

Cat
LD
4341.8
.T51
1983-
1992
cop.5

OSU
Theses and
Dissertations
1983-1992

Bibliographic Series Number 23
1994

Oregon State University Press
Corvallis, Oregon

Theses and Dissertations 1983-1992

Oregon State University

Compiled by

Judith A. Glenn

A Departmental and Author Index of
Masters' Theses and Doctoral Dissertations
Accepted by the Graduate School

Bibliographic Series Number 23

ISBN 0-87071-143-1

Corvallis: OREGON STATE UNIVERSITY PRESS

PREFACE

This bibliography is a compilation of theses and dissertations prepared at Oregon State University from 1983-1992, continuing a bibliographic series presenting research done by students at the university since 1943. (OSU Theses and Dissertations, Bibliographic Series Numbers 6, 8, 9, 17, 20, published by OSU Press). A compilation of theses and dissertations covering the years 1932-1942 for all institutions in the State was published separately by the Oregon State System of Higher Education.

This bibliography was prepared by Judith A. Glenn with technical assistance provided by Robert S. Baker. Bibliographic records for theses and dissertations were downloaded from the Oasis Online Catalog (Geac Advance) and were organized and formatted on a personal computer using Excel and MS Word.

As can be seen from the table below, the increasing number of titles reflects the continuing expansion of Oregon State University as a center of research and graduate study.

Melvin R. George
Delpha and Donald Campbell University Librarian

OSU Theses and Dissertations Compilations

<i>Series Numbers and Years Covered</i>	<i>No. of Years Covered</i>	<i>No. of Titles</i>	<i>Avg. Titles per Year</i>
No. 6, 1943-1959	7	2075	296
No. 8, 1960-1965	6	1388	231
No. 9, 1966-1970	5	1715	343
No. 17, 1971-1977	7	2455	350
No. 20, 1978-1982	5	1821	364
No. 23, 1983-1992	10	3780	378

ACKNOWLEDGEMENTS

Funding for the automation requirements of the project was provided by Oregon State University Libraries.

Robert S. Baker provided technical assistance in the downloading of the bibliographic records from Oasis.

Mithran Aaron, David Glenn, Soon Len Lee, and Sandy Sears, provided computer expertise in the use of the software required for this project.

Judith A. Glenn
Government Publications Librarian

TABLE OF CONTENTS

Preface	ii
How To Use This Guide	iv
 Section I: Department Index	
Agricultural and Resource Economics	1
Agricultural Education	3
Agricultural Engineering	3
Animal Science	4
Anthropology	6
Apparel, Interiors, and Merchandising	6
Atmospheric Sciences	6
Biochemistry and Biophysics	7
Bioresource Engineering	9
Botany and Plant Pathology	9
Chemical Engineering	11
Chemistry	12
Civil Engineering	15
Clothing, Textiles, and Related Arts	17
College Student Services Administration	17
Computer Science	18
Counseling	19
Counseling and Guidance	20
Crop and Soil Science	20
Crop Science	20
Education	23
Electrical and Computer Engineering	29
Entomology	33
Environmental Health Management	35
Exercise and Sport Science	35
Family Resource Management	35
Fisheries	36
Fisheries and Wildlife	39
Food Science and Technology	40
Foods and Nutrition	42
Forest Engineering	43
Forest Management	44
Forest Products	45
Forest Resources	47
Forest Science	47
General Science	50
Genetics	51
Geography	51
Geology	52
Geophysics	55
Geosciences	56
Health	56
Health Education	56
Home Economics Education	57
Horticulture	57
Human Development and Family Studies	60
Human Performance	61
Industrial and Manufacturing Engineering	62
Industrial Engineering	62
Interdisciplinary Studies	63
Mathematics	65
Mathematics Education	66
Mechanical Engineering	66
Microbiology	68
Nuclear Engineering	71
Nutrition and Food Management	72
Ocean Engineering	72
Oceanography	72
Pharmacy	76
Physics	76
Plant Physiology	77
Poultry Science	78
Rangeland Resources	78
Science Education	80
Soil Science	80
Statistics	82
Toxicology	82
Veterinary Medicine	83
Veterinary Science	83
Vocational and Technical Education	83
Vocational Education	84
Wildlife Science	84
Zoology	85
 Section II: Authors	 87

HOW TO USE THIS GUIDE

CONTENTS

Theses Subject Areas:

This list includes the masters' theses and doctoral dissertations completed at Oregon State University between and including the years 1983-1992.

Not Included:

Research papers are not included, although some university departments encourage their students to write a research paper instead of a thesis. These papers are often as worthy and well-researched as the theses, but students are not required to give the library a copy, therefore, the library does not maintain a list of these. If you have a title or author that you can not find listed in this bibliography, but you are sure it was done within this time period, it may be a research paper. If you suspect this to be the case, it is suggested that you contact the appropriate college, school or department (not the library) for more information.

ARRANGEMENT

Section I, the Departmental Index, is arranged alphabetically by university departments, then subdivided by type of degree and year within type (i.e. masters or doctorate). Within each type and year, the arrangement is alphabetical by author. In some cases the subject rather than department has been listed to identify theses and dissertations produced in departments whose names have changed dramatically. (For example, Counseling, is now in the department of Home Economics and Education.) Section II, the Author Index, is an alphabetical list of the thesis authors with the corresponding citation number(s) (i.e. the location number of the citation in the Departmental Index). You may note that some authors have two citation numbers which indicates they have either two masters or a masters and a doctoral thesis in this guide.

INTERLIBRARY LOAN

The Library's Interlibrary Loan lends our own institution's masters' theses to all libraries, and doctoral dissertations are loaned on a reciprocal basis.

PHOTOCOPY

Our policy is not to photocopy any masters or doctorate in its entirety. University Microfilms in Ann Arbor, Michigan provides this service for doctoral works through Dissertation Abstracts.

OTHER GUIDES TO OSU THESES AND DISSERTATIONS

You may also wish to consult previous guides in the same bibliographic series for more information on previous years or on special subjects.

Bibliographic Series Number 6, OSU Theses & Dissertations 1943-1959

Bibliographic Series Number 8, OSU Theses & Dissertations 1960-1965

Bibliographic Series Number 9, OSU Theses & Dissertations 1966-1970

Bibliographic Series Number 17, OSU Theses & Dissertations 1970-1977

Bibliographic Series Number 20, OSU Theses & Dissertations 1978-1982

Adult Education see—Education

Agricultural and Resource Economics—MASTERS 1983

- 1 **Hastie, James D.** Economic issues in assembling properties with eminent domain.
- 2 **Ledeboer, M. Vivian.** A structural description of Oregon counties, 1973-1978.
- 3 **Loue, Gbeuli D.** Consideration of risk in crop selection for Willamette Valley farms.
- 4 **MacDonald, John A.** Foodgrain policy in the Republic of Korea : the economic costs of self-sufficiency.
- 5 **Nielsen, Kim C.** Risk/return analysis of irrigation system design and operating rules.
- 6 **Reed, Stephen Paul.** A short run price forecasting model for slaughter steers and slaughter cows in the Pacific Northwest.
- 7 **Thiemann, Gerry B.** An economic analysis of supplier motivations at farmers markets.

Agricultural and Resource Economics—MASTERS 1984

- 8 **Bauer, Steven Gerard.** An economic analysis of the onsite benefits and costs of reducing soil erosion through conservation tillage in the Camas Prairie region of northern Idaho.
- 9 **Beale, Katherine L.** Estimating values of alternative public land allocations : a critical analysis of applied theory and methods.
- 10 **McLoughlin, Daryl.** The economics of food self-sufficiency in Japan : the case of rice and wheat.
- 11 **Noble, Deborah Raber.** A preliminary study of contractual leasing arrangements for process-heat geothermal development in Oregon.
- 12 **Stringham, Tamzen K.** Simulation of national cow inventories and calf crop, 1965 to 1981 : projections to 1987.
- 13 **Strong, Elizabeth J.** Measuring benefits of outdoor recreation services : an application of the household production function approach to the Oregon steelhead sport fishery.
- 14 **Unruh, Melissa N.** An analysis of stated preferences for marginal water allocation in the western United States.
- 15 **West, Peter.** The feasibility of utilizing financial futures hedging by the agricultural borrower.

Agricultural and Resource Economics—MASTERS 1985

- 16 **Baker, John J.** Multiple use resource allocation: an empirical analysis of selected forest resources.
- 17 **Chambers, William D.** Oregon farm models: a spreadsheet approach.
- 18 **Gatti, Andrew Leo.** An evaluation of strategies for hedging feeder cattle in the Pacific Northwest.
- 19 **Lewandrowski, Jan.** Toward a new methodology for estimating the marginal social rate of return to public investments in higher education.
- 20 **Mandelbaum, Thomas B.** The relationship of absentee ownership of manufacturing plants to income growth, income inequality and employment instability in Oregon.
- 21 **Moore, Walter B.** Off-site costs of soil erosion in the Willamette Valley of Oregon.
- 22 **Ross, Mark (Mark H.)** Opportunity costs: irrigation vs. hydropower.
- 23 **Teichert, Kurt.** An estimation of public preferences for land use in Eugene, Oregon.
- 24 **Zobrist, Daniel H.** Determinants of international grain freight rates revisited: the impacts of port facility characteristics.

Agricultural and Resource Economics—MASTERS 1986

- 25 **Earley, Jim V.** The role of selected regulations on the distribution of West Coast groundfish.
- 26 **Johnson, Martin A.** An inquiry into the import demand for fresh American fruit in Hong Kong.
- 27 **Niklitschek, Mario E.** Exact welfare measurement: theory and application to recreation economics.
- 28 **Taylor, Michael L. (Michael Lester).** Computer simulation of irrigation system improvements: an analysis of income, risk and offsite impacts.
- 29 **Wiese, Arthur Michael.** Alternative methods of raw product valuation for agricultural cooperatives: a forecasting approach.

Agricultural and Resource Economics—MASTERS 1987

- 30 **Cabeza, Felix.** The impact of the Staggers Rail Act of 1980 on Pacific Northwest wheat transportation : a spatial equilibrium analysis.
- 31 **Cerda, Rene.** Estimation of small scale fishery production relationships : the case of the Florida reef fishery.
- 32 **Kikuchi, Akihiro.** Salmon consumption at the household level in Japan.
- 33 **Lampi, Keith A.** Alternative value estimates for a nonconsumptive public good : cross-country skiing on the Mt. Hood National Forest.
- 34 **Mendez, Juan.** An analysis of Pacific Northwest live hog futures basis.
- 35 **Sanguanruang, Santisuk.** Temporal price relationships in cash forward and futures markets for white wheat.

Agricultural and Resource Economics—MASTERS 1988

- 36 **Connor, Jeffery D.** The demand for electricity in western U.S. irrigated agriculture : a dual cost function analysis.
- 37 **Doyle, Douglas J.** Determinants of off-farm labor supply among farm households in the north Willamette Valley.
- 38 **Harman, Ellen Jean.** Strategy selection in the Oregon trawl fisheries.
- 39 **Hewlett, John P.** The effect of various management and policy options on the financial stress situation of Oregon grain and cattle producers.
- 40 **Johnson, Neal S.** A bioeconomic analysis of altering instream flows anadromous fish production and competing demands for water in the John Day River basin, Oregon.
- 41 **Kim, Seung-Woo.** Demand analysis for surimi-based products in Japan.
- 42 **McLeod, Donald M.** The economic impact of nonfarm exports on residuary sectors for rural Oregon counties, 1979-1984.
- 43 **Meyersick, Ron R.** Assessment of alternative raw product valuation methodology with respect to cooperatives single pool returns.
- 44 **Nofziger, Sharon Dianne.** The Conservation Reserve Program : its impact on the economies of rural communities.

Agricultural and Resource Economics—MASTERS 1989

- 45 **Bayaner, Ahmet.** An econometric analysis of used tractor prices.
- 46 **Cerda, Arcadio.** Analyzing a port economic impact model : application to the Port of Newport.
- 47 **Jacobsen, Twila.** Japan's import demand for Pacific Northwest frozen corn and potatoes.
- 48 **Murillo-Martinez, Carlos G.** An analysis of Costa Rican export earnings under the Caribbean Basin Economic Recovery Act (CBERA).

- 49 **Payne, Loretta M.** Case study evaluation of the Poultry Extension and Training Subproject (PETS) based on impact at village household level.
- 50 **Simone, Mark V.** An analysis of the import demand for hard red winter and western white wheat in Asian Pacific rim nations.
- 51 **Stokstad, Grete Synnove.** Determining member contributions to marketing cooperative returns when raw products are commingled before sale.
- 52 **Sukume, Chrispen.** Social welfare-optimal policy rules : application to the Zimbabwe corn industry.

Agricultural and Resource Economics—MASTERS 1990

- 53 **Bates, Jonathan D.** A comparative assessment of four winter feeding programs for spring calving cow-calf ranches in the Harney Basin, Oregon.
- 54 **Forbes, Steven.** Modifying regional input-output models for price and structural changes : an Oregon water market application in Grant County.
- 55 **Hartley, Marcus L.** An evaluation of input purchasing behavior at farm supply cooperatives.
- 56 **Meunier, Patrick.** Demand and price comparison of hard red winter wheat and white wheat.
- 57 **Murniningtyas, Endah.** Does Japan exert market power in the world wheat market?.

Agricultural and Resource Economics—MASTERS 1991

- 58 **Anteneh, Berhanu.** The Japanese beef market in a disequilibrium econometrics framework : implications for the U.S. - Japan beef market access agreement.
- 59 **Heldt, GretchenL.** An analysis of Japanese beef demand : implications of the 1988 import quota removal agreement for the United States.
- 60 **Okutsu, Takamasa.** Food demand during the stage of rapid economic development : the cases of Japan, Korea, and Taiwan.
- 61 **Perez-Rivas, Guillermo.** Agricultural price and export policy : the 1980 coffee marketing reform in El Salvador.
- 62 **Qvistgaard P., Carlos G.** Industrial tomatoes in Panama : a comparative analysis of its competitive potential in the United States market for Panamanian producers.
- 63 **Sil, Jayashree.** Cost function analysis of fruit and vegetable processing in an Oregon cooperative.

Agricultural and Resource Economics—MASTERS 1992

- 64 **Bechtel, Bruce A.** A market share analysis of U.
- 65 **Ghasedi, Bizhan.** An examination of market structure and market power for annual and perennial ryegrass seed.
- 66 **Sheikh, Allah Ditta.** Effect of weather variation on economic results from grasshopper control tactics in Chad : a partial validation of GHLSIM.
- 67 **Tanaka, Hiroshi.** Testing for structural differences in general commodity motor carriage.

Agricultural and Resource Economics—DOCTORS 1983

- 68 **Ahmed, Awadelkarim Hamid.** An economic evaluation of wheat fertilization strategies in North Central Oregon.
- 69 **Gonarsyah, Isang.** An Econometric analysis of the U.S.-Japan-Korea market for U.S. white wheat.
- 70 **Muangkoe, Marut.** Biased and unbiased estimation : an econometric application in the tuna industry.
- 71 **Sandrey, Ronald Albert.** Economic considerations in managing Oregon Rocky Mountain elk.
- 72 **Smith, Gary Wilson.** Toward an econometric model of the Oregon economy.

- 73 **Townsend, Terry P.** Agricultural export promotion and economic structure: an historical perspective.

Agricultural and Resource Economics—DOCTORS 1984

- 74 **Ahearn, Mary C.** An analysis of contingent valuation applied to air quality and public safety from crime.
- 75 **Al-Qunaibet, Mohammad H.** An economic analysis of the municipal demand for water in Kuwait.
- 76 **Garifo, Susan Ellen.** Distortions to travel cost derived demand curves : water quality and durable goods.
- 77 **Lent, Rebecca J.** Uncertainty, market disequilibrium and the firm's decision process : applications to the Pacific salmon market.
- 78 **Lin, Biing-hwan.** The role of exchange rates in the decision making by multinational corporation[s] and issues in international seafood trade.
- 79 **Subaci, Abdelbagi.** Alternative market pools for agricultural cooperatives : a decision analysis framework.

Agricultural and Resource Economics—DOCTORS 1985

- 80 **Beare, Stephen Carroll.** Expectations, reservation demand and the stability of agricultural markets.
- 81 **Daniels, Thomas L.** The economics of land gains taxation: the Vermont case.
- 82 **El-Nazer, Talaat Y.** Selecting optimum crop rotation.
- 83 **Hamilton, Scott A.** The economic effects of ozone on U.S. agriculture: a sector modeling approach.
- 84 **Hsiao, Ching-kai.** An evaluation of alternative estimates of demand for and benefits from Oregon salmon sport fishing.
- 85 **Lambert, David K.** Risk modeling using direct solution of expected utility maximization problems.
- 86 **Mansour, Mohamed (Mohamed Salah).** An economic analysis of the world market for Egyptian cotton.
- 87 **Saremi, Mahnaz.** An econometric analysis of the Mexican import demand for U.S. pesticide[s].
- 88 **Shalloof, Faisal M.** Impact of various factors upon benefits from big game hunting estimated by the travel cost method.
- 89 **Tagarino, Rogelio N.** Economic theory and research framework for a multi-output production system: rice-fish culture technology in the Philippines.
- 90 **Tay, Winnie K.** Analysis of U.S. interstate variation in changes in poverty incidence and income inequality (1969-1979).
- 91 **Turek, Paul S.** Economic evaluation of potato waste as a feed ingredient for beef cattle finishing rations.
- 92 **Wilson, James R. (James Rolland).** Some consequences of extending ocean resource zones.

Agricultural and Resource Economics—DOCTORS 1986

- 93 **Akbari, Ahmad.** Risk analysis of alternative tillage systems in North Central Oregon dryland wheat production.
- 94 **Belaid, Abderrezak.** Farmers' risk attitudes in the eastern high plateau region of Algeria: an application of the experimental approach.
- 95 **Clark, Jerry E.,** Entrepreneurship, policy, and resource use: the production of and competition for salmon.
- 96 **Hanrahan, Michael S.** Influences of tillage system, climate, and soils on the demand for topsoil in northcentral Oregon wheat production.
- 97 **Lubis, Rusdian.** The impact of maritime user fees on Pacific Northwest wheat transportation: a network programming approach.
- 98 **McNamee, William A.** Economics of soil loss control on the Mission-Lapwai Watershed, Idaho.

- 99 **Queirolo, Lewis E.** A methodology for evaluating the economic impact on directed fisheries of by-catch losses in the foreign and joint-venture groundfish fisheries.

- 100 **Winter, John R.** An investigation of the measurement of individual risk attitudes.

Agricultural and Resource Economics—DOCTORS 1987

- 101 **Adu-Asamoah, Richard.** Regional analysis of the US groundfish fishery : implications of the extended fishery jurisdiction for the Pacific Northwest fishery.

- 102 **Hastie, James D.** Economic evaluation of projects and policies affecting anadromous fish : a simulation approach.

- 103 **Siaway, Arthur.** The impacts of extended fisheries jurisdiction on seafood trade among selected countries : market share and product substitution.

- 104 **Wear, Linda Marie.** Producer behavior and the distribution of potential long run consequences in the agricultural market.

Agricultural and Resource Economics—DOCTORS 1988

- 105 **Emami, Ali.** Price elasticities in commodity trade models and external trade statistics.

- 106 **Kelly, Sharon.** Countertrade, a transaction costs approach.

- 107 **Niami, Farhad.** An econometric analysis of the Japanese import demand for U.S. forest products.

- 108 **Parandvash, G. Hossein.** On the incorporation of nonnumeric information into the estimation of economic relationships in the presence of multicollinearity.

Agricultural and Resource Economics—DOCTORS 1989

- 109 **Al-Hussinie, Abdulaziz S.** The impact of agricultural price policies on the supply and demand for agricultural products : the case of barley and wheat in Saudi Arabia.

- 110 **Collins, Alan.** The public forage pricing implications of public/private market interdependence.

- 111 **Freeze, Brian.** An analysis of risk management strategies for southern Alberta feedlots.

- 112 **Raja Abdullah, Nik Mustapha bin.** Estimation of average and incremental net economic values of Oregon ocean sport-caught salmon : an aggregated travel cost approach.

Agricultural and Resource Economics—DOCTORS 1990

- 113 **Johnson, Scott Lee.** An economic evaluation of on-farm strategies for reduction of nitrate groundwater pollution : the case of irrigated production in the Columbia basin.

- 114 **Lee, Heung-Dong.** Input demand and output supply responses when the production function is heteroskedastic.

- 115 **Romstad, Eirik.** Pollution control mechanisms when abatement costs are private knowledge.

- 116 **Sanguanruang, Santisuk.** An economic analysis of the country specific impacts of freer international trade in sugar.

Agricultural and Resource Economics—DOCTORS 1991

- 117 **Boughanmi, Houcine.** A policy preference analysis of the Tunisian wheat sector.

- 118 **Cerda, Arcadio Alberto.** An economic analysis of alternative water allocations and habitat investments for anadromous fish production, John Day Basin, Oregon.

- 119 **Cross, Timothy L. (Timothy Lee).** Estimation of agricultural machinery and equipment depreciation patterns using flexible functional forms.

- 120 **Kim, Seung-woo.** Survival analysis in fishery management.

- 121 **Taylor, Michael L. (Michael Lester)** Farm level response to agricultural effluent control strategies : the case of the Willamette Valley.

Agricultural and Resource Economics—DOCTORS 1992

- 122 **De Silva, G. A.Canute.** Welfare distribution effects of US rice policies.

- 123 **Hong, Seonghoon.** An economic analysis of household recycling of solid wastes : the case of Portland, Oregon.

Agricultural Education—MASTERS 1986

- 124 **Ackley, Donald R.** The effect of a horticultural therapy program on cerebral palsied children.

- 125 **Krummel, Michael J.** Vocational agriculture competencies and sex-equity in Oregon.

Agricultural Education—MASTERS 1992

- 126 **Doerner, Robert W.** Effect of in-servicing teachers on student achievement in integrated pest management.

Agricultural Engineering—MASTERS 1983

- 127 **Griswold, Bruce Walter.** Development of a water-to-water heat pump for tempering water in milking parlors.

- 128 **Nakamura, Brian Clifford.** Effects of irrigation frequency on yields of winter wheat.

Agricultural Engineering—MASTERS 1984

- 129 **Hunsaker, Douglas James.** An investigation of furrow advance rates under surge flow irrigation.

- 130 **Ryan, Philip Kevin.** An air modification system to reduce winter ventilation rates in broiler houses.

- 131 **Araki, Yoshitaka.** Evaluation and sensitivity of a soil-water-atmosphere-plant simulation model.

Agricultural Engineering—MASTERS 1985

- 132 **Geiselman, James R.** Heat transfer predictions for aquaculture facilities.

- 133 **Wright, Norman D.** Uncertainty in neutron probe measurements of soil moisture for irrigation scheduling.

Agricultural Engineering—MASTERS 1986

- 134 **Abdelli, Smida.** Application of the Penman Equation to central Tunisia.

- 135 **Basketfield, Daniel L.** Irrigation requirements for selected Oregon locations.

- 136 **Rosane, Carol Harper.** Containerization for air shipment of live Dungeness crab.

- 137 **Smith, Jerome Francis.** Semi-empirical [sic] methods for estimating evapotranspiration in a modified marine climate.

Agricultural Engineering—MASTERS 1987

- 138 **Cooper, Richard Mark.** Geostatistics applied to groundwater contaminant plume characterization.

- 139 **Wang, De-qian.** Improved prediction of heat leakage for fish hold wall sections.

Agricultural Engineering—MASTERS 1988

- 140 **Adre, Norberto.** Computer simulation of transient refrigeration load in a cold storage for apples and pears.

- 141 **Chadwick, Jonathan Michael.** Cooling and mass transfer rates in fresh fruits.

Agricultural Engineering—MASTERS 1989

- 142 **Chen, Char-Fong.** Microprocessor control and numerical model for broiler house summer ventilation utilizing a rockbed heat sink.

- 143 **Hatch, Wayne E.** Mass transfer characteristics of fresh fruits stored in regular and controlled atmosphere conditions.

- 144 **Rea, Alan H.** Assessing groundwater vulnerability to contamination using finite element modeling and geographic information systems.

- 145 **Smyth, Jeffrey D.** Multivariate geostatistical analysis of groundwater contamination by pesticide and nitrate.

Agricultural Engineering—MASTERS 1990

- 146 **Biskie, Howard A.** A model to predict the bacterial quality of a rangeland stream.
- 147 **Fazio, John A.** Practical two-stage pipe expansions for centrifugal pump irrigation.
- 148 **Lenhart, James H.** Modeling of point rainfall processes in the Republic of Cape Verde.

Agricultural Engineering—MASTERS 1991

- 149 **Ben Ayed, Nejib.** Mass transfer characteristics of d'Anjou pears stored in common and controlled atmosphere conditions.
- 150 **Sherer, Brett Micheal.** Bacteria die-off in stream sediments.

Animal Science—MASTERS 1983

- 151 **Abdelgadir, Salaheldin Eltigani.** Effects of selenium and glutathione peroxidase on the biosynthesis of prostaglandin Eb2 and Fb2ga sby the ram vesicular gland.
- 152 **Basler, Susan E.** Selenium deficiency in the equine.
- 153 **Bellatty, Paul T.** Production responses of barrows fed finisher rations with 11 vs 14 percent protein.
- 154 **Collins, Debora Ann.** Effects of sire breed on growth, feed efficiency, and carcass traits of cross-bred lambs slaughtered at three weights.
- 155 **Friedman, Ron.** The response of the bovine infundibulum to norepinephrine and acetylcholine during estrogen and progesterone dominance.
- 156 **Garrett, Betsy Jayne.** Influence of dietary factors on tansy ragwort toxicosis in rats and horses.
- 157 **Hunt, Louise Dillingham.** The effects of dietary protein on reproduction in pony mares.
- 158 **Mohyeldin, Mohamed Taha.** Alfalfa protein concentrate in milk replacer formulas for dairy calves.
- 159 **Muggli, Noelle Elizabeth.** Inheritance of maternal antibody concentration in the bovine neonate.
- 160 **Tachasirinugune, Sommai.** Litter productivity at first and second parity by gilts mated at different weights at first or second estrus.

Animal Science—MASTERS 1984

- 161 **Berggren-Thomas, Bruce.** Sheep breed evaluation : grazing behavior, condition scores and lamb production.
- 162 **Dietz, Jane F.** The effects of morphine and naloxone on serum levels of luteinizing hormone in intact and ovariectomized pony mares during the breeding and nonbreeding seasons.
- 163 **Finkelstein, Eve_Karen.** Selenium from industrial wastes for grazing livestock.
- 164 **Marcek, John M.** The effect of photoperiod on milk production and prolactin in Holstein dairy cows.
- 165 **Tanida, Hajime.** The effects of altered photoperiod and of sound stimulation on feeding and other behaviors of dairy cattle and sheep.
- 166 **Wu, Yea-ching.** Evaluation of fishery by-products as supplemental protein sources for poultry and swine.

Animal Science—MASTERS 1985

- 167 **Berggren-Thomas, Priscilla L.** Inheritance of active and passive immune responses in sheep.
- 168 **Grobner, Mark A.** Dietary factors influencing enteric disorders of rabbits.
- 169 **Hopman, Bruce T.** The effect of lasalocid on fall calving beef cows.

- 170 **Rodger, Lynn Dian.** Gonadotropin releasing hormone-induced alteration of corpus luteum function in beef heifers.

- 171 **Sanchez, William K.** Effect of dietary crude protein level and source of supplemental protein on performance of commercial rabbits.

- 172 **Schons, Debra Jo.** Population analysis of a commercial beef cattle herd.

Animal Science—MASTERS 1986

- 173 **Gallivan, Catherine Agnes.** Breed and heterosis effects on wool and lamb production of rotationally crossed ewes.

Animal Science—MASTERS 1987

- 174 **Buehner, Heidi Renata.** Winter supplementation and delayed weaning of an autumn calving beef herd under western Oregon conditions.

- 175 **Chitko, Carol G.** Sources of influence on passive and active immunoglobulin G responses in swine.

- 176 **Delcurto, Timothy.** Supplementation with lasalocid three times weekly to stocker cattle on pasture.

- 177 **Hamdi, Mohamed A.** Use of grape pomace as a substitute for barley grain in diets of wintering ewe lambs.

- 178 **Jaeger, John Ralph.** Gonadotropin releasing hormone-induced secretion of luteinizing hormone during the milk ejection reflex in the postpartum beef cow.

- 179 **Moghaddam, Mehran Fallah.** Hypervitaminosis A : effects on reproduction and interactions with pyrrolizidine alkaloids.

- 180 **Naranjo R., Victor Hugo.** Effect of early exposure of tansy ragwort (*Senecio jacobaea*) on future grazing preferences of sheep.

- 181 **Weeks, Linda C.** Two uses of the synthetic progestagen altrenogest for aiding in the establishment and maintenance of pregnancy in mares.

Animal Science—MASTERS 1988

- 182 **Arnold, Andrew M.** Genetic and environmental influences on lamb carcass indices and muscle fiber ratios.

- 183 **Mathius, I-Wayan.** Utilization of non protein nitrogen by rabbits.

Animal Science—MASTERS 1989

- 184 **Kaackuahiwi, Margaret Ann.** The relationship between plasminogen activator production and various aspects of bovine embryo development in vitro.

- 185 **Martin, Teri L.** Response of the bovine corpus luteum to exogenous gonadotropin-releasing hormone during the estrous cycle.

- 186 **Nichols, Wade Taylor.** Wheat versus corn and barley in beef finishing rations.

Animal Science—MASTERS 1990

- 187 **Berg, Debra Ann.** Identification of the plasminogen activator produced by microdissected day 12 to 14 bovine embryonic tissues.

- 188 **Biedenbach, Robert L.** Evaluation of triticale grain in high producing dairy cow rations.

- 189 **Campbell, Donald T.** Effects of two forms of intrareticular selenium supplements on beef cow selenium status and on the transfer of selenium from dam to offspring.

- 190 **Cosola-Smith, Carrie A.** Bovine luteal oxytocin synthesis and secretion in vitro : effects of phorbol ester, calcium ionophore and indomethacin.

- 191 **Dyk, Arie Robert Cornelius.** Electrophoretic characterization of plasminogen activators produced by early bovine embryos.

- 192 **Hill, Thomas William.** Evaluation of creep feeding and two different postweaning rations on steers of three different frame types relative to growth, carcass traits and economics.
- 193 **Liu, Cheng-chung.** Interaction between glucocorticoid status and B-adrenergic agonists in control of muscle growth and protein degradation.
- 194 **Shore, Maria Dawn.** Reproductive characteristics of pregnant mares passively immunized against equine chorionic gonadotropin.
- 195 **Smith, Edward J.M.S.** Evaluation of responses to selection and association among specific traits in three populations of swine.
- 196 **Smith, Gary Daniel.** Characteristics of preovulatory follicles of pubertal gilts.
- 197 **Suryawan, Agus.** Differentiation of porcine stromal vascular cells in primary culture.

Animal Science—MASTERS 1990

- 198 **Blount, David Kenneth.** Effects of strip versus continuous grazing management on diet parameters and performance of yearling steers grazing native flood meadow vegetation in eastern Oregon.
- 199 **Cortell, Anna Katherine.** Cyclopropanoid fatty acid-induced suppression of ovine corpus luteum function.
- 200 **Huan, Jianya.** Effects of dietary pyrrolizidine alkaloids on copper and vitamin A metabolism in the chicken and Japanese quail.
- 201 **Ou, Bor-rung.** Effects of age, castration and gestation on calpains and calpastatin in sheep and rabbit skeletal muscle.
- 202 **Prater, Patrice L.** Physiological factors affecting ovine uterine estrogen and progesterone receptor concentrations.
- 203 **Tumbelaka, Ligaya.** In Vivo and In Vitro effects of a cyclopropanoid fatty acid on progesterone synthesis by the ovine corpus luteum.
- 204 **West, Kathryn S.** Effects of differential ewe body condition at mating and early post-mating nutrition on embryo survival.
- 205 **Yeh, Jan-ying.** Temporal effects of Dexamethasone on skeletal muscle protein metabolism in rabbits.

Animal Science—MASTERS 1992

- 206 **Albro, Jonathan D.** Effect of soybean protein supplements with low quality roughage on performance and digestive characteristics of weaned beef steers.
- 207 **Chen, Chu-liang.** Identification of an inguinal adipocyte-specific protein using monoclonal antibody selected by cyclophosphamide.
- 208 **Mullins, Tracy M.** Assessment of factors regulating growth hormone binding in pigs.
- 209 **Polonen, Ilpo Juhani.** Effect of nutrition on reproductive performance of young female mink.
- 210 **Widmann, Andrea A.** Development of an enzyme immunoassay using whole plasma to determine progesterone concentrations during early pregnancy in the mare.

Animal Science—DOCTORS 1983

- 211 **Clarke, Stephen Emil.** Mathematical modeling of selection and crossbreeding in beef cattle.
- 212 **Lukefahr, Steven D.** Evaluation of rabbit breeds and crosses for overall commercial productivity.
- 213 **Saoud, Nabeel B.** Sheep selection in retrospect.
- 214 **Walker, Calvin.** The influence of heredity and some environmental components on occurrence of puberty in gilts in confinement.
- 215 **White, Randy Dee.** Mutagenic and toxicologic implications of pyrrolizidine (Senecio) alkaloids.

Animal Science—DOCTORS 1984

- 216 **Alabi, Nathaniel Sigismund.** Interaction of selenium with cadmium and mercury in semen and reproductive tissues : in vivo and in vitro studies.
- 217 **Koohmaraie, Mohammad.** Applied and basic aspects of prerigor pressurization of bovine skeletal muscle.

Animal Science—DOCTORS 1986

- 218 **Ballachey, Brenda Elizabeth.** Flow cytometric evaluation of spermatozoan nuclear chromatin structure and viability.
- 219 **Muggli, Noelle Elizabeth.** Inheritance of antibodies synthesized against IBR vaccine and of complement C3 component in weanling calves.
- 220 **Rose, William Jackson.** Endocrinology of fur growth and reproduction in mink.

Animal Science—DOCTORS 1987

- 221 **Bellatty, Paul T.** Genetic components of genetic influence on traits of purebred and crossbred populations of swine of Berkshire and Yorkshire origin.
- 222 **Hathaway, Ronald L.** An appraisal of risks and benefits in the provision of selenium for beef cattle.
- 223 **Raharjo, Yono C.** Evaluation of tropical forages and by-product feeds for rabbit production.
- 224 **Tanida, Hajime.** The inheritance of longevity traits in beef cattle.
- 225 **Zelinski, Mary Beth.** Plasma membrane composition and luteinizing hormone receptors of ovine corpora lutea during early pregnancy.

Animal Science—DOCTORS 1988

- 226 **Abdelgadir, Salaheldin Eltigani.** Oxytocin synthesis and release by the bovine corpus luteum.
- 227 **Archibong, Anthony Effanga.** Embryonic mortality in pubertal gilts.
- 228 **Young, Allen Jack.** In vitro hormonal and metabolic control of bovine mammary glucose 6-phosphate dehydrogenase activity.

Animal Science—DOCTORS 1989

- 229 **Drake, Daniel J.** Implications of selenium status for various metabolic and performance parameters in beef cattle.
- 230 **Gardiner, Catherine S.** Nap+s/Kp+ sATPase α sSubunit and β sSubunit mRNA levels in preimplantation mouse and rabbit embryos.
- 231 **Leon, Juan B.** Reproductive endocrinology and vaginal cytology of the female llama (lama glama).

Animal Science—DOCTORS 1990

- 232 **Al-Hozab, Adel Abdulla.** The effects of hormones and inducers of intracellular messengers on bovine embryo development in vitro : plasminogen activator production and changes in embryonic size.
- 233 **Grobner, Mark A.** A role for plasminogen in rabbit embryo development.
- 234 **Lewis, Robert David.** Effects of pasture and management variables on forage intake by grazing sheep.
- 235 **Nassar, Abdul-Rahman Hassan.** Development, characterization and application of polyclonal antibodies against ovine adipocytes for body fat reduction by passive immunization.

Animal Science—DOCTORS 1991

- 236 **Dill, Thomas O.** Effect of Zinc, Copper and Selenium supplementation on the humoral immune response of weaned beef steers.

- 237 **Killefer, John.** Characterization and cloning of a cDNA encoding an adipocyte-specific membrane protein.
- 238 **Nawaz, Mohammad.** Genetic and environmental variation in production components of purebred and crossbred ewes.
- 239 **Shapiro, Leland Sanford.** Relationships among rump and rear leg type traits and reproductive performance in Holsteins.
- 240 **Slayden, OV Daniel.** Endocrine regulation of uterine physiology in mink.

Animal Science—DOCTORS 1992

- 241 **Akanbi, Kamil Agbolade.** Regulation of adipose stromal-vascular cell differentiation in culture.
- 242 **Kwansa, Wilhelmina.** Evaluation of responses of sows and their litters to feeding patterns.

Anthropology—MASTERS 1992

- 243 **Krause, Elizabeth L.** Slippery paths: Connections and divergences between historic preservation and tourism in Micronesia.
- 244 **McArdle, Theresa M.** An ethnography of Mexican migrants in Corvallis, Oregon : linguistic and social isolation.

Apparel, Interiors, and Merchandising—MASTERS 1987

- 245 **Allen, Patricia Gehrman.** The Thomas Kay Woolen Mill, finishing departments 1890-1962.

Apparel, Interiors, and Merchandising—MASTERS 1988

- 246 **Duggan, Lynette I.** Marketing practices of textile-related, home-based business owners.

Apparel, Interiors, and Merchandising—MASTERS 1989

- 247 **Hennessy, Karen.** The effect of music in fashion video advertisements on attitude toward apparel brand.
- 248 **Surerus, Jo Anne M.** The effect of Crafted with Pride in the USA cues on evaluations of sweaters made in the USA a developed country, and a developing country.
- 249 **Van Slyke, Ruth E.** Wardrobe expenditures of women employed full-time in five occupational categories.
- 250 **Ying, Tzung-hung.** Radon released during the simulated laundry process.

Apparel, Interiors, and Merchandising—MASTERS 1990

- 251 **Ainsworth, Rebecca A.** Color in the work environment.
- 252 **Fukumura, Dawn H.** Congruency between self-concept and store image within an elderly apparel consumer population.
- 253 **Hughes, Heidi P.** Home sewers' and fabric store managers' expectations of fabric store sales personnel's product knowledge, education, and experience.
- 254 **Johnson, Cheryl Cruzan.** Relationship between fashion leadership and apparel buying behavior among Oregon women.

Apparel, Interiors, and Merchandising—MASTERS 1991

- 255 **Burton, Kathryn Lee.** A chronology of an interior design project emphasizing various graphic communication methods.
- 256 **Demisse, Debra W.** Influence of clothing as a decision criterion on high school students' social participation : comparison of students and teachers.
- 257 **Ho, Shan-hsin Angie.** A comparative study of apparel shopping orientations between Asian Americans and Caucasian Americans.
- 258 **Tatarka, Bernadette.** A study of fashion change related to men's boxer undershorts as depicted in Sears annual merchandise catalogs (1946-1988).

Apparel, Interiors, and Merchandising—MASTERS 1992

- 259 **Cho, Liling.** Perceived sensations of clothing labels on skin.
- 260 **Cho, Shi Jean.** Effect of consumers' and salespersons' age on perceptions of salespeople.
- 261 **Durand, Elizabeth Victoria.** Prevalence and sources of mentoring relationships experienced by female undergraduate merchandising management students.

Applied Anthropology see—Anthropology

Atmospheric Sciences—MASTERS 1983

- 262 **Curtis, Joel C.** Statistical surface wind forecasting at Goodnoe Hills, Washington.
- 263 **Ek, Michael Bryan.** The influence of the diurnal variation of stability on potential evaporation.
- 264 **Hsu, Wu-ron.** Evaluation of a probabilistic quantitative precipitation forecasting experiment.
- 265 **Lee, Sheng-wei.** Analysis of surface wind stress and ocean circulations simulated by general circulation models.

Atmospheric Sciences—MASTERS 1984

- 266 **Oh, Jai-Ho.** The energy budget and mass balance of the OSU atmospheric general circulation model viewed in terms of constant pressure layers.

Atmospheric Sciences—MASTERS 1985

- 267 **Hubbe, John McBain.** The suitability of optical particle counters for covariance estimates of the dry deposition velocity of particulate aerosols.
- 268 **Hukari, Neil F.** Photographic analysis of buoyant stack plumes in a laboratory model of the turbulent mixed layer.
- 269 **Mitchell, Connee S.** The use of climate classification schemes to assess the performance of general circulation models.

Atmospheric Sciences—MASTERS 1986

- 270 **Frank, Helmut P.** Turbulent structure in the bora and stable boundary layer.
- 271 **Gamage, Nimal K. K.** Structure of turbulence in stratified flow: aircraft data from SESAME and ALPEX.

Atmospheric Sciences—MASTERS 1987

- 272 **Chu, Cheng-tsong.** Parameterization of shallow convection in the boundary layer.
- 273 **Gürer, Kemal.** Concentration distributions of non-buoyant, weakly buoyant and buoyant effluents from a continuous point source within a convectively mixed layer.
- 274 **Jiang, Xingjian.** Role of oceanic heat transport processes in CO₂s-induced warming : analysis of simulations by the OSU coupled atmosphere-ocean general circulation model.
- 275 **Kim, Jinwon.** The effects of an isolated mesoscale island on a stably-stratified airstream.
- 276 **Wijesekera, Hemantha.** Diagnostic modeling study of a severe narrow cold-frontal rainband.

Atmospheric Sciences—MASTERS 1988

- 277 **Bennett, Shawn P.** A case study of the May 28, 1985 mesoscale convective system observed during the O.K. PRE-STORM Project.
- 278 **Dixit, Sanjay.** Simulation of tropical pacific circulation anomalies with linear atmosphere and ocean models.
- 279 **Edwards, Eric.** A numerical study of sulfur and nitrogen scavenging in a mesoscale rainband observed in the GALE experiment.

- 280 **Pirlet, André Jean.** An investigation of the relation between total ozone and synoptic tropospheric disturbances.
- 281 **Tomas, Robert A.** Subseasonal variability in the Southern Hemisphere as simulated by a two-level atmospheric general circulation model.

Atmospheric Sciences—MASTERS 1989

- 282 **Huang, Huei-I.** The long-term variations of east Asia jet stream in the wintertime.
- 283 **Lu, Chungu.** A study of positive cloud-to-ground lightning flashes in mesoscale convective systems.
- 284 **Nance, Jon D.** Turbulence structure within an inclined laboratory convection tank.

Atmospheric Sciences—MASTERS 1990

- 285 **Hagelberg, Carl R.** Stability analysis of homogeneous shear flow : the linear and nonlinear theories and a Hamiltonian formulation.

Atmospheric Sciences—MASTERS 1991

- 286 **De Silva, Sirilath J.** Statistical relationships between the mesoscale organization of convection, precipitation and the large-scale wind fields during the GATE.
- 287 **Stone, Kenneth A.** Modeled and observed longwave radiances at the top of the atmosphere.

Atmospheric Sciences—MASTERS 1992

- 288 **Barbour, Philip L (Philip Lee).** The use of conserved variables in the modeling and parameterization of shallow cumulus trade wind boundary layers.
- 289 **Chang, Fu-lung.** Toward the estimation of errors in cloud cover derived by threshold methods.
- 290 **Wang, Chunzai.** Numerical simulations of nonlinear baroclinic instability with a spherical wave-mean flow model.

Atmospheric Sciences—DOCTORS 1983

- 291 **Yoon, Soon-chang.** The structure of turbulent entraining flow in an annulus with a rotating screen.

Atmospheric Sciences—DOCTORS 1984

- 292 **Batteen, Mary L.** Numerical studies of mesoscale eddies using quasigeostrophic and primitive equation ocean models.
- 293 **Kang, In-sik.** Quasi-stationary atmospheric responses to large-scale forcing.
- 294 **Lee, Tae Young.** A numerical study of coastal stratus cloud in a two-dimensional meso-scale model.
- 295 **Tollerud, Edward I.** An observational study of the wind fields associated with GATE cloud clusters.

Atmospheric Sciences—DOCTORS 1985

- 296 **Kushnir, Yochanan.** Subseasonal variability in a two-level atmospheric general circulation model.
- 297 **Ueyoshi, Kyozo.** Numerical simulation of planetary boundary-layer evolution and mesoscale flow over irregular terrain under daytime heating conditions.

Atmospheric Sciences—DOCTORS 1987

- 298 **Wang, Jough-tai.** An observational study of the energetics and dynamical aspects of GATE cloud clusters.
- 299 **Wilks, Daniel S.** Specification of local surface weather elements from large-scale general circulation model information, with application to agricultural impact assessment.

Atmospheric Sciences—DOCTORS 1988

- 300 **Ruscher, Paul Harold.** An examination of structure and parameterization of turbulence in the stably-stratified atmospheric boundary layer.

Atmospheric Sciences—DOCTORS 1989

- 301 **Oh, Jai-ho.** Physically-based general circulation model parameterization of clouds and their radiative interaction.

Atmospheric Sciences—DOCTORS 1991

- 302 **Ahn, Joong Bae.** A study of El Nino/southern oscillation : numerical experiments and data analysis.
- 303 **Gamage, Nimal K. K.** Modelling and analysis of geophysical turbulence : use of optimal transforms and basis sets.
- 304 **Kim, Jinwon.** Turbulent and gravity wave transport in the free atmosphere.

Biochemistry and Biophysics—MASTERS 1984

- 305 **Alayan, Mohammad Atta.** Selenium metabolism in the chick and effects of Vitamin E and selenium on heat stress.

Biochemistry and Biophysics—MASTERS 1985

- 306 **Abdul-Latif, Fazilah.** Site-specific 3'-terminal deletions in Escherichia coli 16S rRNA and the effect on assembly of 30S ribosomal subunits.
- 307 **Yao, Cheng C.** Environmental influences on monoterpenes and phenolics of *Mentha piperita*.

Biochemistry and Biophysics—MASTERS 1987

- 308 **Pollock, Martin L.** Biochemical studies on the mosquitocidal delta endotoxin of *Bacillus thuringiensis* subsp. *israelensis*.
- 309 **Rosenbaum, Larry C.** Structural characterization of the cardiac muscarinic acetylcholine receptor.

Biochemistry and Biophysics—MASTERS 1989

- 310 **Booth, Joseph.** Attempted cloning of T4 phage ribonucleotide reductase.
- 311 **Chang, Yung-jin.** Production of peptide growth factors by oncogene-transformed balbserum-free mouse embryo cells.
- 312 **Durst, Robert W.** Substitution of germanium for boron in suspension-cultured carrot cells.
- 313 **Solem, Michele Lee.** Novel icosanoids from the red marine alga *Farlowia mollis*.

Biochemistry and Biophysics—MASTERS 1991

- 314 **Bradford, Mary Beth.** Characterization of the infection cycle of the *Orgyia pseudotsugata* multicapsid nuclear polyhedrosis virus in *Lymantria dispar* cells.
- 315 **Geierstanger, BernhardH.** Base specific binding of copper (II) to Z-DNA : 1.3 A single crystal structure of d(mp5sCGUAmp5sCG) soaked with CuCl₂s.
- 316 **Winzler, Elizabeth A.** The effects of pH on the torsional flexibility of DNA bound to a nucleosome core particle.

Biochemistry and Biophysics—DOCTORS 1983

- 317 **Bestwick, Richard Keith.** DNA precu[r]sor compartmentation in mammalian cells: metabolic and anti-metabolic studies of nuclear and mitochondrial DNA synthesis.
- 318 **Herron, G. Scott.** Partial purification and characterization of the atrial muscarinicacetylcholine receptor.
- 319 **Potter, David Willard.** Metabolic pathway of the nitrosoureas catalyzed by cytochrome P-450 and NADPH cytochrome P-450 reductase.

- 320 **Proffitt, John Houston.** Gene structure in *Saccharomyces cerevisiae* : DNase I hypersensitive sites in galactose gene cluster and non-detection of 5-methylcytosine.
- 321 **Szent-Györgyi, Christopher Stephan.** An electrophoretic investigation of nucleoprotein organization in yeast chromatin.
- 322 **Weber, Shane Crawford.** Active chromatin structure of *Saccharomyces cerevisiae* : high mobility group proteins, histone modifications and DNase I sensitivity.
- 323 **Williams, David Edward.** Purification, characterization and comparative properties of hepatic microsomal mixed-function oxidase enzymes from rat and rainbow trout.

Biochemistry and Biophysics—DOCTORS 1984

- 324 **Cremon, Christine.** Characterization and photoaffinity labeling of the muscarinic acetylcholine receptor.
- 325 **Francis, Ralph T.** Hemoglobin-binding proteins in the amphibian *Taricha granulosa*.
- 326 **Purohit, Sarla.** Bacteriophage T4-coded dihydrofolate reductase : cloning and structural analysis of its gene and organization of flanking regions.
- 327 **Riscoe, Michael Kevin.** 5'-methylthioadenosine and 5-methylthioribose : studies on their metabolism and function in mammalian cells.
- 328 **Zehfus, Micheal H.** Properties and conformation of P-form DNA.

Biochemistry and Biophysics—DOCTORS 1985

- 329 **Akiyoshi, Donna E.** Cytokinin biosynthesis in crown gall tumors.
- 330 **Chow, Kuan-chih W.** In vitro adenovirus DNA replication.
- 331 **Darussamin, Asril.** Reactions of horseradish peroxidase with the isothiocyanates of horseradish oil.
- 332 **Fujikura, Yuzo.** Lysophospholipase of germinating barley seeds.
- 333 **Weitz, Stephen L.** Alternatives to the DNA precursor-synthesizing enzyme complex hypothesis.
- 334 **Yager, Thomas D.** Nucleosome instabilities in physiological salt.

Biochemistry and Biophysics—DOCTORS 1986

- 335 **Ahern, Kevin.** Adenovirus replication in trans: a new replication pathway.
- 336 **Kuo, Huey-ju.** Factors affecting the activation of rabbit muscle phosphofructokinase by actin.
- 337 **Leeds, Janet M.** DNA precursor compartmentation in mammalian cells: distribution and rates of equilibration between nucleus and cytoplasm.
- 338 **Lundgard, Robert.** Characterization of different forms of lysophospholipase in barley.
- 339 **Mittelstaedt, Denice.** Rapid kinetic studies of thymidylate synthase.
- 340 **Ramsdell, Howard Scott.** Toxicity and in vitro metabolism of *Senecio jacobaea* pyrrolizidine alkaloids in the rat and mouse.

Biochemistry and Biophysics—DOCTORS 1987

- 341 **McMurray, Cynthia T.** The binding of ethidium bromide to chromatin : model for carcinogen interactions.
- 342 **Sargent, Roy Geoffrey.** Deoxyribonucleotides as determinants of DNA replication fidelity in bacteriophage T4.
- 343 **Staskus, Paul.** A double-stranded secondary structure for hyaluronic acid in aqueous-organic solvent as revealed by vacuum ultraviolet circular dichroism.

- 344 **Wang, Kai.** Adenovirus complementary strand synthesis in vivo.
- 345 **Yoo, Young Sook.** Generation and in vitro assembly evaluation of a site-specific deletion in *Escherichia coli* small subunit ribosomal RNA.

Biochemistry and Biophysics—DOCTORS 1988

- 346 **Compton, Larry A.** Circular dichroism spectroscopy and the conformational analysis of globular proteins in the native and denatured state.
- 347 **Olafsdottir, Kristin.** Mitochondrial glutathione and the effect of perturbed calcium homeostasis on rat hepatocyte thiols.
- 348 **Spiro, Craig.** Studies on DNA precursor metabolism in vaccinia virus-infected mammalian cells.
- 349 **Tirmenstein, Mark A.** Studies on the glutathione dependent protection of the cell nucleus against lipid peroxidation.

Biochemistry and Biophysics—DOCTORS 1989

- 350 **Abdul-Latif, Fazilah.** Modulation of translational fidelity by small subunit ribosomal RNA from *Escherichia coli*.
- 351 **Gross, Michael Karl.** Thymidine kinase mRNA and protein levels during myogenic withdrawal from the cell cycle : identification of an mRNA-independent regulatory mechanism.
- 352 **Moyer, Richard A.** Site-specific aflatoxin B₁ adduction of sequence-positioned nucleosome core particles.
- 353 **Tota, Michael R.** Interaction of the muscarinic acetylcholine receptor with effector proteins.
- 354 **Wang, Yeong.** Organization of T4 bacteriophage genes and gene products involved in DNA precursor biosynthesis.

Biochemistry and Biophysics—DOCTORS 1990

- 355 **Hu, Chin-Hwa.** Structural requirements for adenovirus DNA replication.
- 356 **Mun, Byung-joo.** Insights into mammalian DNA replication from analysis of mutations affecting deoxyribonucleotide biosynthesis.
- 357 **Rahman, Mohammad A.** Accessibility of highly conserved RNA sequences of *Escherichia coli* 70S ribosomes and implications for developing antibacterial agents.
- 358 **Shih, Ah Shing.** Structure and function of chromatin : studies at the nucleosome and nuclear matrix levels.
- 359 **Xu, Fu-yun.** Intramolecular and intermolecular strand hybridization during adenovirus DNA replication.
- 360 **Zhao, Zhizhuang.** Regulation of phosphofructokinase by reversible inactivation.

Biochemistry and Biophysics—DOCTORS 1991

- 361 **Bennett, Kelly L.** Sequence conversion during adenovirus DNA replication.
- 362 **Chang, Yung-jin.** Analysis of ras gene mutations in rainbow trout tumors.
- 363 **Dong, Feng.** Towards the understanding of the function of the histone "tails" with respect to the structure, stability, and function of chromatin.
- 364 **Lang, Walter H.** cDNA cloning and sequencing of *Octopus dofleini* hemocyanin.
- 365 **Schmidt, Edward Eric.** Repression of dihydrofolate reductase synthesis during myogenesis : identification and characterization of a transcriptional regulatory mechanism.

Biochemistry and Biophysics—DOCTORS 1992

- 366 **Almehdi, Mirza A.** The function and structural characteristics of conserved regions within *Escherichia coli* small subunit ribosomal RNA.

- 367 **Jean, Paul A.** Glutathione conjugation as a determinant in 1,2-dihaloethane and alpha-naphthylisothiocyanate toxicity.
- 368 **Loo, Deryk Thomas.** Nonsenecent serum-free mouse proastroblasts : extended culture, growth responses in vitro, and application to the culture of human embryonic astrocytes.
- 369 **Young, James Patrick.** Enzyme associations in deoxyribonucleotide biosynthesis : anti-idiotypic antibodies as probes for direct protein-protein interactions.
- 370 **Zhong, Lingxiu.** Dependence of secondary structure of biopolymers on environment : a circular dichroism study of equivocal amino acid sequences in proteins and of left-handed DNA.
- 371 **Zhou, Guangwen.** Stabilization of Z-DNA by demethylation of thymine bases : a crystallization and thermo-dynamic study of d(mp5sCGUAmp5sCG).

Bioresource Engineering—MASTERS 1991

- 372 **Fehringer, Ronald J.** A comparison of drift from hooded and open-boom agricultural sprayers.
- 373 **Ortega-Farias, Samuel Orlando.** Analysis of evapotranspiration by the Bowen Ratio, Penman, and hydrologic balance methods.

Bioresource Engineering—MASTERS 1992

- 374 **Axness, Daniel S.** Estimating ground cover via spectral data.
- 375 **Edgar, Thom G.** Feasibility study for a Tillamook County dairy waste treatment and methane generation facility.

Botany see—Botany and Plant Pathology

Botany and Plant Pathology—MASTERS 1983

- 376 **Bender, Carol Lavane.** Pathogenic specialization and heterothallism in *Sphaerotheca pannosa* var. *rosae*.
- 377 **Bouzar, Hacene.** A survey of *Agrobacterium* strains associated with Georgia pecan trees and an immunological study of the bacterium.
- 378 **Brown, Kevin R.** Growth and reproductive ecology of *Larix laricina* in interior Alaska.
- 379 **Churchill, Alice Cynthia Louise.** Growth properties of induced mutants of the common wheat-bunt fungus, *Tilletia caries*, in axenic culture and in planta.
- 380 **Johnson, Kenneth Bjorn.** Role of inoculum sources of *Botrytis cinerea* in the epidemiology of gray mold of snap beans.
- 381 **Kirkland, Marjorie Lynn.** The roles of *Verticillium dahliae*, *Colletotrichum atramentarium*, *Erwinia carotovora* subsp. *carotovora* and *E. carotovora* subsp. *atroseptica* in "early dying" disease of potatoes.
- 382 **Ried, Jeffrey L.** Genomic comparisons of seed-transmissible and non-seed-transmissible strains of cucumber mosaic virus.
- 383 **Schisler, David Albert.** The nature of *Fusarium* exclusion from coniferous forest soils : evidence of differential microbial involvement in forest vs. nursery soils.

Botany and Plant Pathology—MASTERS 1984

- 384 **Anderson, Dirk M.** Transposon-induced nutritional and virulence mutants in two pathovars of *Pseudomonas syringae*.
- 385 **Donoso, Teresa G.** The phytoplankton and limnological characteristics of Lago Rupanco, Osorno, Chile.
- 386 **Joyal, Elaine.** Ecology and reproduction in *Collomia macrocalyx* Brand (Polemoniaceae).

- 387 **Mitman, Grant Gregory.** Development, reproductive morphology, and cytology of *Halosaccion glandiforme* (Gmelin) Ruprecht (Rhodophyceae, Palmariales).
- 388 **Smith, Muriel K.** Characterization of strains of *Scenedesmus* resistant to the herbicide DCMU, (3-(3,4-dichlorophenyl)-1,1-dimethylurea).
- 389 **Snow, Billy Douglas.** Plant communities of the grassy balds of Marys Peak, Oregon.
- 390 **Yoder, Barbara J.** Comparative water relations of *Abies grandis*, *Abies concolor* and their hybrids.
- 391 **Zahora, Andrew Roy.** Methylisothiocyanate as a wood fumigant : fungitoxicity to *Poria carbonica* in wood and gelatin encapsulation for use in wood products.
- 392 **Angwin, Peter Andrew.** Environmental factors influencing the rate of spread of *Phellinus weirii* (Murr.) Gilbertson in young-growth Douglas-fir.
- 393 **Carre, Deborah Danielle.** Influence of atmospheric humidity and free water on germination and germ tube growth of *Botrytis cinerea* Pers.

Botany and Plant Pathology—MASTERS 1985

- 394 **Clark, Deborah Ann.** Influence of site, soil, and inoculum density on dwarf bunt (*Tilletia controversa* Kuhn) of winter wheat.
- 395 **Magee, Teresa K.** Invasion by trees into a grassy bald on Marys Peak, Oregon Coast Range.
- 396 **Meyer, Julie (Julie Rae).** Microbial changes and interactions in the rhizosphere of vesicular-arbuscular mycorrhizal plants.
- 397 **Shelly, J. Stephen.** Biosystematic studies of *Phacelia capitata* (Hydrophyllaceae), a species endemic to serpentine soils in southwestern Oregon.
- 398 **Trail, Frances.** The growth of wild-type and genetically-marked strains of *Tilletia caries* and *T. controversa* in susceptible and resistant wheat cultivars.

Botany and Plant Pathology—MASTERS 1986

- 399 **Baca, Steve.** Distribution and characterization of ice nucleation active strains of *Pseudomonas syringae* from diseased woody plants and grasses.
- 400 **Fredricks, Nancy Ann.** *Calochortus howellii*: ecology of a rare serpentine endemic, and comparison with the new species, *C. umpquaensis* (Liliaceae).
- 401 **Kerle, Elizabeth A.** The ecology of lupines in Crater Lake National Park, Oregon.
- 402 **Lightfoot, Richard (Richard Thomas).** Studies on the germination and growth of *Anisogramma anomala* Peck (Muller) in vitro.
- 403 **Lusk-Newman, Demaris E.** *Pseudaleuria quinaultiana*, a new genus and species of operculate ascomycete from the Olympic Peninsula.
- 404 **Postman, Joseph D.** Studies on canker in European filbert caused by *Anisogramma anomala*.
- 405 **Smith, Elaine D.** Ozone flux in *Helianthus annuus* (L.).

Botany and Plant Pathology—MASTERS 1987

- 406 **Goldfarb, Barry.** *Trichoderma* spp. : distribution in stumps infested with *Phellinus weirii* and growth and antagonism in vitro.
- 407 **Hural, Kirsten.** Influence of atmospheric humidity on sporulation of *Sphaerotheca pannosa* (Wallr.) Lev. var. *rosae* Wor.
- 408 **Malvick, Dean K.** Survival and dispersal of *Pseudomonas syringae* in a maple nursery and pear orchard.
- 409 **Marsden, Katherine E.** Cytokinin antagonists and antibiotics related to nalidixic acid : effects on *Phaseolus* and *Nicotiana* callus tissues.

- 410 **Mpunami, Anatolia.** Purification and partial characterization of a virus associated with korogwe leaf spot disease of sisal.
- 411 **Walter, Michael H.** Double-stranded RNA isolated from grapevine affected by grapevine stem-pitting disease.

Botany and Plant Pathology—MASTERS 1988

- 412 **Bertoni, Gregory.** Biological and molecular characterization of wild type parental and nonpathogenic mutant strains of *Pseudomonas syringae* pathovars phaseolicola and syringae.
- 413 **Cappaert, Marlys R.** Irrigation water and plant density effects on the epidemiology of aerial stem rot of potatoes.
- 414 **Cook, Kathy L.** Distribution of *Acremonium coenophialum* in developing seedlings and inflorescences of *Festuca arundinacea*.
- 415 **Jochimsen, Kenneth N.** Evaluation of hop (*Humulus lupulus* L.) protoplast inoculation with *Prunus* necrotic ringspot virus.
- 416 **McDade, Mary Helen.** The source area for coarse woody debris in small streams in western Oregon and Washington.
- 417 **Nelson, Mark E.** Potential of *Trichoderma* sp. for inhibition of *Botrytis cinerea* and *Sclerotinia sclerotiorum* on snap beans.
- 418 **Sexton, Camille Marie.** The development and use of breaking radius and impact bending tests for measuring wood strength loss caused by basidiomycetes isolated from air-seasoning Douglas-fir.
- 419 **Shufelt, Eileen Marie.** Evaluation of assay systems for the determination of susceptibility of the hop (*Humulus lupulus*) to *Verticillium* wilt caused by *Verticillium dahliae*.
- 420 **Tidball, Carolyn Jean.** The biology and control of *Phytophthora* root and stem rot of apple rootstocks from stool beds.

Botany and Plant Pathology—MASTERS 1989

- 421 **Alverson, Edward R.** Biosystematics of parsley-ferns, *Cryptogramma* R. Br., in western North America.
- 422 **Gecy, Jeanne Leslie.** Propagule sources, disturbance characteristics and the initial establishment of riparian vegetation after debris flows.

Botany and Plant Pathology—MASTERS 1990

- 423 **Kaye, Thomas N.** Autecology reproductive ecology, and demography of *Astragalus australis* var. *olympicus* (Fabaceae).
- 424 **Knott, Elizabeth A.** Genetic diversity and interactions in populations of plants and pathogens.

Botany and Plant Pathology—MASTERS 1991

- 425 **Clark, Deborah Louise.** Factors determining species composition of post-disturbance vegetation following logging and burning of an old growth Douglas-fir forest.
- 426 **Meinke, Robert James** Biosystematic studies of the *Mimulus moschatus* complex in the Pacific Northwest.
- 427 **Merrifield, Kathryn J.** Population dynamics, extraction, and response to nematocides of three plant parasitic nematodes on peppermint (*mentha piperita* L.).
- 428 **Pfleeger, Thomas G. (Thomas George).** Organic pesticide modification of the species interactions in an annual plant community.
- 429 **Wright, Carolyn E.** A systematic and ecological study of *Astragalus diaphanus* (Fabaceae).

Botany and Plant Pathology—MASTERS 1992

- 430 **Holah, Jennifer C.** Effects of *Phellinus weirii* on plant community composition and succession of mature and old-growth Douglas-fir forests.

- 431 **Lolas, Mauricio.** Response to fenamiphos, extraction techniques and population dynamics of *Pratylenchus penetrans* on western Oregon red raspberry.
- 432 **Ruttum, Joanne C.** Development of in vitro lily scale budlets as related to virus elimination.
- 433 **Wittig, Hans P. P.** Effect of resident epiphytic fungi development of brown rot blossom blight of stone fruits.

Botany and Plant Pathology—DOCTORS 1983

- 434 **Alvarez, Isabel Fernandez.** Nursery, cold storage, and field studies on western conifers inoculated with spores of *Pisolithus tinctorius*.
- 435 **Broich, Steven L.** A systematic study of *Lathyrus vestitus* Nutt. ex T. & G. (Fabaceae) and allied species of the Pacific Coast.
- 436 **Doubet, Scott.** Synthesis and assembly of *Fucus* zygote cell walls with an emphasis on alginic acid and fucans.
- 437 **Gallian, John J.** Effects of volatile fungicides on *Sphaerotheca pannosa* on rose.
- 438 **Gashaira, Bashir.** Brown rot of sweet cherry in western Oregon.
- 439 **Goodell, Jody Jellison.** Characteristics of the lentil strain of pea seedborne mosaic virus.
- 440 **Grybauskas, Arvydas P.** Forecasting *Pseudocercospora herpotrichoides* foot rot of winter wheat.
- 441 **Kentula, Mary E.** Production dynamics of a *Zostera marina* L. bed in Netarts Bay, Oregon.
- 442 **Michaels, Thomas Joseph.** In vitro culture and growth modeling of *Tuber* spp. and inoculation of hardwoods with *T. melanosporum* ascospores.
- 443 **Parke, Jennifer Lee.** Factors affecting the inoculum potential of VA and ectomycorrhizal fungi in forest soils of southwest Oregon and northern California.
- 444 **Szabo, Leslie J.** Genetic recombination of the integrative plasmid pMC7105 of *Pseudomonas syringae* pv. *phaseolicola* involves repetitive sequences.
- 445 **Whiting, Mark Carlos.** Distributional patterns and taxonomic structure of diatom assemblages in Netarts Bay, Oregon.

Botany and Plant Pathology—DOCTORS 1984

- 446 **Antos, Joseph A.** Responses of forest understory plants to burial by volcanic tephra from Mount St. Helens, Washington.
- 447 **Hessburg, Paul Francis.** Pathogenesis and intertree transmission of *Verticicladiella wageneri* in Douglas-fir (*Pseudotsuga menziesii*).
- 448 **Kelley, Randall David.** Location of prune dwarf and *Prunus* necrotic ringspot viruses in sweet cherry pollen and fruit.
- 449 **Pinkerton, John Nelson.** Relationship of *Pratylenchus penetrans* (Cobb, 1917) population density and yield of peppermint, *Mentha piperita* L..
- 450 **Ripley, James Douglas.** Description of the plant communities and succession of the Oregon coast grasslands.
- 451 **Stone, Catherine S.** Patterns in coastal marsh vegetation of the Juneau area, Alaska.

Botany and Plant Pathology—DOCTORS 1985

- 452 **Ballo, Barbara.** The effects of abscisic acid on gene expression during wheat germination.
- 453 **Hunt, Gary.** Soil fungal hyphal dynamics and seasonal hypogeous sporocarp production in western Oregon Douglas-fir forests.

- 454 **Kough, John Lawrence.** Relationship of extra-matrical hyphae of vesicular-arbuscular mycorrhizal fungi to plant growth response.
- 455 **Poplawsky, Alan R.** Characterization of the replication, incompatibility, and recombination regions of *Pseudomonas syringae* pv. *phaseolicola* plasmid pEXC8080.
- 456 **Przybyłowicz, Paul.** Establishment of *Poria carbonica* in wood and colonization by basidiomycetes of Douglas-fir utility poles during air seasoning.
- 457 **Stewart, Glenn H.** Forest structure and regeneration in the *Tsuga heterophylla* - *Abies amabilis* transition zone, central Western Cascades, Oregon.
- 458 **Woods, Wendy W.** Responses of algal populations to parasitism by *Aphelidium chlorococcarum* and chytrids in an Oregon sewage lagoon.

Botany and Plant Pathology—DOCTORS 1986

- 459 **Apple, Jeanne Debons.** A potato growth and production model.
- 460 **Dalton, David Andrews.** Investigations into the physiology of nitrogen fixation: Part I. Nickel metabolism of plants and bacteria: Part II. Peroxide scavenging in soybean root nodules.
- 461 **Ehrenshaft, Marilyn.** Integration and excision of pMMC7105 in *Pseudomonas syringae* pv. *phaseolicola* occur by recombination between copies of a repetitive IS-like sequence.
- 462 **Hennon, Paul Edward.** Pathological and ecological aspects of decline and mortality of *Chamaecyparis nootkatensis* in southeast Alaska.
- 463 **Nielsen, Gary R. (Gary Richard).** The spatial distribution of wood-nesting ants in the central Coast Range of Oregon.
- 464 **Williamson, John D. (John David).** The effects of abscisic acid on gene expression during embryogenesis in wheat.

Botany and Plant Pathology—DOCTORS 1987

- 465 **Chatfield, J. Mark.** Cytokinin oxidase activity from *Phaseolus vulgaris* L. cv. Great Northern callus tissues.
- 466 **Halpern, Charles B.** Twenty-one years of secondary succession in *Pseudotsuga* forests of the western Cascade Range, Oregon.
- 467 **Harmon, Mark E.** Logs as sites of tree regeneration in *Picea sitchensis*-*Tsuga heterophylla* forests of coastal Washington and Oregon.
- 468 **Schisler, David Albert.** Microbial analysis of coniferous forest and nursery soils : effects of ectomycorrhizae, volatiles, and humic-rich organic substrates.

Botany and Plant Pathology—DOCTORS 1988

- 469 **Bouzar, Hacene.** Serological identification of common and strain-specific antigens in *Agrobacterium*.
- 470 **Steinman, Alan D.** Effects of current velocity, irradiance, and herbivory on algal assemblages in laboratory streams.

Botany and Plant Pathology—DOCTORS 1990

- 471 **Angwin, Peter Andrew.** Genetics of sexuality and population genetics of *Phellinus weirii*.
- 472 **Evenden, Angela G.** Ecology and distribution of riparian vegetation in the Trout Creek Mountains of southeastern Oregon.
- 473 **Fernandez, Jesus Perez.** *Rhynchosporium orthosporum* in orchardgrass, isolation frequency, colonization, variability, and an evaluation of cultivar resistance.
- 474 **Lewis, Katherine JoAnn.** Epidemiology and population biology of *Inonotus tomentosus* as a pathogen of forests of British Columbia.

- 475 **Sugar, David.** The disease cycle of side rot of pear, caused by *Phialophora malorum*.
- 476 **Whitesides, Steven K.** Epidemiology of disease caused by *Pseudomonas syringae* as an epiphyte and its frequency, distribution, and characteristics as an endophyte of pear.

Botany and Plant Pathology—DOCTORS 1991

- 477 **DeNicola, Dean M.** Effects of substrate relief, light intensity and herbivory on the distribution and abundance of periphyton in laboratory streams.
- 478 **Fernando, W. Gerard Dilantha.** Biology, epidemiology, and biological and chemical control of *Phytophthora vignae*.
- 479 **Ianson, David C.** Variation in plant response to inoculation with different isolates of vesicular arbuscular mycorrhizal fungi.
- 480 **Ingersoll, Cheryl A.** Plant reproductive ecology and community structure along a sub alpine snowmelt gradient.
- 481 **McCluskey, Kevin.** Molecular karyotyping of *Ustilago hordei* and related smut fungi.

Botany and Plant Pathology—DOCTORS 1992

- 482 **Boudreau, Mark Alan.** Effects of intercropping beans with maize on angular leaf spot and rust of beans.
- 483 **Cázares, Efrén.** Mycorrhizal fungi and their relationship to plant succession in subalpine habitats.
- 484 **Finckh, Maria Renate.** Interactive effects of stripe rust and plant competition in heterogeneous wheat populations.
- 485 **Meinke, Robert James.** Systematic and reproductive studies of *Mimulus* (Scrophulariaceae) in the Pacific Northwest : implications for conservation biology.
- 486 **O'Dell, Thomas E.** Mycorrhizal and other root endophytic fungi of lupines in the Pacific Northwest.

Chemical Engineering—MASTERS 1983

- 487 **Barton, Kathleen Patricia.** Calcium carbonate scaling in a deluged dry cooling system.
- 488 **Davis, Daniel Scott.** Absorption of oxygen in water using a multi-stage, crosscurrent packed column.
- 489 **Kirk, Raymond W.** The simulated and measured performance of rotary dryers used to dry wood waste fuels using boiler exhaust gases.
- 490 **Lahm, Lawrence.** Effects of water quality and surface temperature on the scaling characteristics of cooling tower water.
- 491 **Lee, Robert Liang-heng.** The optimal spacing between two plunging jets for oxygen absorption.
- 492 **Roy, Bhasker Vilva.** Fouling characteristics of cooling tower water: pH effect.

Chemical Engineering—MASTERS 1984

- 493 **Cates, David Lawrence.** Calcium sulfate scaling under boiling conditions.
- 494 **Imdakm, Abdussalam Omar.** Fouling of heat transfer surfaces under forced circulation boiling condition.
- 495 **Towle, Betsy.** Oxygen absorption in water using a multiple stage crosscurrent packed tower with and without recycle.

Chemical Engineering—MASTERS 1985

- 496 **Danko, Joseph P.** A study of chemical equilibria in the kraft smelt dissolving system.
- 497 **Gilson, Thomas L.** A computer model of two component mass transfer from single rising gas bubbles in water.
- 498 **Herbig, Scott M.** Solubilities of various salts in cooling tower water and a correlation to determine their scaling threshold.
- 499 **Obuskovic, Nevenka S.** Heat transfer between moving beds of solids and a transverse finned tube.

500 **Sanz, Carlos C.** Strategies for process flowsheeting.

Chemical Engineering—MASTERS 1986

- 501 **Couturier, Patrick.** Experimental studies of internal model control.
- 502 **Frederick, Nicholas D.** Plain and finned tube scaling in a deluged dry cooling system.
- 503 **Yoon, Woon-young.** Water quality effect on fouling of the heat transfer surface under forced circulation boiling condition.

Chemical Engineering—MASTERS 1987

- 504 **Daniel, Tyrone.** Nucleate boiling in a vertical annular duct.
- 505 **Jones, Timothy J.** The solubility of naphthalene in supercritical carbon dioxide : a comparison of the compressed-gas and expanded-liquid treatments.
- 506 **Oufer, Lounes.** Nucleate boiling of various fluids in a thermosiphon reboiler.

Chemical Engineering—MASTERS 1988

- 507 **Luh, Song-ping.** The cloud point composition and flory-huggins interaction parameters of polyethylene glycol and sodium lignin sulfonate in water-ethanol mixtures.

Chemical Engineering—MASTERS 1989

- 508 **Adolf, Ronald L.** Preliminary study on the effect of pH on the treatment of lead contaminated wastewaters with ozone.
- 509 **Al Dahhan, Muthana H.** Design of liquid-liquid contractor for the experimental studies of mass transfer : the evaluation of interface mass transfer coefficients on the binary system water-n-butanol.
- 510 **Chandan, Bhaskar Arjundev.** Periodate oxidation of cellulose - a complete kinetic study.
- 511 **Gasteiger, Hubert A.** Mechanism and equilibrium modeling of aluminosilicate scaling in alkaline media.
- 512 **Kelly, Barry.** A computer program to solve aqueous inorganic equilibrium systems using Pitzer's method to determine activity coefficients.
- 513 **Lee, Euisang.** Temperature effects on surface energetic parameters evaluated at solid/liquid interfaces.
- 514 **Liu, Daming.** Modeling the conversion of glucose to hydroxymethylfurfural.
- 515 **Yasuda, Dean D.** Modeling the conversion of arabinose to furfural.

Chemical Engineering—MASTERS 1990

- 516 **Kang, Sun Ki.** Iron oxidation by Thiobacillus ferrooxidans.
- 517 **Knott, John A.** Bioleaching of coal in fluidized bed.
- 518 **Pashak, Jeffrey J.** Design of a heat exchanger network to challenge controller design methods.
- 519 **Sahle-Demessie, Endalkachew.** Dynamic modeling of thermal treatment of timber poles.

Chemical Engineering—MASTERS 1991

- 520 **Al-Malah, Kamal Issa Masoud.** gbs-Lactoglobulin adsorption equilibrium at low - and high-energy surfaces.
- 521 **Harvey, Glenn B.** Computer assisted design of humidification equipment.
- 522 **Lin, Dah-cheng.** Fouling characteristics of a desalted crude oil.
- 523 **Luey, Ja-Kael.** The effect of pH and ionic strength on the adsorption of gbs-lactoglobulin onto well-characterized silicon.

Chemical Engineering—MASTERS 1992

- 524 **Henderson, Kelley.** Oxygen mass transfer and shear sensitivity studies during cultivation of *Nicotiana tabacum* var. Wisconsin 38 in a stirred-tank bioreactor.
- 525 **Kokron, Carlos J.** Modeling large temperature swings in heat regenerators using orthogonal collocation.
- 526 **Kraisuwansarn, Nichakorn.** Simulation of a membrane reactor for ammonia decomposition.
- 527 **Lourvanij, Khavinet.** Reactions of glucose in H-Y zeolite catalysts.
- 528 **Matandos, Marcio.** Use of orthogonal collocation in the dynamic simulation of staged separation processes.
- 529 **Sinquefield, Scott A.** A microcomputer software package for simulation of non-ideal aqueous electrolyte systems at equilibrium.

Chemical Engineering—DOCTORS 1983

- 530 **Daous, Muhammad A.** Measuring and modeling solids movement in a large, cold fluidized-bed test facility.

Chemical Engineering—DOCTORS 1985

- 531 **Colakyan, Manuk.** Moving bed heat transfer and fluidized elutriation.

Chemical Engineering—DOCTORS 1987

- 532 **Santoso, Elisabeth.** Fouling characteristics of cooling tower water containing corrosion inhibitors.
- 533 **Turton, Richard.** Heat transfer studies in fine particle fluidized beds.

Chemical Engineering—DOCTORS 1988

- 534 **Cho, Jong Soo.** Gas absorption in a countercurrent packed tower : (1) Absorption with simultaneous chemical reaction (2) absorption into varying viscous solutions.
- 535 **Kim, Hee-taik.** Prediction of thermodynamic properties of aqueous electrolyte solutions.

Chemical Engineering—DOCTORS 1989

- 536 **Abu-Al-Saud, Abdullah A.** The effect of copolymer and iron on the fouling characteristics of cooling tower water containing corrosion inhibitors.
- 537 **Al-Zahrani, Abdulrahim.** Modeling and control studies of a magnetically-staged fluidized bed.
- 538 **Obuskovic, Nevenka S.** Heat transfer between moving beds of solids and a vertical tube.
- 539 **Yoon, Woon-young.** A study of liquor side fouling in sulfite spent liquor evaporators.

Chemical Engineering—DOCTORS 1990

- 540 **Oufer, Lounes.** Fouling characteristics of organic fluids.

Chemical Engineering—DOCTORS 1991

- 541 **Krisdhasima, Viwat.** gbs-lactoglobulin adsorption equilibrium and kinetics at silanized silica surfaces.

Chemistry—MASTERS 1983

- 542 **Campi, Gregory Louis.** A reaction rate determination of aluminum with a microcomputer-based spectrofluorometer.
- 543 **Chong, Elee Elizabeth.** Classification of stationary phases in gas chromatography.
- 544 **Johnson, Paul Robert.** Condensation of crotonic and tiglic acids with aldehydes and ketones.
- 545 **McGlothlan, J. Kirk.** Reduction of zirconium(IV) at a Pt microelectrode in fused equimolar sodium chloride-potassium chloride.
- 546 **Tang, Fa-tai.** The diffusion coefficient of propane in helium.

Chemistry—MASTERS 1984

- 547 **Keasler, Kenneth M.** Two studies concerning rare earth elements : I. Rare earth DTPA complexes as estuarine hydrological tracers : II. Rare earth elemental concentrations in some Pacific Northwest rivers.
- 548 **McDaniel, Dawn Marie.** Chemical analysis for boron in nuclear reactor coolant water.
- 549 **Radke, Garold E.** Integration methods for enzymatic analysis response curves which show maxima, minima or inflections.

Chemistry—MASTERS 1985

- 550 **Engbrecht, Jeffrey Ronald.** Chiral synthesis of alcohols via asymmetric epoxidation.
- 551 **Hopkins, Glen A.** Vibrational spectroscopy of hydrogen bonded species.
- 552 **Ikeda, Marcia Sakiko.** Speciation of inorganic arsenic by hydride generation atomic absorption spectroscopy.
- 553 **Pesklak, William Charles.** Laser induced nonresonance atomic fluorescence observations in an analytical laser microprobe plume.
- 554 **Tafesh, Ahmed Mohammed.** Mechanistic studies of vinylic carbenes in dimethyl sulfoxide.
- 555 **Woo, Nam-tae.** Metabolism of L-gas-arginine in the biosynthesis of blasticidin S.

Chemistry—MASTERS 1986

- 556 **Dodo, Gerald Haruo.** Mass-flow control system utilizing flow-feedback for gas chromatography.
- 557 **Fields, Lawrence D.** Some recent developments in the theory of significant figures and their applications to chemical instrumentation.
- 558 **Sun, Kenneth Cheung-Ping.** Synthesis and low-temperature Mossbauer effect investigation of intermediate-spin halobis (N,N'-dialkyldithiocarbamate) iron (III) complexes.

Chemistry—MASTERS 1987

- 559 **Ghodoussi, Vahid.** Factors influencing the competitive rates of free-radical addition of ethyl 2-bromocarboxylates to selected alkene pairs.
- 560 **Huang, Yo-hsin.** The photochemistry of some polyhalobenzenes.
- 561 **Mahiou, Belaid.** An evaluation of charge generation in hydrogen atom abstraction processes : the reaction of homoaryl and heteroarylmethanes with t-butoxy radical.
- 562 **Runyan, Mark Talbott.** A stereochemically controlled approach to the morphine alkaloids : racemization of 8,9-benzo-4,5-dihydro-6,7-pyrido[4,3-d] oxanin-3(2H)-ones.
- 563 **Starbuck, Brian J.** Ion-pair high pressure liquid chromatography techniques for the determination of quaternary ammonium compounds.
- 564 **Wuerch, Stephen Edward.** A study of the chemistry of diisopropyl-, cyclopropylisopropyl-, and dicyclopropylcarbene.

Chemistry—MASTERS 1988

- 565 **Lee, Youn-Sik.** The photochemistry of polychlorobenzenes in micellar media.
- 566 **Salinas, John T.** A critical comparison of methods for the determination of phytoplankton chlorophyll.
- 567 **Seckin, Turgay.** Polybenzimidazole synthesis from compounds with sulfonate ester linkages.
- 568 **Warrier, Ulhas S.** Synthesis of a model of the spiroketal portion of avermectin B.

- 569 **White, Edward D., III.** Synthetic transformations of shikimic acid.

Chemistry—MASTERS 1989

- 570 **Casey, Coreen.** Target fragmentation in the interaction of 12-16 MEV/NUCLEON p3sp2sS with p1sp6sp5sHO.
- 571 **Fahey, Jefferson Vincent.** Electrochemistry at a reticulated vitreous carbon flow electrode.
- 572 **Nelson, Jeffrey Stephen.** Synthesis and oligomerization of γ , 4-Diamino-2-oxo-1(2H)-pyrimidinepentanoic acid.
- 573 **Waddle, Robert D.** The determination of gasoline and alkyl benzenes in aqueous solution and the development of a remote reaction chamber for fiber optic remote sensing.

Chemistry—MASTERS 1991

- 574 **Gander, Stuart C.** Development of automated flow injection apparatus and a novel flow cell for chemi- and bioluminescence determinations.
- 575 **Jiang, Nan.** Syntheses of labeled putative intermediates in acivicin biosynthesis.
- 576 **Sule, Pushkar Anant.** Studies of chemical speciation of trace metals in natural waters using an on-line electrochemical cell and ion exchange system.

Chemistry—MASTERS 1992

- 577 **Akella, Annapoorna.** The synthesis of macrolactones from [omega]-hydroxyacyl xanthates.
- 578 **Al-Kahtani, Abdullah A.** High resolution spectroscopy of BeBb2sHb8s and Cb2sHb6s.
- 579 **Schmidt, Robert Dean.** Investigations into the mechanism of the photodechlorination of pentachlorobenzene.
- 580 **Siemion, Edward V.** Pyridine reagents for chloroform determination with a fiber optic chemical sensor.
- 581 **Wang, Haiyan.** Advances in solid phase synthesis of neutral oligonucleotide analogues.

Chemistry—DOCTORS 1983

- 582 **Ambrose, Arthur Sigurd.** Development of trace enrichment techniques for trace metals in natural waters using high pressure liquid chromatography.
- 583 **Chong, Wesley Kwan Mung.** Phenolic oxidative coupling : an approach to the synthesis of pretazettine.
- 584 **Danino, José C.** Carbene rearrangements : intramolecular interaction of a triple bond with a carbene center.
- 585 **Elliott, Colin Bruce.** Application of flow injection analysis to enzymatic fluorescence kinetic methods.
- 586 **Smith, Monty Ray.** A chemical and petrological study of igneous lithic clasts from the kapoeta howardite.

Chemistry—DOCTORS 1984

- 587 **Bares, Steven J.** Laser excited fluorescence and vibrational relaxation of matrix isolated metal oxides.
- 588 **Collins, Paul R.** An investigation of the clustering of divalent cations in potassium bromide.
- 589 **Dewald, Lamar Robert.** A microcomputer automated anodic stripping voltammetric analyzer for trace heavy metal speciation.
- 590 **Kang, Myung Chol.** Studies on the synthesis of the "northern" and "southern" segments of boromycin and aplasmomycin.
- 591 **Lundeen, Thomas F.** Nonlinear Raman spectroscopy of gases.
- 592 **Stirchak, Eugene P.** Applicability of the Diels-Alder reactions of o-quinones towards the synthesis of quassinoids and preparation of oxygenated benzeneacetic acids.

- 593 **Weller, Doreen L.** An approach to the morphine alkaloids : synthesis of 9-methoxy-3-methyl-2,3,4,4a,5,6-hexahydro-1H-benzofuro[3,2-e]isoquinoline-7(7aH)-ones.
- 594 **Wells, Fred V.** Magnetic studies of bis(dialkylthiocarbamato)iron(III) and bis(dialkyldiselenocarbamato)iron(III) complexes.

Chemistry—DOCTORS 1985

- 595 **Bennett, Casey Wayne.** Microcomputer controlled chemical and radiochemical separations and analysis.
- 596 **Eierman, Robert J.** Nitrogen isotope abundance ratio determination using molecular emission spectrometry.
- 597 **McAfee, Lyle Vernon.** Cocondensation products of molybdenum trioxide with water, carbon disulfide, and various small organic molecules.
- 598 **Neyzari, Shahrokh Ghaffari.** Design and application of a microcomputer automated multielement flame atomic fluorescence instrument.
- 599 **Nolen, Ernest G.** Approaches toward the asymmetric synthesis of pillaromycin A.
- 600 **Yappert, Marta Cecilia.** Design, construction and application of an instrument for simultaneous measurement of molecular fluorescence, absorbance and chemiluminescence.

Chemistry—DOCTORS 1986

- 601 **Bolkan, Steven A.** Studies of low melting 1-methyl-3-ethylimidazolium chlorocuprate(I) fused salts.
- 602 **Cammack, Janice H.** Approaches toward synthesis of the mycosporins.
- 603 **Hindagolla, Suraj L.** A study of the oxide/solution interface by capacitance measurements of electrolyte/oxide/semiconductor structures and potentiometric titrations of colloidal oxide suspensions.
- 604 **Kraus, Robert Henry.** Holmium target fragmentation induced by intermediate energy p12sC and p16sO ions.
- 605 **Ramus, Terry Lee.** Determination of chlorinated hydrocarbons by response factor calibration.
- 606 **Theramongkol, Parinya.** Chiral synthesis of monic acid C.

Chemistry—DOCTORS 1987

- 607 **Barkowski, Sarah Lee.** Gaseous electron-diffraction investigations : molecular structure, intramolecular hydrogen bonding, and anti-gauche composition of ethane-1,2-dithiol and 2-aminoethanethiol.
- 608 **Bozlee, Brian J.** Application of laser spectroscopy to structure and dynamics of small molecular systems.
- 609 **Church, Sara E.** Structural effects of intrinsic and extrinsic perturbations to model membranes.
- 610 **Daruwala, Khushroo Peshotan.** Substituent control in the oxy-Cope rearrangements of 1-vinyl-trans-cyclotridec-3-en-1-ol systems.
- 611 **French, Richard J.** An electron-diffraction investigation of the molecular structures of gaseous chromyl fluoride (CrOb2sFb2s), tribromooxonioibium(V) (NbOBrb3s), tribromosulfidoniobium(V) (NbSBrb3s), and dichlorotrifluorophosphorane (PFb3sClb2s).
- 612 **Hill, David E. (David Edwin).** Approaches to the total synthesis of verrucarol.
- 613 **James, Corinne Patricia.** Simple models for the structure and dynamics of polyatomic fluids.
- 614 **Pubanz, George A.** Nonlinear Raman spectroscopy in supersonic jets.
- 615 **Siggel, Lorenz.** The photochemistry of some insect juvenile hormone analogs.

- 616 **Siggel, Michele Ruth Fisher.** Experimental and theoretical investigation of the ability of oxygen-containing molecules to accept charge.
- 617 **Van Engelen, Debra L.** Selective detection for gas chromatography by ultraviolet spectrometry.
- 618 **Vasquez de Montalvo, Socorro I.** Analytical and mechanistic studies of the chemiluminescence oxidation of hydroxy-containing compounds.

Chemistry—DOCTORS 1988

- 619 **Dantanarayana, Anura Pathmasiri.** Synthesis of two subunits of avermectin B1a.
- 620 **Erickson, W. Randal.** Studies on advanced intermediates in the biosynthesis of streptonigrin.
- 621 **Huffman, David Earl.** Studies in molybdenum oxide catalysts : I. Metal vapor reactions of molybdenum trioxide with various alkoxy silanes : II. Investigation of oxide supported molybdenum catalysts prepared from molybdenum(VI)dioxodiethoxide.
- 622 **Jayasinghe, Lalith Ratnasiri.** Approaches to the synthesis of the macrolactone pyrrolizidine alkaloids (-)-integerrimine and (+)-usaramine.
- 623 **Kazerouni, M. Rahim.** Conformational analysis, ethylene glycol and ethylenediamine : an electron diffraction investigation of the molecular structures, compositions, anti-gauche energy differences and entropy differences.
- 624 **Lee, Gae Ho.** Sample entraining multi-electrode plasma sources for atomic emission spectroscopy.
- 625 **Liu, Yan.** Development of automated on-line ion exchange systems for the determination of chemical speciation of trace metals in natural waters.
- 626 **Pallenberg, Alexander J.** Synthesis of metabolites from the ascomycetes : I. The synthesis and absolute configuration of leptosphaerin : II. Approaches to the synthesis of byssochlamic acid.
- 627 **Reddy, Guvvala Nagabhushana.** Absolute stereochemistry and total synthesis of botryococcene.
- 628 **Sanguanruang, Oravan.** [Lambda hyperon]-((R)-cysteinesulfenamido-N,S) bis (ethylenediamine) cobalt(III) complex : Characterization of the complex and kinetics and mechanism of formation and base-catalyzed decomposition.
- 629 **Schussel, Leonard J.** Synthesis and oxidation of metal-thiolate compounds which mimic the active site function of thiolate dioxygenase enzymes.
- 630 **Shields, James Phillip.** Design, construction, and characterization of a six-electrode, direct current, variable length plasma source for atomic emission spectroscopy.
- 631 **Somers, Todd Charles.** Structural and synthetic studies of higher terpenoids : Part I. The absolute configuration of (-)-botryococcene : Part II. Total synthesis of (-)-2-desoxystemodinone.
- 632 **Wityak, John.** Studies on the biosynthesis of the streptolidine moiety of streptothricin F.

Chemistry—DOCTORS 1989

- 633 **Hein, Scott J.** The development of a high spectral-resolution laser-excited molecular fluorescence system and its application to gas chromatography and the determination of polynucleararomatic hydrocarbons.
- 634 **Kim, Gyu Shik.** Synthesis, properties and structural characterization of novel oxo, nitrido molybdenum compounds with alkoxy and siloxy ligands.
- 635 **Kim, Hyo-jin.** Fundamental studies of a gas-jet enhanced sputtering system and its applications.
- 636 **Prabhakaran, P. C.** Biosynthesis of blasticidin S : mechanistic and stereochemical investigations.

Chemistry—DOCTORS 1990

- 637 **Beck, Rainer D.** High resolution stimulated raman spectroscopy.
- 638 **Chung, Hyung-Keun.** Microcomputer-based fluorometric kinetic determination of ascorbic acid and flow injection analysis methods for interference correction and kinetic determinations based on the peak profile.
- 639 **Eisenberg, Rodney L.** Studies of the biosynthesis of Sarubicin A..
- 640 **Huang, Jinfan.** Gaseous electron-diffraction investigations : I. Molecular structures of Os (CO)₅S, Ru (CO)₅S, and CrOFb₄s. II. Molecular structures and anti-gauche compositions of BrCHb₂s, CHb₂s,F, BrCHb₂sCHb₂sCl, C1CHb₂sCHb₂sF, C1b₂sCHCHC1b₂s, and FCHb₂sCHb₂sOH.
- 641 **Jayasinghe, Dudley Shelton.** The distribution of organic bases in reverse phase liquid chromatography : a study of mechanisms.
- 642 **Liu, Yun-gang.** A chemical and petrographic study of refractory inclusions from Kaba (CV3) chondrite.
- 643 **Mahiou, Belaid.** Atom abstraction from exocyclic positions of derivatives of methylated pyridines and quinolines : an evaluation of charge separation in the transition states of these reactions.
- 644 **McGuire, Joseph.** The characterization and simplex optimization of a variable-diameter, multielectrode, direct current plasma for atomic emission spectroscopy.
- 645 **Mokler, Scott M.** GaAs (100) surface chemistry : interactions with molecular chlorine and sulfur compounds.
- 646 **Smith, Robert W.** Structure and properties of new, complex copper and zinc borates.
- 647 **Sun, Hongxing.** Syntheses and structures of new inorganic borates.
- 648 **Triggs, Nancy E.** Coherent anti-stokes raman spectroscopy of transient species.
- 649 **Xiao, Guang.** Analytical chemistry of pentazocine metabolites produced by the greyhound.

Chemistry—DOCTORS 1991

- 650 **Chang, Yoon-seok.** The synthesis and electron capture negative ion mass spectrometry of polychlorinated diphenyl ethers and dibenzofurans.
- 651 **Chen, Xiao.** A new general method for the optimization of HPLC ternary of pseudo-quaternary mobile phases and the separation of two new metabolites of nefopam from greyhound urine.
- 652 **Clapp, Gary E.** Reactive intermediates: I. The mechanisms of photodehalogenation of three tetrachloronaphthalenes : II. Structure and electronic effects in some selected carbenes.
- 653 **Huang, Sung-ben.** Synthesis and oligomerization of Delta, 4-diamino-2-oxo-1 (2H)-pyrimidinehexanoic acid.
- 654 **Jang, Jung-suk.** Photochemistry of some bromoarenes.
- 655 **Johnson, Alan T. (Alan Thomas).** Total synthesis of (+)-bourgeanic acid and conformational analysis of its dilactone.
- 656 **Ju, Shyh-chen.** Biosynthesis of acivicin and 4-hydroxyacivicin.
- 657 **Lee, Kyung Hee.** Coherent anti-Stokes Raman spectroscopy of acetylene clusters.
- 658 **Mischenko, John.** Preparation and investigation of model surfaces for the study of Ziegler-natta catalysis.
- 659 **Ri, Chang-seop.** Surface structural studies of the titanium/chlorine system.
- 660 **Schilk, Alan J.** Chemical and statistical analyses of chondrules from the Mokoia (CV3) meteorite.

- 661 **Shen, Ben.** LL-C10037gas and MM 14201 : structure, biosynthesis and enzymology of two epoxysemiquinone antibiotics.
- 662 **Yang, Ming.** Coherent raman spectroscopy of molecular clusters.
- 663 **Zhang, Wan-jia.** A mechanistic study of the distribution of amphiphilic organic compounds between water and organic sorbents.

Chemistry—DOCTORS 1992

- 664 **Brown, Kirk Wray.** Coherent raman spectroscopy of non-polar molecules and molecular clusters.
- 665 **Krosley, Kevin W.** Part I. The identity of the chain propagating radical (s) in photoinitiated benzylic bromination by bromotrichloromethane; Part II. Chlorine atom abstraction from gas- and gbs-chloroepoxides by the triphenyltin radical.
- 666 **Louch, Jeff.** Fiber optic sensors and spectrometry for the detection of volatile gem-polyhalogenated hydrocarbons.
- 667 **Miller, Robert James.** Characterization and applications of polyphenol chemiluminescence reactions and flow cell instrumentation.
- 668 **Thompson, Paul Douglas.** Synthesis and characteristics of new solid-state borates.

Civil Engineering—MASTERS 1983

- 669 **Allen, Tony Michael.** Properties of geotextiles in cold regions applications.
- 670 **Leach, Patrick A.** Hinged floating breakwater: theory and experiments.
- 671 **Rieke, Ross D.** The role of specific surface area and related index properties in the frost susceptibility of soils.
- 672 **Teng, Chung-chu.** Hydrodynamic forces on a horizontal cylinder under waves and current.
- 673 **Wilson, Charles Ralph.** Dynamic properties of naturally frozen Fairbanks silt.

Civil Engineering—MASTERS 1984

- 674 **Dodson, Timothy Joe.** Influence of geotextile permeability on stability of rubble shore protection structures.
- 675 **Hammer, Theodore A.** Dynamic properties of naturally frozen ice.
- 676 **Hollings, William H.** Field verification of a mathematical model for the physical fate prediction of dredged material instantaneously disposed at sea.
- 677 **Lee, Chyuan-shen.** A linkage finite element for nailed composite wood I-Beams and T-Beams.
- 678 **Lin, Li-hwa.** The analysis of directional wave spectra from current and pressure measurements.
- 679 **Mills, Keith A.** Mechanics and movement of the Lookout Creek Earthflow.
- 680 **Pratt, Randy C.** Simplified stability assessment for low volume road cut and fill slopes.
- 681 **Stoupa, Joan.** Behavior and load carrying capacity of stump anchors.
- 682 **Tabesh, Taraneh.** Analysis of dichotomous response models for low-dose carcinogenic risk estimation.
- 683 **Wurst, Philip L.** Centrifugal modeling to investigate ice forces and ice floe failure mechanisms on a vertical pile.
- 684 **Young, Raymond A.** Coupled response of compliant offshore platforms.
- 685 **Zimmerman, Michael E.** Nonlinear dynamic response of bottom-land deep ocean pipelines.

Civil Engineering—MASTERS 1985

- 686 **Thielen, David Leo.** Evaluation of ocean wave-induced liquefaction in a large scale wave flume.

Civil Engineering—MASTERS 1986

- 687 **Clough, Herbert F.** The application of centrifugal modeling to determine ice forces on isolated circular structures.

Civil Engineering—MASTERS 1987

- 688 **Dolan, Mark E.** The effect of organic sorbent concentration on sorption kinetics.
- 689 **Ely, Roger L.** Startup and performance of a gas-permeable-membrane-supported (GPMS) biofilm system using a mixed culture of methylotrophs to degrade methylene chloride, chloroform, and carbon tetrachloride.
- 690 **Patrier, Lionel.** A kinetic approach for the determination of sorption rate constants using a column-type reactor.
- 691 **Szymoniak, Tom.** Development of a standard accelerated weathering test for aggregates using dimethyl sulfoxide (DMSO).

Civil Engineering—MASTERS 1988

- 692 **Celorie, Jay A.** Modeling solute transport by centrifugation.
- 693 **Cork, Tracy D.** The fate of hydrophobic organic compounds in soil systems : a kinetic model and sensitivity analysis.
- 694 **Low, Edmond J.** A method of PCB metabolite determination in anaerobic freshwater sediments using a upflow anaerobic biofiltration process (ANBIOF).
- 695 **Polonsky, Jon D.** The development of a gas-permeable-membrane-supported (GPMS) biofilm reactor for the combined anaerobic/aerobic treatment of polychlorinated biphenyls.
- 696 **Ryan, Kelly M.** Development of a method to elucidate biodegradation pathways of chlorinated one and two carbon compounds using a gas-permeable-membrane-supported methylotrophic biofilm.
- 697 **Saunders, George P.** Laboratory investigation of the mechanics of raveling soils.
- 698 **Simpson, Randall C.** Long cables under steady ocean loads with coupled tension/torsion.

Civil Engineering—MASTERS 1989

- 699 **Frizenschaf, Jacqueline.** Hydraulic influences on pool morphology : a laboratory investigation.
- 700 **Kerper, Dale R.** Behavior of a compliant wave-current barrier.

Civil Engineering—MASTERS 1990

- 701 **Bean, Gregory R.** Adsorption of hexavalent and trivalent chromium to a clayey silt soil : batch kinetic and equilibrium studies.
- 702 **Boudreau, Richard L.** Test method to determine the degree of asphalt stripping from aggregates.
- 703 **Celeste, Stephen J.** Biodegradation of chlorinated methanes using a methylotrophic/anaerobic biofilm reactor.
- 704 **Cozza, Cynthia L.** A model for the prediction of biologically mediated reductive dechlorination pathways.
- 705 **Ifft, Charles.** Evaluation of polymer modified asphalt in hot mix pavements.
- 706 **Katul, Gabriel.** Collection and analysis of evaporative flux data for various climates.
- 707 **Lin, Huan.** Chaotic response and stability of offshore equipment.
- 708 **Nichols, William E.** Land surface energy balance and surface soil moisture variation in HAPEX-MOBILHY.

- 709 **Nicholson, David K.** Measurement of the rates of reductive dechlorination of chlorinated phenols.
- 710 **Nuss, Jeffery L.** Analysis of evapotranspiration for various climatic regimes using geostatistics.
- 711 **Scholz, Todd.** Evaluation of cold in-place recycling of asphalt concrete pavements in Oregon.
- 712 **Schroth, Martin H.** Chromium (VI) sorption in soils : chemical behavior and solute transport modeling.
- 713 **Walker, David S.** Groundwater flow model for the lower Malheur Basin near Ontario, Oregon.
- 714 **Yoo, Chul-hee.** Wave interaction with rubble mound structures.

Civil Engineering—MASTERS 1991

- 715 **Britch, Michael J.** Watershed modeling at Yucca Mountain, Nevada.
- 716 **Thompson, Gary O.** Flexible membrane wave barrier.
- 717 **Vermeul, Vincent R.** A method for quantifying macroporosity.
- 718 **Whitaker, Todd B.** Sewer system rehabilitation and the effectiveness of chemical grouting.

Civil Engineering—MASTERS 1992

- 719 **Ball, Bruce L.** Soil column desorption studies on a chromium contaminated soil.
- 720 **Groom, Kevin.** Nonlinear finite-element modeling of intercomponent connections in light-frame wood structures.
- 721 **Holaday, Steven A.** Summertime water temperature trends in Steamboat Creek Basin, Umpqua National Forest.
- 722 **Katzev, David H.** Simulation of coastal processes in a circular wave basin.
- 723 **Roley, Kenneth L.** Indirect parameter identification algorithm in radial coordinates for a porous medium.
- 724 **Wang, Gongming.** Aerobic degradation of chlorophenols.

Civil Engineering—DOCTORS 1983

- 725 **Corey, Philip David.** Optimization of feeding schedules for coho salmon in the hatchery environment.
- 726 **Huang, Min-chih.** Finite element analysis of wave interference effects between large structures.
- 727 **Tuah, Hang.** Cable dynamics in an ocean environment.

Civil Engineering—DOCTORS 1985

- 728 **Al-abdulwahhab, Hamad I.** Evaluation of emulsified asphalt for use in Saudi Arabia.
- 729 **Amegee, Kodjo Y.** Application of geostatistics to regional evapotranspiration.
- 730 **Kim, Tae In.** Mass transport in laboratory water wave flumes.
- 731 **Talebbeydokhti, Nasser.** Incipient resuspension of silt-clay deposits in oscillatory and unidirectional flows.

Civil Engineering—DOCTORS 1986

- 732 **Istok, J. D.** A stochastic precipitation event model for use in erosion simulations.
- 733 **Takallou, Mojtaba B.** Evaluation of alternate surfacing systems for temporary and intermittent use roads.

Civil Engineering—DOCTORS 1987

- 734 **Hsu, Ming-kuang.** Random wave forces on cylinders.
- 735 **Lee, Chyuan-shen.** A composite-beam finite element for seismic analysis of wood-framed buildings.
- 736 **Lee, Jaw-fang.** Finite element analysis of wave-structure interactions in the time domain.
- 737 **Teng, Chung-chu.** Smooth and roughened horizontal cylinders in periodic waves and current.

- 738 **Thenoux, Guillermo.** Chemical characterization of asphalt cements using chromatographic techniques : relation to rheological properties and field performance.
- 739 **Tsai, Yau-tang.** Ocean wave-soil-caisson interaction.

Civil Engineering—DOCTORS 1988

- 740 **Crane, Stuart R.** The control and fate of enteric bacteria in the environment with particular emphasis on the factors influencing fecal indicator survival in waste storage facilities.
- 741 **Hunter-Zaworski, Katherine M.** The performance of drivers with physical limitations at T-intersections.
- 742 **Kim, Ok-kee.** The effect of mixing moisture, oxidative aging and tire pressures on the performance of asphalt mixes.
- 743 **Lee, Chung-pan.** Wave interaction with permeable structures.
- 744 **Rwebangira, T.** Determination of structural layer properties of aggregate and asphalt surfaced roads.
- 745 **Takallou, Hossein B.** Evaluation of mix ingredients on the performance of rubber-modified asphalt mixtures.
- 746 **Yeh, Rong-chuen.** Breaking wave problems and probabilities.

Civil Engineering—DOCTORS 1989

- 747 **Tanaka, Yoshihiro.** Irregular points in wavemaker boundary value problem.

Civil Engineering—DOCTORS 1990

- 748 **Abdel-Warith, Ahmed S.** Substratum-aerated-biofilm reactor for treatment of carbonaceous and nitrogenous wastewaters.
- 749 **Chiou, Rueybin.** Nonlinear hydrodynamic response of curved singly-connected cables.
- 750 **Lee, Sang Bong.** A numerical model for the fate and transport of chlorinated phenols in groundwater.
- 751 **Tang, Li.** A mathematical model for adsorptive bubble-separation processes.
- 752 **Womack, Kevin C.** The dynamic behavior of a cable logging skyline and its effects on the tailspar.
- 753 **Zhou, Haiping.** Development of a mechanistic overlay design procedure for flexible pavements.

Civil Engineering—DOCTORS 1991

- 754 **Huang, Cheng-chang.** Local scour at isolated obstacles on river beds.

Civil Engineering—DOCTORS 1992

- 755 **Al-Swailmi, Saleh H.** Development of a test procedure for water sensitivity of asphalt concrete mixtures.
- 756 **Broderick, Laurie Lynn.** Interaction of water waves and deformable bodies.
- 757 **Gottlieb, Oded.** Nonlinear oscillations, bifurcations and chaos in ocean mooring systems.
- 758 **Lei, Kai-ming.** Response of equipment in resilient-friction base isolated structures subjected to ground motion.

Clothing, Textiles, and Related Arts—MASTERS 1983

- 759 **Bullough, Rosemary Price.** Wallpaper in Portland, Oregon, 1850-1900 : a resource for historical restoration.
- 760 **Hoffman, Elizabeth Lee.** Dress and acculturation : clothing transitions of the Mien.
- 761 **Kinch, Lisa Joan.** The effect of furniture arrangements on the social interaction of institutionalized elderly.
- 762 **Shields, Edith A.** Perception of clothing clues: its relation to liking for the clothing by the viewer and similarity to the clothing worn by the viewer.

Clothing, Textiles, and Related Arts—MASTERS 1984

- 763 **Butzer, Peggy A.** Perception of clothing clues by five-, nine-, and thirteen-year-olds.
- 764 **Roberts, Cynthia.** Clothing transitions : a study of Hmong dress and acculturation.
- 765 **Willson, Mary.** The Porter house in Shedd, Oregon, circa 1874.

Clothing, Textiles, and Related Arts—MASTERS 1986

- 766 **Collin, Edith E.** Development of a methodology for analyzing the color content of a selected group of printed color analysis systems.
- 767 **Gipson, Kay.** Importance of country-of-origin at point of purchase in women's decisions to purchase sweaters.
- 768 **Wright, Janith S.** Effect of satisfaction and fit problems with career dress on career women's willingness to trade styling options, time, and money for more sizing options in career dress.

Clothing, Textiles, and Related Arts—MASTERS 1988

- 769 **Chun, Ho-kyung.** Differences between fashion innovators and non-fashion innovators in their clothing disposal practices.
- 770 **Liu, Qin.** Effects of clothing values on clothing deprivation among high school students.

College Student Services Administration—DOCTORS 1983

- 771 **Brenner, Vernon J.** Quality of effort and perceptions of attainment as affected by variables in the education of the adult undergraduate student.
- 772 **Cihak, Michael Raymond.** A longitudinal study of Oregon community college transfer financial aid recipients at Oregon State University, 1975-1981.
- 773 **Lundy, Robert Craig.** The real world and the management classroom : a comparison of the engagement styles of management students and managers.

College Student Services Administration—DOCTORS 1984

- 774 **Kuga, Lillian A.** Perceptions of job stressors in the student services profession.
- 775 **Roth, Stephen Elliott.** Attitudes of executive level administrators regarding the purpose of student services in higher education.

College Student Services Administration—DOCTORS 1985

- 776 **Dean, Diana L.** Comparison of self-perceived leadership styles of women in higher education and non-education management positions.
- 777 **Grindeman, Dann.** The occurrence of social support among students living in residence halls.

College Student Services Administration—DOCTORS 1986

- 778 **Flynn, Cynthia A.** The relationship of locus of control to career development in college engineering students.
- 779 **Norelius, Caroline F.** An examination of terminal and instrumental values of selected Oregon State University students.
- 780 **Villarroel, Luz E. Maciel de.** A study of self-concept among Mexican-American/Chicano(a) students attending community colleges and four-year institutions of higher education in Oregon.

College Student Services Administration—DOCTORS 1987

- 781 **Ruhl, Glenn David.** A causal study of attitudes toward intercollegiate athletics of Oregon State University undergraduate students in three academic majors.

782 **Vanderpool, Nancy Marston.** Development of managing emotions : the contribution of selected factors of peer and family relationships.

College Student Services Administration—DOCTORS 1989

783 **Stephenson, Sue Uland.** The effect of a cognitive-behavioral course in assertive training procedures on internalized shame in college students.

College Student Services Administration—DOCTORS 1991

784 **Olsen, Eric R.** Sexual harassment proclivity of men : relationship to values.

College Student Services Administration—DOCTORS 1992

785 **Adams, Susan Elizabeth.** The relationship between social contact and comfort with social interaction among student ethnic groups at Oregon State University.

786 **Sommers, Walter B.** Relationship between college student organization leadership experience and post-college leadership activity.

Computer Science—MASTERS 1983

787 **Baghgandomi, Shahla Saidi.** Probability of deadlock in a system of processes and resources for shared and exclusive access.

788 **Kim, Youn-su.** Geometric Computer Graphics Package with applications to Steiner's Problem.

789 **Lantz, Brian Scott.** A tutorial interface for a problem-solving production system.

790 **Ruby, Glenn Russell.** An algebraic view of the symmetry of fast transforms.

791 **Saedi-Faez, Sheida.** SES : a real time message oriented system for easy intertask communication.

Computer Science—MASTERS 1984

792 **James, Mark Allen.** Duality and the bounded-buffer problem.

793 **Kalvin, Patricia M.** A dataflow mechanism for supporting query optimization.

794 **Uy, Myra Lane Y.** A network data base management system.

795 **Bertani, John A.** Achieving portability through software conversion.

Computer Science—MASTERS 1985

796 **Chakrabarti, Sankar L.** States, side effects and multiple contexts in programming languages.

797 **Ege, Raimund KH.** The display function in ALLEGRO.

798 **Ewing, Juanita J.** Specification of graphical figures with attribute grammars.

799 **Kogan, Dan D.** SIDUR—a formalism for structuring knowledge bases.

800 **Shah, Rajen Jayantilal.** An interface facility for the database management system Allegro.

801 **Steinbock, Teresa M.** A prototyping tool for user interfaces.

Computer Science—MASTERS 1986

802 **Converse, George A.** Optimal unidirectional error-detecting codes.

803 **Eifrig, Bob.** Object files in UNIX.

804 **Flann, N. S.** Learning functional descriptions from examples.

805 **Nave, Jay.** Computational geometry package with fast Voronoi diagram algorithm.

806 **Ullrich, James R.** An experimental investigation of the cloze procedure as a measure of program understanding.

Computer Science—MASTERS 1987

807 **Corpron, Daniel R.** Disjunctions in forward chaining logic programming.

808 **Goodemoot, Richard.** A query facility for Allegro.

809 **Roth, Shirley L.** Implementing a semantic data model.

Computer Science—MASTERS 1988

810 **Harris-Coppola, Marcia M.** Analytical and visual tools for robot kinematics.

811 **Jacobson, Chris E.** ASTEK : a multi-paradigm knowledge acquisition tool for complex structured knowledge.

812 **Meyer-Arendt, Karen.** Parallel code generation via scheduling.

813 **Mirashrafi, Mojtaba.** LIL : a LISP implementation language.

814 **Mishra, Prafulla K.** An investigation of the search space of Lenat's AM program.

815 **Roof, Becky Jane.** Comparison of the VARDIG algorithm on two parallel processors.

816 **Winter, Kirt Alan.** A prototype intelligent prettyprinter.

Computer Science—MASTERS 1989

817 **Armstrong, James R. (James Russel).** Code generation in the Oregon speedcode universe.

818 **Currans, Kevin.** EXE, an expert system shell for agricultural applications.

819 **Holloway, J. L.** Algorithms for computing Fibonacci numbers quickly.

820 **Koff, Caroline Nan.** A specialized ATMS for equivalence relations.

Computer Science—MASTERS 1991

821 **Larson, Shawn M.** The "Mobius Cube" : an interconnection network for parallel computation.

822 **Li, Zhaoyu.** Complexity of probabilistic inference in belief nets—an experimental study.

823 **Wetschereck, Dietrich.** An implementation and initial test of generalized radial basis functions.

Computer Science—MASTERS 1992

824 **Chamberlin, Martha J.** Relationship of pauses to problem solving events in mechanical design protocols.

825 **Jacobson, Bryan L.** Effectiveness of index size reduction techniques.

826 **Kaul, Lothar.** A feasibility study on compiling reactive problem solution methods for an AI domain.

Computer Science—DOCTORS 1983

827 **Arshi, Taymoor.** Bagit: a very high level language for application programming.

828 **Edemenang, Effiong James Akpan.** On-line deadlock detection in distributed computer systems.

Computer Science—DOCTORS 1985

829 **Goul, Kenneth Michael.** The inclusion of expertise in a decision support system for strategic decision making.

Computer Science—DOCTORS 1986

830 **Gündem, Taflan İmre.** View based, global design of access structures for relational databases.

831 **Harrison, Warren A.** A study of macro level complexity metrics.

Computer Science—DOCTORS 1987

832 **Birjandi, Abbas.** A rule based approach to program development.

- 833 **Ecklund, Denise J.** Robustness in a distributed storage server for engineering design data with versions.

Computer Science—DOCTORS 1988

- 834 **Lin, Der Jei.** Unidirectional error correcting/detecting codes.
- 835 **Nanja, Murthi.** An investigation of the on-line debugging process of expert and novice student programmers.

Computer Science—DOCTORS 1989

- 836 **Al-darwish, Nasir Ali.** New bounds and constructions for error control codes.
- 837 **Al-Dhelaan, Abdullah.** Processor allocation & communication in networks.
- 838 **Bayley, Garland J.** Al-Khorezmi: an intelligent algebra tutoring system.
- 839 **Brown, Carol E.** HELM, hierarchical environment for linear modeling.
- 840 **Oman, Paul W.** A taxonomic analysis of typographic programming style.
- 841 **Placer, John R. G.** a language based on demand-driven stream evaluations.
- 842 **Wu, Youfeng.** Parallel simplex algorithms and loop spreading.

Computer Science—DOCTORS 1990

- 843 **Al-Bassam, Sulaiman.** Balanced codes.
- 844 **Al-Mulhem, Muhammed Saleh.** DataLab, a graphical system for specifying and synthesizing abstract data types.
- 845 **El-Rewini, Hesham.** Task partitioning and scheduling on arbitrary parallel processing systems.
- 846 **Jang, Jai Eun.** Design and analysis of robust algorithms for fault tolerant computing.

Computer Science—DOCTORS 1991

- 847 **Bakiri, Ghulum.** Converting English text to speech : a machine learning approach.
- 848 **Ling, Xiaoming.** Dependent evidence in reasoning with uncertainty.
- 849 **Ruff, Ritchey Alvin.** An empirical study into learning through experimentation.

Computer Science—DOCTORS 1992

- 850 **Cerbone, Giuseppe.** Machine learning in engineering : techniques to speed up numerical optimization.
- 851 **Choi, Sungwoon.** Active object systems.
- 852 **Flann, Nicholas S.** Correct abstraction in counter-planning : a knowledge compilation approach.
- 853 **Gellenbeck, Edward M.** Using signaling to aid computer program comprehension.
- 854 **Keh, Huan-chao.** Comprehensive support for developing graphical highly interactive user interface systems.

Counseling—MASTERS 1984

- 855 **Rickard, Mollie.** Responding to stress without negative side effects.

Counseling—DOCTORS 1983

- 856 **Dutro, Jack William.** The effects of group self-instructional training on positive verbalizations in an aged population.
- 857 **Henning, Douglas D.** A study of the effects of post-wedding counseling with participants of pre-marital counseling groups.
- 858 **Lee, Phyllis S.** Intraethnic diversity : an exploratory study of ethnic identity of Chinese American adolescents.

Counseling—DOCTORS 1984

- 859 **Zachow, Kathleen M.** An investigation of the relationships among perceptual modality, temporality, and academic achievement of selected middle school sixth, seventh, and eighth grade students.

Counseling—DOCTORS 1985

- 860 **Bogart, Victor.** A study of relationships between selected factors associated with retirement and measures of dyadic quality.
- 861 **Davis, Alan H.** Counselor expectations of supervision and counselor burnout.
- 862 **Eden, David M.** A study of counselor trainees on the variables of self-concept, gender, styles of counseling, and choice of family therapy as a specialty.
- 863 **Eldredge, Nancy Marie.** The impact of hearing loss on the development of visual perception: developmental trends in graphic strategies used to copy the Rey-Osterreith Complex Figure.
- 864 **Gennette, Michael M.** Effect of Holland personality type similarity and family ideology on marital satisfaction among dual-career spouses.
- 865 **Reiman, John W.** The impact of meditative attentional training on measures of select attentional parameters and on measures of client perceived counselor empathy.

Counseling—DOCTORS 1986

- 866 **Rozaire-Brown, Beverley Carol.** Confidentiality as a group norm and its concomitant effect on self-disclosures by participants in personal growth groups.

Counseling—DOCTORS 1987

- 867 **Grina, Michaele E.** Examination stress and coping from a cognitive-process perspective.
- 868 **Palmer, Marilyn Elizabeth.** Effects of situationally induced affect on boys' generosity toward peers.
- 869 **Pomeroy, Douglas R.** Comparison of selected philosophical and psychological variables in training pastoral and secular counselors.

Counseling—DOCTORS 1988

- 870 **Bennett, F. Katharine.** The relationship of ego development, empathy, and mature moral judgment in women graduate counseling students.
- 871 **Singer, William H.** An empirical study of the effects of counseling interaction styles on measures of client change.
- 872 **Triperinas, Mary Lou Armstrong.** Rational emotive education : its effects on the locus of control and school behavior of hidden children of alcoholics.

Counseling—DOCTORS 1990

- 873 **Keim, Will.** The education of character: implications of Buber for the student services profession.
- 874 **Kitzrow, Martha Anne.** A comparison of depression, stress and self-image between younger and older adolescent mothers.

Counseling—DOCTORS 1992

- 875 **Armstrong, Carolyn Sue.** A moral development theory : a synthesis from selected moral development theories, aspiral progression model of human development, and ego-state personality theory.
- 876 **Frank, Roger A.** Structured group psychotherapy for individuals with spinal cord injury.
- 877 **Gonzales, David H.** A comparison of smoking patterns between counseling assisted and unassisted heavy smokers with early chronic obstructive pulmonary disease.

- 878 **Ramaker, M. Jolene.** Relationship between a collaborative learning community and the persistence of community college students.
- 879 **Smith, Monne K.** Developing responsible behavior with first-grade children through mother-child communication training.
- 880 **Wiggum, Candice Diehl.** Moral dilemmas of bulimics and non-bulimics : a study of voice and self in eating disorders.

Counseling and Guidance—DOCTORS 1983

- 881 **Mayhall, Cheron J.** The development of a methodology to study the grief and adjustment processes of parents following the death of a young child.

Counseling and Guidance—DOCTORS 1987

- 882 **Lacy, Patricia A.** The impact of selected experiences on women during mid-life transition : a retrospective study.

Counseling and Guidance—DOCTORS 1988

- 883 **Higgins-Lee, Charlotte.** Validation of MMPI profiles estimated from CPI data.

Counseling and Guidance—DOCTORS 1990

- 884 **Hazell, Brian Edwin.** Characteristics of trainee counselors in terms of Eysenck's progressive scientific paradigms, intelligence, personality, & ideology, and success in graduate study.

Crop and Soil Science see also—Crop Science

Crop and Soil Science—MASTERS 1991

- 885 **Ammar, Karim.** Nature of the inheritance of gluten strength and carotenoid pigment content in winter by spring and durum wheat crosses (*Triticum turgidum* L. Var. durum).
- 886 **Kolar, Susan C.** The effect of inoculation with VA-Mycorrhizal fungi on growth and freezing tolerance of winter barley (*Hordeum vulgare* L.).
- 887 **Snelling, John P.** Establishment of Kura clover for seed with wheat intercrops.
- 888 **Wang, Shi Ping.** Influence of planting density on spike size and grain yield in five winter wheat cultivars.

Crop and Soil Science—MASTERS 1992

- 889 **Albahouh, Muhammed S.** Genetic variability for kernel hardness in two soft winter wheat (*Triticum aestivum* L.
- 890 **Donaldson, William S.** Integrating real-time weather data with dynamic crop development models.
- 891 **Holmer, Judith C.** Multiple location evaluation of winter wheat (*Triticum aestivum* L.) lines for genotypic and environmental influences on nitrogen assimilation and remobilization.
- 892 **Nelson, Sheila J.** The influence of phosphatase-producing bacteria on phosphatase activity and available phosphorus in soil.

Crop and Soil Science—DOCTORS 1991

- 893 **Chen, Fuqiang.** Genetics of partial incompatibility and improvement of haploid production in *Hordeum vulgare* L. x *H. bulbosum* L. crosses.
- 894 **Locke, Kerry A.** Nitrogen and dry matter relationships for winter wheats produced in western Oregon.

Crop and Soil Science—DOCTORS 1992

- 895 **Bruzzone, Carlos B.** Bridging upland-irrigated rice (*Oryza sativa* L.) gene pools via anther culture.

- 896 **Eldredge, Eric P.** Potato (*Solanum tuberosum* L.) tuber quality response to a transient water stress.
- 897 **Hassan, Gul.** Differential sensitivity of Italian ryegrass and rice cultivars to fenoxaprop.
- 898 **Roberts, Michael C. (Michael Coy).** Field sampling and mapping strategies for balancing nitrogen to variable soil water across landscapes.
- 899 **Schillinger, William Fred.** Fallow water retention and wheat growth as affected by tillage method and surface soil compaction.
- 900 **Shaw, Nancy L. (Nancy Lynn).** Germination and seedling establishment of spiny hopsage (*Grayia spinosa* [Hook.] Moq.).

Crop Science see also—Crop and Soil Science

Crop Science—MASTERS 1983

- 901 **Ait Amer Meziane, Aomar.** Laboratory methods for wheat variety identification.
- 902 **Apley, Kathryn Lynne.** Studies of napropamide decomposition on the soil surface.
- 903 **Boinnet, Jerry K. K.** Natural outcrossing in spaced planted Fb2 spopulations and solid seeded advanced generations of wheat (*Triticum awstivum* L. em Thell).
- 904 **DeHaas, Jeroen A. M.** Establishment of grass seed crops with cereal companion crops.
- 905 **Hayes, Patrick.** A comparison of three systems of phenotypic selection for grain yield in three spring barley populations.
- 906 **Hazar, Necati.** Prediction of kernel hardness and grain protein based on the performance of Fb3 and Fb4 spopulations derived from ten wheat crosses (*Triticum aestivum* L. em Thell).
- 907 **Kanbertay, Mesut.** Inheritance of resistance to common bunt races T-23 and L-16 and association of bunt resistance with selected agronomic characters in a hybrid of Hohenheimer x Stephens wheat.
- 908 **Mouwen, Charles M.** Seed maturation in subterranean clover (*Trifolium subterraneum* L.).
- 909 **Nadjib, Benacef.** The effect of row spacing, rate and date of planting on yield and yield components of four winter wheat cultivars (*Triticum aestivum* L. em Thell).

Crop Science—MASTERS 1984

- 910 **Agamennoni, Raul Jose.** The effect of fertility level on plant growth and development, water uptake and water stress in dryland wheat production.
- 911 **Fischer, Albert J.** Interference of annual weeds in seedling alfalfa.
- 912 **Henderson, Robert L.** Soil moisture storage, distribution, and use by winter wheat in a 250-350 mm precipitation zone of eastern Oregon.
- 913 **Kwiatkowski, Stephen.** Gross characteristics of Russet Burbank giant hill potatoes and plant types regenerated from tissues and organs.
- 914 **Maatougui, Mohamed El Hadi.** Response of winter wheat (*Triticum aestivum* L. Em. Thell) to nitrogen and chloride fertilization in the presence of take-all root rot (*Gaeumannomyces graminis* var. *tritici* Walker).
- 915 **Marciniak, Michael E.** Association of selected traits with visual selection for yield in wheat (*Triticum aestivum*, L. em Thell.).
- 916 **Ott, Pablo.** Selective control of volunteer wheat (*Triticum aestivum* (L.) em. Thell.) in new seedlings of alfalfa (*Medicago sativa* L.) with fluazifop-butyl and sethoxydim.

- 917 **Stein, Ira Steven.** Potential reciprocal differences for selected traits in six different Fb1 wheat populations.
- 918 **Vieira, Luiz Gonzaga E.** Characterization of *Triticum turgidum* ssp. *carthlicum* (Nevski) Love et Love by discriminant analysis.
- 919 **Yao, Tsui-li.** Assay of the trypsin inhibitor activity in seeds of triticale.

Crop Science—MASTERS 1985

- 920 **Cooper, Alan S.** Sweet corn (*Zea mays* L.) production in a white clover (*Trifolium repens* L.) living mulch: the establishment year.
- 921 **Ferguson, Janet M.** SDS-PAGE of seed proteins for identification of varieties and species of ryegrass (*Lolium* spp.).
- 922 **Goldstein, Cindy S.** Tissue culture and plant regeneration from immature embryo explants of twenty-two genotypes of barley, *Hordeum vulgare* L..
- 923 **Hunter, James L.** Tillering, lodging, dry matter partitioning, and seed yield in ryegrass (*Lolium* spp.) as affected by the plant growth regulator paclobutrazol.
- 924 **Rose, Crystal A.** The inheritance of stem rust (*Puccinia graminis graminicola*) resistance in perennial ryegrass (*Lolium perenne*).

Crop Science—MASTERS 1986

- 925 **Camacho-Casas, Miguel Alfonso.** Yield loss assessment in nonprotected winter wheat varieties (*Triticum aestivum* L. em Thell).
- 926 **Carlson, Jack R.** A study of morphological variation within *Pseudoroegneria spicata* (Pursh) A. Love (Poaceae: Triticeae).
- 927 **Chastain, Thomas G.** Effect of cereal companion crops on the establishment of red fescue (*Festuca rubra* L.) for seed production.
- 928 **Cherif, Raouf.** *Cuphea wrightii* tolerance to selected herbicides.
- 929 **Martin, David C. (David Christopher).** Activity and persistence of five postemergence grass herbicides in soil.
- 930 **McGahuey, Michael L.** Nitrogen fertilizer rate and application timing effects on growth and seed-oil yield of meadowfoam.
- 931 **Morrison, Laura A.** Lodging control and yield enhancement in Morex spring barley with paclobutrazol treatment.
- 932 **Mou, Beiquan.** Duration and rate of the grain filling period and subsequent grain yield in crosses between facultative and winter wheat cultivars (*Triticum aestivum* L. em Thell).
- 933 **Peterman, Mark K.** Sweet corn (*Zea mays*) production in a white clover (*Trifolium repens*) living mulch: the second year.
- 934 **Tanphiphat, Karin.** Persistence and accumulation of clopyralid (3,6-dichloropicolinic acid) in soil.
- 935 **Thompson, Delila M.** Physiological ageing of Russet Burbank seed potatoes: effects on seed tuber quality, plant development, and yield.
- 936 **Valverde, Bernal E.** Non-herbicidal effects of dinoseb on winter wheat yields.

Crop Science—MASTERS 1987

- 937 **Alba, Elena L.** Effects of floral position, stamen quality, hand pollination, and temperature during reproductive development on meadowfoam seed set and seed yield.
- 938 **Benjamin, Ethan.** Development of oven and Karl Fischer techniques for moisture testing of grass seeds.

- 939 **Gallardo-Ramirez, Mirian.** Effects of growth-regulating treatments on eradication of PVX and PVS in potato shoot-tip culture.
- 940 **Gleichsner, Jean A.** Germination and growth characteristics of five accessions of jointed goatgrass (*Aegilops cylindrica*).
- 941 **Kaliangile, Imanga.** Plant and seed development in four *Cuphea* species.
- 942 **Mmolawa, Onesimus B.** Germination and dormancy of meadowfoam seed.
- 943 **Nyunt, San.** Factors affecting stand establishment and yield of meadowfoam (*Limnanthes alba* Benth.).
- 944 **Roberts, Michael C. (Michael Coy).** Remote-sensing and geographic information system techniques to map spatial variation of wheat grain yield.
- 945 **Than, Mya.** Effect of seed deterioration on germination of wheat under environmental stresses.
- 946 **Vollmer, Gregory S.** The effect of residue removal and burning on the growth of *Festuca longifolia* Thuill. and *Festuca rubra* L. subsp. *commutata* Gaud. established for seed production.

Crop Science—MASTERS 1988

- 947 **Baltazar, Baltazar.** Possible association between dwarfing genes *Rhtb1s* and *Rhtb2s* and the reaction to *Septoria tritici* blotch in winter wheat (*Triticum aestivum* L. em Thell).
- 948 **Chen, Yuguang.** Urease induction in barley leaves by foliar application of urea.
- 949 **Concannon, Julie Ann.** The effects of density and proportion on spring wheat and *Lolium multiflorum* Lam.
- 950 **Diener, Phillip R.** Factors affecting selective weedy rye (*Secale* sp.) control in winter wheat with the herbicide ethiazin.
- 951 **Fernandez Mendez, Raquel J.** Seed depth influence on position of the growing point and chemical control of wild proso Millet (*Panicum miliaceum* L.).
- 952 **Fessehaie, Rezene.** Response of *Cuscuta campestris* and *Cuscuta indecora* to glyphosate applied after attachment to alfalfa (*Medicago sativa*).
- 953 **Luo, Shun.** The effect of temperature on biochemical activities of embryo and seedling of germinating rice (*Oryza Sativa* L.) seed.
- 954 **Medina, Luis E.** Interrelation of the components of grain yield in a cross between dwarf and semidwarf wheat (*Triticum aestivum* L.) cultivars.
- 955 **Rahman, Mohammad Moznur.** Evaluating grain yield as influenced by biological yield and harvest index in four winter wheat (*Triticum aestivum*) crosses involving near-isogenic lines.
- 956 **Streeter, Donald J.** Evaluation of *Rhizobium* strains with three Mediterranean forage legumes for biological nitrogen fixation.
- 957 **Verges, Ruben P.** Performance of cultivars, hybrids and composites of winter wheat (*Triticum aestivum* L. em Thell) grown at three locations.

Crop Science—MASTERS 1989

- 958 **Avcin, Abdulkadir.** Effects of tillage systems on nitrate-nitrogen accumulation and soil structure.
- 959 **Costa, Jose M.** Possible association between grain protein content and yield as influenced by harvest index and biological yield in selected hard red winter wheat (*Triticum aestivum* L.) crosses.
- 960 **Currans, Sean.** Osmotic stress vigor test for wheat seed.
- 961 **Encinas-Mungarro, Andres.** Durum wheat quality and its relation to electrophoretic banding patterns.

- 962 **Lewis, Hal A.** Chemically induced pollen suppression and subsequent natural outcrossing in selected wheat cultivars (*Triticum aestivum* L. em Thell).
- 963 **Mao, Meiyu.** Evaluation of a *Rhizobium meliloti* transconjugant for increased nodulation and biological nitrogen fixation in alfalfa.
- 964 **Tragoonrung, Somvong.** Evaluation of hill plots and near infrared reflectance techniques as breeding tools in spring malting barley.
- 965 **Venegas, Cesar Rolando.** The effect of direct application of liquid fertilizers on the germination, emergence and seedling growth of wheat (*Triticum aestivum* L.).

Crop Science—MASTERS 1990

- 966 **Bohle, Mylen G.** Nitrogen timing and placement effects on grain and plant nitrogen, and grain yield in hard red winter wheat.
- 967 **Echeverria, Eduardo M.** The effect of date of planting, row spacing and seeding rate on seed yield and seed yield components of red clover (*Trifolium pratense* L.) in the Willamette Valley.
- 968 **Fiez, Timothy E.** Growth and development of three meadowfoam (*Limnanthes* spp.) lines.
- 969 **Fischer, Vernon F.** Persistence of proflaminate and norflurazon herbicides in soil and their activity on alfalfa rotational crops.
- 970 **Franz, Robert E.** Temperature effects on postanthesis floral phenology and megagametophytic development in meadowfoam.
- 971 **Rojas-Calvo, Carlos Enrique.** Effect of seed burial and vernalization on germination and growth of *Bromus carinatus* and its control with several herbicides.
- 972 **Thompson, Joyce Ann.** Stolon effects on growth and development of potato (*Solanum tuberosum* L.) nodal cuttings.
- 973 **Whitworth, Jonathan L.** Effect of seed source on growth and performance of potato (*Solanum tuberosum* L.).
- 974 **Zencirci, Nusret.** Effect of scald (*Rhynchosporium secalis*) on yield and yield components of twelve winter barley (*Hordeum vulgare*) genotypes.

Crop Science—MASTERS 1991

- 975 **Abdenmader, Mourad.** Estimates of genetic variability resulting from single, top, and double cross populations in durum wheat (*Triticum turgidum* L. var. durum).
- 976 **Schön, Chris-Carolin.** Gametophytic selection in barley (*Hordeum vulgare* L.).

Crop Science—MASTERS 1992

- 977 **Brandt, Tina L.** Genetics and cytogenetics of *Cuphea viscosissima* X *Cuphea lanceolata* hybrid populations.

Crop Science—DOCTORS 1983

- 978 **Corral, Leonardo R.** Influence of competition on combining ability estimates and subsequent prediction of progeny performance in wheat (*Triticum aestivum* L. em Thell.).
- 979 **Cox, William Joseph.** Sunflower and soybean adaptation to western Oregon.
- 980 **Frederickson, Leslie John.** A comparison of two methods of divergent mass selection for heading date in two winter wheat (*Triticum aestivum* L. em Thell) crosses.
- 981 **McAuliffe, David.** Interaction of ethofumesate with dry soil.
- 982 **Noori, Fariborz.** The effect of water injection at seeding in dry soil on the germination and growth of winter wheat (*Triticum aestivum* L.).

- 983 **Pearson, Calvin H.** Physiological and yield responses of meadowfoam to water stress and nitrogen fertilization.
- 984 **Seddigh, Majid.** Yield and physiological responses of field-grown soybeans to elevated night temperatures.

Crop Science—DOCTORS 1984

- 985 **Abdalla, Osman S.** Inheritance of resistance in some wheat introductions to selected races of bunt, *Tilletia caries* (DC) Tul and *Tilletia foetida* (Wallr) Liro.
- 986 **Choi, Byung Han.** Nature of inheritance and association of time, duration and rate of grain filling and subsequent grain yield in crosses of winter and spring wheats (*Triticum aestivum* L. em Thell).
- 987 **Gangi, Ali Salih.** Floret fertility and seed yield in selected perennial ryegrass cultivars as affected by time and rate of nitrogen (N) application.
- 988 **Huber, Andrew Gail.** Endosperm morphogenesis in wheat (*Triticum aestivum* L.).
- 989 **Jachetta, John Joseph.** Apoplastic distribution of atrazine and glyphosate in intact sunflower leaves.
- 990 **Tola, Jaime.** Assessment of resistance and inheritance to Barley Yellow Dwarf Virus disease (BYDV) in five wheat cultivars (*Triticum aestivum* L.).

Crop Science—DOCTORS 1985

- 991 **Butler, J. Hugh B.** Sethoxydim herbicide in red fescue and bentgrass: levels and mechanisms of selectivity.
- 992 **Costa, Jaime.** *Cyperus esculentus* control with glyphosate: time of application and addition of ammonium sulfate.
- 993 **Eardly, Bertrand D.** Nitrogen nutrition of seedling alfalfa (*Medicago sativa* L.).
- 994 **Leal-M, Dario.** Identification and development of cultural practices for upland rice production systems for savanna soils of Colombia.
- 995 **Lin, Tsan-piao.** Acid hydrolases and seed shriveling in triticale seeds.
- 996 **Lopez-Jurado, Gerardo.** Effect of sulfur on dinitrogen fixation of alfalfa (*Medicago sativa* L.).
- 997 **Mkamanga, Godwin Yindoli.** Assimilate production and partitioning in wheat.
- 998 **Salmeron-Zamora, Jose Juan.** Response of grain yield, plant height and kernel weight in three winter wheat crosses (*Triticum aestivum*, L. em Thell) to different methods of selection.
- 999 **Geddens, Ray M.** (co-dept. Botany and Plant Pathology) Postemergence herbicides and take-all disease in winter wheat: alterations in the incidence and severity of disease and crop growth.

Crop Science—DOCTORS 1986

- 1000 **Lorenzo, Ariel.** Feasibility of developing bread wheat cultivars with acceptable protein content for non-traditional areas.
- 1001 **Nounamo, Laurent.** Effects of growth retardant and nitrogen level on growth, development and yield of Yamhill wheat.
- 1002 **Turley, Robert H.** Enhancement of 'Scio' barley seed protein by late foliar applications of urea-ammonium nitrate.
- 1003 **Vieira, Luiz Gonzaga E.** Experimental studies on species relationships in *T. turgidum* ssp. *carthlicum* and *T. aestivum* ssp. *carthlicoides*.

Crop Science—DOCTORS 1987

- 1004 **Ahmad, Shahbaz.** Physical and physiological seed characteristics influencing wheat stand establishment.
- 1005 **Kawate, Michael Ken.** The effect of soil factors on glyphosate availability in soil.

- 1006 **Khan, Noor-ul Islam.** A comparison of selected analyses for estimating environmental variation in early generations and advanced lines of wheat (*Triticum aestivum* L. em thell).

Crop Science—DOCTORS 1988

- 1007 **Chastain, Thomas G.** Spring establishment of orchardgrass and tall fescue seed crops with cereal companion crops.
- 1008 **Chuhe, Chen.** Identification and inheritance of factors influencing the rate and duration of grain fill in selected wheat populations, (*Triticum aestivum* L. em Thell).
- 1009 **Munir, Muhammad.** Response of wheat (*Triticum aestivum* L.) cultivars and downy brome (*Bromus tectorum* L.) to metribuzin and ethyl metribuzin.
- 1010 **Pedretti, Ricardo.** Agronomic performance of six winter wheat dwarfing sources when crossed to isogenic lines for Norin 10 Rht loci.
- 1011 **Re, Jose Vicente.** Modifying selected factors to classify levels of resistance or tolerance in wheat to Septoria Tritici Blotch.
- 1012 **Roush, Mary Lynn.** Models of a four-species annual weed community : growth, competition, and community dynamics.
- 1013 **Young, William C.** Seed yield and yield components of Pennfine perennial ryegrass (*Lolium perenne* L.) as influenced by time and rate of spring nitrogen and chemical dwarfing.

Crop Science—DOCTORS 1989

- 1014 **Camacho Casas, Miguel Alfonso.** Inheritance of Septoria leaf blotch resistance and the possible influence of heading date and plant height on the disease expression in a winter wheat cross.
- 1015 **Cao, Weixing.** Modeling phyllochron in wheat and barley.
- 1016 **Diop, Amadou Makhtar.** An evaluation of weed interference in rice grown on hydromorphic soils in West Africa.
- 1017 **Fischer, Albert J.** Intra- and interspecific interference between sweet corn (*Zea mays* L.) and a living mulch of white clover (*Trifolium repens* L.).
- 1018 **Gleichsner, Jean Ann.** Biology of *Bromus rigidus* : interference in winter wheat, seed longevity in the soil, and vernalization requirements for flowering.
- 1019 **Masood, Muhammad Shahid.** Use of combining ability estimates to identify the genetic potential of selected winter parental lines (*Triticum aestivum* L. em Thell).
- 1020 **Peek, Daniel C.** Behavior of metribuzin and ethylmetribuzin in soil.
- 1021 **Valverde, Bernal E.** Dinitroaniline-herbicide resistance in goosegrass (*Eleusine indica*) : ecophysiological aspects.
- 1022 **Wells, Barbara Heard.** Effects of lactofen herbicide on cellular uptake of glyphosate herbicide in malvaparviflora L..

Crop Science—DOCTORS 1990

- 1023 **Das, Modan Kumar.** Inheritance of durable type disease resistance to leaf rust in wheat (*Triticum aestivum* L. em Thell).
- 1024 **Krueger, Sharon K.** Allozyme genetics and mating systems of *Cuphea Laminuligera* and *Cuphea lutea*.
- 1025 **Liu, Ben-hui.** Statistical properties of estimators of genetic correlation.
- 1026 **Maxwell, Bruce D.** The population dynamics and growth of salmonberry (*Rubus spectabilis*) and thimbleberry (*Rubus parviflorus*).

- 1027 **Tanphiphat, Karin.** Biology and control of tuber oatgrass (*Arrhenatherum elatius* (L.) presl. var. *Bulbosum* (willd.) spenn.).
- 1028 **Turner, J. Kevin.** Paclobutrazol and nutrient treatment effects on ovation perennial ryegrass.
- 1029 **Vanavichit, Apichart.** Influence of leaf types on canopy architecture and grain yield in selected crosses of spring wheat *Triticum aestivum* L..

Crop Science—DOCTORS 1991

- 1030 **Alvarado, Renan A.** Some physiological and biochemical aspects of haloxyfop herbicidal activity alone or mixed with dicamba.
- 1031 **Costa, Jose Maria.** Possible association of grain protein content, harvest index and biological yield in winter wheat populations.
- 1032 **Jahns, Thomas R.** Pollination biology and pollinator alternatives in mermaid meadowfoam (*Limnanthes alba* Hartw. ex Benth.).
- 1033 **Webb, David M. (David Morton)** Genetic mapping of *Cuphea lanceola* : molecular-marker linkage to quantitative-trait loci affecting seed capric acid, seed oil, and embryo development.

Crop Science—DOCTORS 1992

- 1034 **Ali, Md. Shahjahan.** Cytology, inbreeding depression, and heterosis of *Cuphea Lanceolata* Ait.
- 1035 **Ben-Younes, Mongi.** Modeling the temperature-mediated phenological development of alfalfa (*Medicago sativa* L.)
- 1036 **Encinas-Mungarro, Andrés.** Assessment of genetic resistance to strawbreaker foot-rot (*Pseudocercospora Herpotrichoides*) in selected winter wheat (*Triticum aestivum* L.
- 1037 **Hashem, Abul.** Effect of density, proportion, and spatial arrangement on the competition of winter wheat and Italian ryegrass (*Lolium multiflorum* Lam).
- 1038 **Norberg, O. Steven.** Meadowfoam oil yield as influenced by dry matter production and partitioning, flower number, and honey bee density.
- 1039 **Reyes, Carlos C.** Rattail fescue (*Vulpia myuros*) control in Italian ryegrass (*Lolium multiflorum*) grown for seed.
- 1040 **Shuler, Philip E.** The effect of preplant nitrogen fertilization and soil temperature on biological nitrogen fixation and yield of alfalfa (*Medicago sativa* L.).

Education—MASTERS 1983

- 1041 **Reynolds, Julia A.** A correlation study of self-body cathexis of obese women and their attitudes toward physical activity.

Education—MASTERS 1984

- 1042 **Jun, Tae Won.** The relationship between biorhythms and injuries to college football participants.

Education—MASTERS 1985

- 1043 **Chiang, Kai-sun.** The relationship between biorhythms and injuries in female college gymnastic participants.
- 1044 **King, Christine Marie.** Classroom teachers' accuracy in observing students' motor performance.

Education—MASTERS 1986

- 1045 **Hicks, Douglas Michael.** Comparative cinematographic analysis of depth jumping and long jump take-off as performed by male college long jumpers.
- 1046 **Sievers, Gary K.** The effectiveness of the Pob2 sAerobic Exerciser in simulating high altitude training at sea level in cross country runners.

Education—MASTERS 1987

- 1047 **Keowmookdar, Nattaya.** Gender differences and level of aspiration as factors in tennis skill performance of college students.
- 1048 **Kim, Hyung Don.** The effects of power weight training and conventional weight training on pulmonary function.
- 1049 **O'Shea, Katie L.** Functional isometric weight training : its effects on dynamic and static leg strength.
- 1050 **Reese, Gregory G.** The effects of various crank-speeds (60, 80, 100 rpm) on maximal oxygen consumption in trained competitive cyclists.
- 1051 **Slear, James D.** The relationship of selected biomechanical components to the presence of swimmer's shoulder in experienced age-group swimmers.

Education—MASTERS 1988

- 1052 **Kim, Ki-hong.** Analysis of Korean physical educators' attitudes toward teaching handicapped students in regular classes.
- 1053 **Lee, Jurip.** An electromyographic comparison of eight sit-up variations.

Education—MASTERS 1989

- 1054 **Killgore, Garry L.** The effect of surface type on plantar pressure distribution and running kinematics.
- 1055 **Populin, Luis.** The role of attention in one-handed catching.

Education—MASTERS 1990

- 1056 **Chen, Kun-ning.** Comparison of physical working capacity, body composition, and cholesterol concentration in trained as opposed to normally active children.
- 1057 **Cullings, Deborah Ann.** A kinematic analysis of the karate back thrust kick.
- 1058 **Kayuni, Frieda Lucy.** Sources of information, knowledge base, and knowledge needs of dry season vegetable production as identified by women farmers in Ngabu Agricultural Development Division, Malawi, Central Africa.
- 1059 **Knittel, Marjorie C.** Evaluation of education libraries for teacher education accreditation.

Education—MASTERS 1992

- 1060 **Bates, Reid A.** Mechanisms which encourage beneficiary participation in decision making in rural development assistance projects in developing countries.
- 1061 **Blood, Pieter H.** A manager's planning guide for international training using total project acculturation : culturally adapted management and learning methodologies.

Education—DOCTORS 1983

- 1062 **Bennani, Nancy Gabbert.** A comparison of selected basic skills and personality characteristics in Adult Basic Education/General Educational Development (ABE/GED) and Developmental Education students.
- 1063 **Boraas, Alan Sivert.** Technology and the origin of human hemispheric asymmetry.
- 1064 **Boutin, K. James.** Relationship of anxiety level and performance in NAIA intercollegiate basketball games.
- 1065 **Cheng, Hu.** A comparison of players' and coaches' attitudes toward little league baseball in the states of Oregon and Washington and Taiwan, Republic of China.
- 1066 **Chung, Sung Tai.** Motor psychophysics training : its effects on the development of dynamic muscular power strength in male college athletes and non-athletes.
- 1067 **Dodge, Khadijeh Khatami.** Conflict between Western and traditional Iranian educational values.

1068 **Green, Brian C.** A study of the relationship of self-concept to attitudes, activity levels, and demographic variables among the long-term spinal cord-injured.

1069 **Hassan, Adel Aly.** The effect of an eight-week instructional program upon the balance performance of hearing-impaired children ages 6-12.

1070 **Haugen, Maureen McCurdy.** Humanistic program evaluation: application to an Oregon high school counseling program.

1071 **Hsu, Pao-yin.** A comparison of reverse-and forward-chaining instructional methods on a motor task with mentally retarded individuals.

1072 **La Piana, Kathleen Ann.** A study to determine the competencies necessary for a volunteer teacher of English as a second language.

1073 **Mu, Ming-chu.** A comparative study of academic experiences of American and foreign graduate students at Oregon State University.

1074 **Noland, Richard W.** An assessment of middle-management volunteers in Oregon's 4-H programs.

1075 **Parrott, Richard Leslie.** The effect of esoterica on institutional goals as measured by the use of cherished terms in the pulpits of the Church of the Nazarene and church growth.

1076 **Samiroden, Walter Donald.** (Educational Foundations) The effects of higher cognitive level question wait-time ranges by biology student teachers on student achievement and perception of teacher effectiveness.

1077 **Seyfarth, Leonard H.** Effects of value self-confrontation on values and academic performance of undergraduates.

1078 **Skwarek, Richard J.** A comparison of adult students' educational orientations and perceptions of the college environment in three contrasting liberal arts baccalaureate degree programs : traditional, off-campus degree, and lifelong learning.

1079 **Wall, James Keith.** The relationship of gender and perceived sex role identity to the leadership style, range, and adaptability of selected graduate students.

1080 **Webb, Donna Louise.** A study to measure vocational self-concept crystallization in two types of adult career programs, telecourse versus traditional group.

1081 **Wood, Carolyn Jean.** Meditation and relaxation and their effect upon the pattern of physiological response during the performance of a fine motor and gross motor task.

1082 **Yates, Stephen V.** The effects of an academic enrichment program on the self-concepts of Eskimo elementary school children.

Education—DOCTORS 1984

1083 **Alexander, Robert M.** Students' perceptions of teacher characteristics : how these perceptions relate to student self-esteem and locus of control perceptions.

1084 **Atkins, Virginia Foster.** A comparison of the effect of experimenter and microcomputer delivered knowledge of results on the response speed of nonretarded and mentally retarded students.

1085 **Brik, James.** The effects of EMG biofeedback training and relaxation training on self-reported measures of trait anxiety and sports competition anxiety.

1086 **Burton, H. James.** A survey of research tasks required by public school administrators and secondary and elementary teachers in Oregon.

1087 **Clark, Larry R.** Comparisons of teacher control ideology and student attitudes in elementary Christian schools.

1088 **Clyne, Roger D.** Learning style preference and reading achievement of urban Alaskan native students.

- 1089 **Conkey, Judith A.** A study of the effectiveness of the Oregon DUII (driving under influence of intoxicants) mandated educational program in changing knowledge and attitude concerning driving after drinking.
- 1090 **Dougan, Deborah Rae.** The effect of a memory retraining program as a neuropsychological rehabilitation technique for nontoxic chronic alcoholics.
- 1091 **El Baden, Bahia Mahmoud.** The effect of peer presence upon health-related physical fitness test scores of college students.
- 1092 **Hatch, Lynda Sylvia.** A study of factors affecting child-centered teaching in elementary grades.
- 1093 **Johnson, Bonnie J. (Bonnie Jean).** An examination of preferred institutional goals at Oregon State University and Western Oregon State College as perceived by the education faculties.
- 1094 **Lai, Shu-mei.** A comparison of body composition, body cathexis, and attitude toward obesity in women with different levels of physical activity.
- 1095 **McIntosh, Mathew Allen.** The attitudes of Oregon State Penitentiary minority inmates towards activity programs as a rehabilitative tool.
- 1096 **McNeil, Ellen E. (Ellen Elizabeth).** Physicians' attitudes toward deaf persons and the communication methods used with their deaf patients.
- 1097 **Mischke, Karen Blomquist.** Attitudes of nurses toward cancer and the cancer patient.
- 1098 **Montgomery, Sue.** Creation and investigation of musical forms designed to promote relaxation.
- 1099 **Nogawa, Haruo.** A study of a Japanese-American basketball league and the assimilation of its members into the mainstream of United States society.
- 1100 **Proudfoot, Robert Charles.** Urban ethnography : an exploration and interpretation of the post-camp period of Laotian refugees settling in Eugene-Springfield, Oregon.
- 1101 **Rich, Joseph A. (Joseph Ash).** An examination of the relationships between morale and teaching faculty participation in institutional governance on collective bargaining and non-collective bargaining California public community college campuses.
- 1102 **Samahito, Supitr Chotinukul.** Competency needs for physical education master's degree programs in Thailand.
- 1103 **Singer, Daniel Jay.** An empirical study of the possible relationship between adult perception of parents and expressed self-concept.
- 1104 **Soukup, Margaret A.** A survey of research tasks required by secondary school counselors, State Department of Education professionals, & college & university faculty in Oregon.
- 1105 **Tapsuwan, Sakchye.** The role and function of physical education and sport in the nation building of Thailand.
- 1106 **Turner, Martha I.** Playing with computers : the hidden impact of the computer in a school.
- 1107 **Watson, Edwin R.** Differences in burnout among Oregon high school basketball coaches within categories of selected variables.
- 1108 **Young, Margaret Shelley.** Achievement orientation and teaching methodology : a relationship that affects learning.
- Education—DOCTORS 1985**
- 1109 **Baldwin, Edith E.** The nature of home economics curriculum in secondary schools.
- 1110 **Boonchai, Wiriya.** Changes in strength, anthropometric measurements and cardiovascular function as a consequence of participation in a coed weight training course.
- 1111 **Brubaker, Deloss Allen.** Response of skin surface temperature to an application of high voltage pulsed galvanic current (HVPGC) as a treatment method for sports injuries.
- 1112 **Cárdenas, Humberto.** Determining competencies for an educational research masters degree program in Venezuela.
- 1113 **Chuaratanaphong, Suwana.** Elementary education competencies necessary for a master's degree curriculum in Thailand.
- 1114 **Dudzík, Shirley M.** The impact of doctoral education on the marriages of doctoral students.
- 1115 **Elam, Reid P.** The relationship between tibial nerve conduction velocity and selected strength and power variables in college football linemen.
- 1116 **Escobar, Iris Violeta.** Attitudes of Venezuelan parents toward childrearing: a study based on the parent as a teacher inventory.
- 1117 **Griffin, Betty Sue.** Black parental and primary guardian attitudes toward their involvement in desegregation.
- 1118 **Iloh, Gabriel Ogochukwu.** The perceived need for inservice training to improve the teaching of mathematics in primary schools in Bendel State of Nigeria.
- 1119 **Kleine, Carroyl Fayne.** A procedural model for assessing functional characteristics of effective and less effective work groups within a selected community college.
- 1120 **Maxwell, Nancy A.** An examination of the perceptions of the goals for community colleges by internal and external constituent groups from selected Washington State community colleges.
- 1121 **McBride, Neal.** Selected demographic variables as predictors of small group attendance or nonattendance among adult Conservative Baptists: a discriminant analysis.
- 1122 **McMahon, John J. (John Joseph).** An organizational analysis of structural characteristics during the merger of two higher education organizations.
- 1123 **Nishizawa, Sho.** Hemispheric processing of kinesthetically oriented spatial perception.
- 1124 **Staebler, Bonita Louise.** A study of preservice teachers' attitudes toward mainstreaming.
- 1125 **Stidwill, Howard F.** Motives toward track and field competition of foreign and domestic grant-in-aid student-athletes in NCAA Division I colleges and universities.
- 1126 **Tapsuwan, Suda.** Assessment of the roles and functions of graduate advisors in a school of education.
- Education—DOCTORS 1986**
- 1127 **Abrams, Arnold H.** Effectiveness of interactive video in teaching basic photography skills.
- 1128 **Akyeampong, Ataa Asamoah.** A methodology for the assessment of management development needs in industry.
- 1129 **Beaty, Shirley A.** The effect of inservice training on the ability of teachers to observe learning styles of students.
- 1130 **Beerman, Kathy A.** Biographical variables and descriptive factors of arrest circumstance which differentiate drinking drivers grouped by total number of drinking and driving offenses.
- 1131 **Brown, Terry L. (Terry Lee).** A study of the growth of interpersonal problem-solving abilities in grades nine through twelve.
- 1132 **Cola, Vasantha Sunandini.** Using selected computer games as an instructional strategy with learning disabled adolescents to improve achievement in arithmetic facts.
- 1133 **Congo, Curtis L.** A study of job factors as satisfiers and dissatisfiers of members of the National Association of Directors of Christian Education.

- 1134 **Feldman, Steven**, The role of the city manager in policy making: a study of differences in the conception of actual and perception of ideal policy making roles of the city manager by elected mayors and appointed managers in small California council-manager municipalities.
- 1135 **Fletcher, Todd V.** Comparative analysis between the Woodcock Psycho-Educational Battery in Spanish and the Wechsler Intelligence Scale for Children—Revised Mexican version.
- 1136 **Gaethke-Brandt, Jane E.** The effect of auditory subliminal deactivating messages on motor and task performance of hyperkinetic children.
- 1137 **Gray, Pearl S.** African-American folkloric form and function in segregated one-room schools.
- 1138 **Johnson, Taffy L.** Attitudes toward death and dying among student nurses as affected by a specialized curriculum.
- 1139 **Maguire, Paul A.** The effects of supplemental home instruction by parents utilizing the data based gymnasium instructional model on the performance of selected motor skills with moderately and severely mentally retarded children.
- 1140 **Marshall, Joyce M.** A comparative study of two instructional methods employed in teaching nutrition among culturally diverse adolescents: teacher-oriented lecture and student-oriented instructional design.
- 1141 **Nelson, Dennis A.** A study of predeparture orientation programs for employees of business/industry and U.S. Agency for International Development projects.
- 1142 **Oddou, William Eugene.** Differential thermogenic response in juvenile-onset type obesity and maturity-onset type obesity.
- 1143 **Okoye, Peter Iloabuchi.** The identification of rural public health sanitarian competencies for developing countries.
- 1144 **Wall, Patricia J.** Attitudes toward and basic understanding of mathematics of prospective elementary teachers and the factors influencing attitudes and basic understanding of mathematics.
- 1145 **Wright-Fromherz, Robin Elizabeth.** Validity of preschool language intervention programs.
- Education—DOCTORS 1987**
- 1146 **Al-Shedokhi, Saad Abdul-Karim.** An investigation of the problems experienced by Saudi students while enrolled in institutions of higher education in the United States.
- 1147 **Bolden, Robert A.** A study of judicious discipline : a constitutional perspective for school rules and decisions and its effect on the school-related attitudes of students.
- 1148 **Bruyer, Annette.** The construction and preliminary validation of an instrument to assess the food fantasies of individuals with eating disorders.
- 1149 **Dempsey, Stephen D.** A comparison of college/university professors and specialists in adapted physical education in their perception of the importance of a specified set of professional competencies.
- 1150 **Eraqi, Abdulmohsen Mohammed.** An investigation of educational television in Saudi Arabia.
- 1151 **Graff-Haight, Dawn.** Healthy behaviors as mediating factors in promoting health during times of stress.
- 1152 **Gray, Nancy L.** A comparative analysis of factors influencing smoking behaviors of college students, 1963-1987
- 1153 **Haddon, R. Lance.** A process for the evaluation of learner goals, reading comprehension, and program impact as elements of adult literacy programs.
- 1154 **Howell, Jerry.** Physical education and athletic facilities : analysis of usage and financial problems.
- 1155 **Johnson, J. Scott. (Jere Scott).** Attributes perceived as essential for hiring football and men's basketball coaches at NCAA Division I-A schools by university officials.
- 1156 **Jun, Tae Won.** The effect of interval weight training on dynamic muscular strength, power, and cardiorespiratory function in male college students.
- 1157 **Kim, Mikyung.** Cognitive development of Korean kindergarten children and its relationship to age, gender, social class, and maternal attitude.
- 1158 **Lambrech, Keith W.** An analysis of the competencies of athletic club managers.
- 1159 **Lee, Florence G. L.** A study of the effects of a multisensory communicative approach to English language acquisition of kindergarten children in Singapore.
- 1160 **Li, Xiaolong.** Effect of slot openness on word recall : three fundamental theorems.
- 1161 **McEwan, Barbara.** A study of the application of Judicious discipline, a constitutional perspective for school rules and decisions in selected Oregon school districts.
- 1162 **Nave, Michael E.** Impact of voluntary compliance and compliance inspection programs on experience rates among small employers in California.
- 1163 **Parks, Susan T.** Comparison of fractionated reaction time between cerebral palsied and non-handicapped youth.
- 1164 **Pearson, Geraldine Helen.** Strategic problem solving in the community college : an analytic model.
- 1165 **Pflug, Elizabeth A.** A comparison of the effect of computer-assisted-instruction and same-age peer-tutoring on math achievement of fourth grade students.
- 1166 **Piepmeyer, Karen Swanson.** Determining readability by computer analysis using the Fourier transform to calculate the spatial frequencies of words.
- 1167 **Sumrain, Ibrahim A.** Academic dishonesty : comparing American and foreign students' attitudes.
- 1168 **Turner, Robert W. (Robert William).** Attitudes of college students toward developmentally disabled peers.
- 1169 **Veal, Lawrence Lyman.** Perceived needs of special education as identified by school personnel in small rural school districts in six eastern Oregon counties.
- 1170 **Whyte, Catherine K.** The effects of locus of control and instructional method on self-efficacy with computers.
- Education—DOCTORS 1988**
- 1171 **Adera, Tilahun.** Epidemiological study of low back pain : association with socio-demographic and occupational factors.
- 1172 **Boersma, Stephen A.** Managerial competencies for church administration as perceived by seminary faculties, church lay leaders, and ministers.
- 1173 **Boyse, Peter Dent.** An analysis of trustee role perceptions in the state controlled Washington community college system and the locally controlled Oregon community college system and the relationship between trustee personal characteristics and these role perceptions.
- 1174 **Honey, William D.** The use of the ethnographic method in evaluating nontraditional continuing education programs.
- 1175 **Hyllegard, Randy.** An analysis of visual discriminatory skill of baseball players during the first 200 milliseconds of a pitch.
- 1176 **Jordan, Jean E.** Selected variables as predictors of retirement readiness of older employed women.
- 1177 **Kluge, E. Alan.** The relationship of instructional delivery methods and individual differences to the training of operators of computer systems.

- 1178 **Koval, David P.** Influences of a career curriculum on changes in vocational interests of mildly handicapped high school students.
- 1179 **Koval, James E.** Senior high school student opinions of the need for a ninth grade academic transition program.
- 1180 **Larson, Beverly J.** The effects of mainstreaming on nonhandicapped preschool children.
- 1181 **Lawler, Brynn Heintz.** Evaluation of the effect of a literature-based unit designed to enhance the attitudes of primary grade children toward the elderly.
- 1182 **LeMarr, John D.** Muscular strength of active men, 25 to 64 years of age.
- 1183 **Mizelle, Woody R.** Loss of self-esteem due to acquired brain injury : a multidisciplinary team approach to a single case study.
- 1184 **Morehouse, James Wesley.** The effect of trials-to-criterion on the retention of a discrete motor skill by moderately retarded and severely mentally retarded individuals.
- 1185 **Ndzingi, Loftus O.** Concepts to consider in developing a microcomputer simulation model to promote understanding of linkages between the macroeconomy and agriculture in a developing country.
- 1186 **Paul, Mary Elaine Bowen.** The effect of selected materials on the achievement of students in the intermediate grades in Native American cultural instruction.
- 1187 **Starmach, Ewa M.** A task analysis of the statistically related computer application needs of doctoral level university graduates with majors in education.
- 1188 **Sun, Michael B.** A Study for development of a methodological process and the use of certified NLP-practitioners in assessing the consistency of NLP-programmers rating eye movements.
- 1189 **Udompjitkul, Tumrong.** A student model in economic education : factors influencing a student's learning of economics.

Education—DOCTORS 1989

- 1190 **Abu-Saleh, Kadhem Mohammad.** Measurement of and correlation between attitudes toward physical education and health-related physical fitness among male students at two Saudi-Arabian universities.
- 1191 **Carpenter, Jill L.** (Post Secondary/Adult Education) The employment and career situation of women, age 40 and older, who have received services from a rural displaced homemaker program.
- 1192 **Charoenruk, Kongsak.** The application of item response theory in the cross-cultural validation of the physical estimation and attraction scale.
- 1193 **Chiang, Jasson.** Cardiorespiratory responses to circuit weight training as measured by a biokinetic swim-bench test and a treadmill run test.
- 1194 **Chintakanont, Churaiporn.** The effect of self-reference upon memory processing of the content of a television documentary in older adults.
- 1195 **Graber-Wilson, Gerri.** The extent of the relationship between reading and writing achievement among international students enrolled in a university freshman composition course.
- 1196 **Harmon, Gerald R.** The effect of additional special physical education and mainstreaming knowledge and skills on preservice elementary educators' attitudes toward physical education with handicapped and nonhandicapped children.
- 1197 **Kosa, Boonsong.** The relationship between burnout and selected demographic and job-related variables among Oregon public school teacher-coaches : identifying coping strategies.

- 1198 **Kritpet, Thanomwong Taweewoon.** The effects of six weeks of squat and plyometric training on power production.
- 1199 **Legler, James Richard.** An integrated systems framework for analyzing family business planning.
- 1200 **Mitchener, Virginia Wedler.** A theoretical design of rational autonomy : integrating elementary and early childhood teacher education through a contemporary derivation from Maria Montessori's social cognitive field paradigm.
- 1201 **Nearingburg, Patt.** The effects of three levels of contextual interference on acquisition and retention of a sequential motor skill in moderately mentally retarded and nonretarded individuals.
- 1202 **Rat-rim-chong, Aim-ut-cha.** A perceptual comparison of experts, principals and teachers with respect to school health programs within the elementary schools under the jurisdiction of Bangkok metropolis, Thailand.
- 1203 **Rife, Carol Lee.** A comparison of the effect of oral versus written lesson closure on the achievement of seventh and eighth grade students in social studies.
- 1204 **Savelsbergh, Mary.** A study of effective consultant teachers' leadership styles and personality preferences.
- 1205 **Schloss, Jacob Leon.** A comparison of selected instructional media and methods for teaching global studies.
- 1206 **Stebbins, Sarah J.** The influence of community service volunteer work on perceptions of job satisfaction and organizational commitment among Oregon employees of Pacific Northwest Bell.
- 1207 **Stenson, Julie Ann.** The effect of social support on the well-being of single-mothers enrolled in rural community college.
- 1208 **Wang, Jin-cherng.** (Physical Education and Chemistry) The impact dynamics of a tennis ball striking a hard surface.
- 1209 **Wesley, Charmaine.** A task analysis of correctional counselor needs of university graduates with majors in counseling.

Education—DOCTORS 1990

- 1210 **Al-Shehry, Ali Maadi.** An investigation of the financial and academic problems perceived by Saudi graduate students while they are studying in the United States.
- 1211 **Bachman, William C.** A comparative study of the effectiveness of residence hall student government and selected perceptions and characteristics of resident hall student staff members and student government officers.
- 1212 **Balaban, Gerald M.** The relationship of teachers' mathematics preparation and degree level to essential learning skills.
- 1213 **Budd, Clair Allen.** The effect of theological education on philosophy of human nature among Nazarene Sunday school teachers.
- 1214 **Carr, Maureen Sherry.** A comparison of the metacognitive behaviors of field independent and field dependent pre-service teachers.
- 1215 **Cochrane, Linda Louise Loomis.** Survey of collection analysis practices in public and academic libraries in the United States, and the effect of automation thereon.
- 1216 **Coll, Kenneth M.** A study of factors that contribute to job satisfaction and role congruence for community college counselors.
- 1217 **Corley, Sherie P.** A study of the effects of an extended transfer student orientation course on factors of student success.
- 1218 **Devore, Judy.** A comparative study of extended orientation courses in two- and four-year colleges.

- 1219 **Ellis, Barbara Gail.** Major inhibitory factors in the assessment of themes by Oregon high school English teachers.
- 1220 **Fischer, Joseph Miller.** A comparison of three alcohol education instructional approaches on the attitudes and knowledge of college students.
- 1221 **Graham, Diana Sue.** ****An analysis of the relationships between self-perceived occupational stress, reported health status, sex-role socialization, attitude toward feminism, educational attainment, and perceived pay equity among OPEU clerical Oregon **fix in Word or WP***
- 1222 **Groner, Michael.** The accuracy of parents' perceptions of their preschool children's gross motor abilities.
- 1223 **Hauseman, Joseph Hayes.** A comparison of effective teaching characteristics of teachers who participated in a mentor-teacher program with teachers who did not.
- 1224 **Hookstra, Glenn Maitland.** Middle school social studies : an examination of textbook, structure, classroom interaction, and student achievement.
- 1225 **Hughes, Peter Mark.** An examination of subsidies provided by public universities to affiliated foundations.
- 1226 **Jaffe, Clella I.** An ethnography of a rural elementary school district containing three types of minority students.
- 1227 **Kauffman, Francis M.** A comparison between the management practices of academic department chairpersons and private industry managers.
- 1228 **Khaef, Ahmad Ali.** The relationship of organizational structure and job satisfaction in Iranian iron companies.
- 1229 **Killpatrick, Paul T.** The relationship between benefits from a GED certificate and the age group (life cycle phase) of the recipient.
- 1230 **Makande, Tendekai Don.** A study to determine the need for mathematics inservice training for untrained and trained teachers in K-7 rural schools in Manicaland, Zimbabwe.
- 1231 **Mucklow, William R.** The Canadian two-year college foundation : characteristics of success.
- 1232 **Nielsen, Fay Elise.** A competency analysis of NCAA athletic administrators.
- 1233 **Schuetz, Larry Jamison.** An analytic model for implementation of participatory process control.
- 1234 **Shake, Caron Lee Louise.** The effects of warm and cold water scuba finning on cardiorespiratory responses and energy expenditure.
- 1235 **Stanley, Sandra Tierney.** Motivational orientations as perceived deterrents to participation among low-literate adults seeking literacy referral services.
- 1236 **Taqueban, Cappia R.** A contrast of the level of importance of selected computer competencies between the computer specialists and the elementary teachers.
- 1237 **Tsuboya, Yoko.** A syntactical analysis of modern Japanese thought patterns as reflected in characteristics of the Japanese language.
- 1243 **Denevan, James P.** A descriptive study of Oregon schools/school districts to investigate how they planned to implement Oregon Administrative Rule 581-22-413.
- 1244 **Freeman, Barbara L.** Effects of a written intervention on the state anxiety of new mathematics teachers.
- 1245 **Hamlin, Karen DeShon.** Mentor's view of the observation process in Oregon's beginning teacher support program.
- 1246 **Hickcox, Leslie K. (Leslie Kay).** An historical review of Kolb's formulation of experiential learning theory.
- 1247 **Jensen, Edward A.** A study to determine the media competencies recommended by inservice teachers from teaching disciplines.
- 1248 **Kieff, Judith E.** Preference for school involvement strategies by mothers of at-risk and peer-model kindergarten children.
- 1249 **Kincaid, John Thomas.** The nomenclature of crime and violence as it appears in the educational and criminal justice systems.
- 1250 **Luttrell, William Lynn.** The self-concept and perceived importance of athletic competition of winners and losers in special olympics.
- 1251 **Mathews, Stephen E.** Teacher attending behaviors directed to at risk high school students.
- 1252 **Mishler, Darrell W. (Darrell Wayne).** Analysis of socio-cultural factors affecting the establishment of a cross-cultural Christian leadership education program in Mexico City.
- 1253 **Mongkolsiri, Pravate.** The effects of behavioral objectives on student achievement in college chemistry.
- 1254 **Pelto, Joan McAlmond.** Field sensitivity of Native American students at Oregon State University, as determined by the group embedded figures test.
- 1255 **Petre-Miller, Daniel S.** The content analysis of low-functioning sex offenders' dreams.
- 1256 **Smart, Ann Dillie.** Influences on State-funded categorical enrollment patterns in thirteen of Oregon's community colleges.
- 1257 **Smith, Clayton Nowlin.** A study of the relationship between living environment press and retention of freshman pledges in fraternities at Oregon State University.
- 1258 **Smith, Karen Clark.** The relationship of teacher role characteristics, staff development, and school climate to the use of manipulatives in primary grade mathematics.
- 1259 **Sullivan, J. Kevin (Jeremiah Kevin)** A study to examine the relationship between burnout/selected demographic characteristics and supervisory support among school psychologists.
- 1260 **Takeshita, Shunichi.** Reform in undergraduate physical education major programs in the United States and in Japan.
- 1261 **Wright, Bernadette P.** The relationship between terminal values and health care preferences among Chinese students from the People's Republic of China and Taiwan attending Oregon State University.

Education—DOCTORS 1991

- 1238 **Akobundu, Regina E.** Language proficiency and self-concept : a study of Japanese exchange students.
- 1239 **Almotaa, Ali.** An organizational model for community colleges in Yemen.
- 1240 **Brown, Wayne E. (Wayne Edward).** Modeling academic performance change from high school to college.
- 1241 **Carlson, Ron.** An evaluation of a change effort.
- 1242 **Carter, William D. (William David).** A comparison of instructor-led and interactive video training for the personal computer application WordPerfect.

Education—DOCTORS 1992

- 1262 **Anstine, Daniel D.** An investigation of the relationships between student evaluations and faculty, class, and student demographic variables in rating instructional effectiveness.
- 1263 **Boltes, Barbara V.** Quality management factors and related performance measures in the cooperative extension system.
- 1264 **Bombardier, Louis.** An analysis of mediating factors, perceptions, and personnel related to strategic change in community college based small business development centers.
- 1265 **Cagle, Russell John.** Effect of hamstring temperature reduction on quadriceps torque.

- 1266 **Clausing-Lee, Marianne Sue.** Qualitative study of patterns in attitudes, values and behaviors among fathers of gifted and non-gifted children in selected preschools.
- 1267 **Cote, Dorence J.** A study of transition skills for special education teachers in secondary settings.
- 1268 **Fox, Margaret Wynne.** A process for evaluating the instructional component of developmental education programs using the educational Opportunities Program at Oregon State University as a case study.
- 1269 **Groll, Bruce Jeffrey.** Anonymous screening process for selecting the most qualified finalists in administrative employment searches.
- 1270 **Halling, Daye H.** Analysis of resistance exercise curriculum in select four-year undergraduate physical education programs.
- 1271 **Johnson, Wayne E.** Characteristics of Oregon agricultural export entrepreneurs.
- 1272 **Kilburg, Gary M.** A study of peer collaborative mentoring for the professional development of international graduate teaching assistants.
- 1273 **Kwon, Soon-chang.** Guidelines for a proposed inservice teacher training program for the use of computers in Korean elementary school classrooms.
- 1274 **Lawson, LaJean.** Chest/breast protectors for female athletes : cushioning properties and effect on selected physiological and performance variables.
- 1275 **Lin, Ching-ho.** A cross-racial comparison of the relationship of personality traits, body mass, and physical fitness among junior high school students in Taiwan.
- 1276 **McNaught, Susan C.** An analysis of the relationship between the preferred cognitive learning style of field independence/field dependence and success in learning English as a second language among post-secondary Japanese students.
- 1277 **Pankratz, John.** The relationship among community commitment to education, resource allocation and education success in rural Oregon.
- 1278 **Parnell, Dale Paul.** An identification of the mission of the Community College of the Air Force and an assessment of the extent to which the mission has been fulfilled.
- 1279 **Questad, Beverly A.** A case study of effects of accelerated learning methodology on reading gains of ten middle school students in southwest Washington.
- 1280 **Ruangruchira, Natsuda.** Effects of advance organizers on student achievement in general chemistry.
- 1281 **Siriprasert, Jirakorn.** The effects of physical fitness programs on the job performance of full-time employees in public universities of Oregon.
- 1282 **Stevenson, Carl W.** A comparison of psychological characteristics of standout police officers and Oregon Police Academy trainees.
- 1283 **Turner, Micki.** A study to assess the knowledge about AIDS held by mental health counselors.
- 1284 **Yocom, Dorothy Jean.** The effects of implementing the consultation model on special education referrals in the Portland (Oregon) public schools from 1987-1990.

Electrical and Computer Engineering—MASTERS 1983

- 1285 **Dunsmore, Joel P.** The analysis and design of a broadband microwave buffer amplifier.
- 1286 **Flanagan, Stephen T.** Synchronization in a CMOS technology.

Electrical and Computer Engineering—MASTERS 1984

- 1287 **Acuna, Fernando R.** Variable linear phase digital filters.

- 1288 **Das, Utpal.** Some transport properties of organometallic vapour phase epitaxial Al_xGa_{1-x}As and ion-implanted GaAs.
- 1289 **Easterday, John L.** Multiprocessor computers with replicated shared memory.
- 1290 **Haisch, Hansjoerg.** Passive source tracking from spatially correlated angle-of-arrival data.
- 1291 **Milden, Mark R.** An approach for selecting a language for computer hardware description and simulation.
- 1292 **Spee, Rene.** High energy impulse generator design.
- 1293 **Tan, Hin Leong.** Frequency domain deconvolution.

Electrical and Computer Engineering—MASTERS 1985

- 1294 **Anderson, Harry R.** Theoretical and experimental investigations of FSK data transmission in the noise and interference environment of broadband two-way cable television systems.
- 1295 **Heilig, Thomas.** Design and simulation of a model for lymphocyte flow through single lymphnodes.
- 1296 **Lim, Daniel.** VLSI design methodologies and computer tools.
- 1297 **Mammen, M. Ninan.** A microprogramming learning system.
- 1298 **Permantier, Gerald A.** Stabilizing control strategies for the doubly-excited machine.
- 1299 **Peterson, Patricia A.** A model of the likelihood of stimulation or tolerance of the B lymphocyte.
- 1300 **Rentola, Christopher T. W.** Real-time data quality assessment using linear prediction.
- 1301 **Schumm, Gerhard.** A study of the photoresponse of semi-insulating gallium arsenide.

Electrical and Computer Engineering—MASTERS 1986

- 1302 **Abweh, Nael Nabih.** PRONTO programs for product term reduction.
- 1303 **Leelanukrom, Pricha.** Harmonic currents in Static Vars Compensators.
- 1304 **Rastegar, Bahador.** Surface recombination velocity and bulk lifetime in GaAs and InP.
- 1305 **Weigand, Claus H.** Voltage controller for a variable speed generation system.
- 1306 **Yazdani-Buicki, Kiyandokht.** Design and simulation of a DC-to-DC high-frequency series-resonant converter.

Electrical and Computer Engineering—MASTERS 1987

- 1307 **Asadi, Mohammad Ayman O.** Speech deconvolution using Gaussian pulses.
- 1308 **Bibby, Michael C.** Special associative preprocessing structures for qualitative feature extraction.
- 1309 **Ebner, John.** The growth of ternary compound semiconductors by molecular beam epitaxy.
- 1310 **Edmonds, Douglas E.** A multi-microprocessor debug executive.
- 1311 **Gamage, Gayani N. K.** A survey of optimal frequency domain deconvolution methods.
- 1312 **Liu, Dongtai.** A hierarchically organized microprocessor system for motor position control.
- 1313 **NwaChukwu, David O.** Simulation of a high voltage direct current transmission system in an electromagnetic transients program using semiconductor terminals.
- 1314 **Ranawake, Udaya A.** Preliminary studies on a magnetic elevator for solids (MES).
- 1315 **Sakallah, Faten A.** ISPS in system design.
- 1316 **Weisshaar, Andreas.** LORAN-C receiver position estimation from noisy time-difference data.

- 1317 **Werahera, Priya N.** Supervisory control of a doubly-fed machine.
- 1318 **Whitwer, Fredrick D.** DLTS characterization of precipitation induced microdefects.
- 1319 **Yang, Howard C.** Characteristics of semi-insulating GaAs photoconductive detectors under steady state illumination.
- 1320 **Yu, Chi-ming.** Implementation of a digital PID controller in a hierarchical distributed control system.
- 1321 **Zheng, Yuepeng.** A simple local area network, COLAN (Control Oriented Local Area Network).
- 1322 **Zhu, Feihong.** Two dimensional recursive fast Fourier transform.

Electrical and Computer Engineering—MASTERS 1988

- 1323 **Bate, John G.** The architecture and design of a parallel sorting engine.
- 1324 **Eum, Doo-hun.** COLAN III, a control-oriented LAN using CSMA/CD protocol.
- 1325 **Gilbert, John D.** Acceleration of a heuristic PLA product term reduction program through complementation of the PLA specification.
- 1326 **Graulich, Markus Gunter.** Weather influence on Loran-C.
- 1327 **Juang, Min Tzuan.** Instabilities in InP MIS capacitors.
- 1328 **Kao, Shao-kong.** Design of COLAN II, a control oriented local area network.
- 1329 **Lam, Steven C. F.** Analytical model of GaAs MESFET output conductance with frequency and temperature dependent parameters.
- 1330 **Li, Ruqi.** Applications of mathematical programming techniques in optimal power flow problems.
- 1331 **Liu, Tian-chen.** CMOS analog design using a digital gate array.
- 1332 **Or, Pee-Keong.** Modeling of subthreshold current of GaAs MESFET and the design of voltage reference circuit.
- 1333 **Saugen, John David.** An expert system for optimal tuning of adaptive PID regulators.
- 1334 **Thye, Yong.** COLAN IV, a local area network for communications and control.
- 1335 **Yang, John Jian.** A high-swing CMOS operational amplifier topology.
- 1336 **Yu, Choung.** A high-swing class-AB CMOS operational amplifier.

Electrical and Computer Engineering—MASTERS 1989

- 1337 **Abhyankar, Rajendra.** Hardware implementation of color transforms in the analog domain for wood surface analysis.
- 1338 **Abu-Dayeh, Mahmoud A.** A fast-settling folded-cascode CMOS operational amplifier.
- 1339 **Ann, Seung-Han.** A chopper-stablized CMOS operational amplifier.
- 1340 **Atluri, Venkata Ram.** A multiprocessor node for communication and control.
- 1341 **Durgam, Jaisimha.** Dynamically configurable systolic arrays.
- 1342 **Eo, Jin-Woo.** Mathematical morphology : a case study of linear shift-in variant filter implementation.
- 1343 **Godbole, Hemendra G.** An investigation of bulk stacking faults in silicon using photocapacitance transient spectroscopy.
- 1344 **Hayden, Leonard.** Nonuniformly coupled microstrip transversal filters for analog signal processing.
- 1345 **Hung, Shih-chuan.** The design of a single chip logic state analyzer.
- 1346 **Jen, Shin D.** Operational amplifier compensation using doublet-decompression for switched-capacitor circuits.

- 1347 **Jiang, William.** A CMOS differential line driver.
- 1348 **Ju, Shu-ing.** Design of GaAs monolithically integrated optical receiver amplifier.
- 1349 **Kang, Seong K.** Sliding mode controller for robot manipulator.
- 1350 **Kim, Seung-bae.** Diamond-like carbon films for electroluminescent applications.
- 1351 **Koehler, Loren.** Cursive script recognition using a dynamic time warping method.
- 1352 **Kumar, Ravi C.** COLAN V : a high performance local area network for control and communication utilizing a communication co-processor.
- 1353 **Lee, Seung Min.** Design and simulation of a simple digital computer central processing unit using computer-aided design software on a personal computer.
- 1354 **Norton, Peter.** The implementation of a control and development program for a local area network (LAN).
- 1355 **Qin, Bi-de.** Operating characteristics of the brushless doubly fed machine.
- 1356 **Rajanala, Arunkumar V.** IEEE 754 single precision standard compatible floating point processor implemented using silicon compiler technology.
- 1357 **Shenoy, Ravindra Umanath.** A CAD noise model for chopper-stabilized switched-capacitor filters.
- 1358 **Sivakolundu, Ramesh.** Implementation of single board computer for real time control of power electronic converter controlled variable speed generation system.
- 1359 **Skelton, Jeanette K.** Analysis and synthesis of neural networks.
- 1360 **Yarimbayik, Bulent.** Optimal control of an induction motor.
- 1361 **Yoo, Tae-On.** Implementation of an Ethernet Local Area Network board for the MacIntosh II system.
- 1362 **Yu, Hua.** EDLAN, an educational local area network.
- 1363 **Zhou, Yaqin.** CLASSLAN, an experimental personal computer network for classroom education.

Electrical and Computer Engineering—MASTERS 1990

- 1364 **Chang, Chujyh.** Modeling and characterization of hemt devices.
- 1365 **Chow, Andrew Siv-Anne.** Application and analysis of CMOS FSCL for mixed-mode analog/digital ICs.
- 1366 **Garimella, Krishna S.** Performance analysis of network based file systems.
- 1367 **Gazeley, William G.** A study of the temperature dependence of the DC current-voltage characteristics of AlGaAs/GaAs heterojunction bipolar transistors with application to bandgap voltage reference sources.
- 1368 **Hansen, James Edward.** A time-multiplexed switched-capacitor circuit for neural network applications.
- 1369 **Hegde, Anoop R.** An efficient data transfer protocol for Ethernet.
- 1370 **Ho, Chi-Sung.** Model flexible assembly system.
- 1371 **Jia, Zuxin.** Critical evaluation of Ouyang's model reduction method.
- 1372 **Jiang, Jin.** The architecture and design of a neural network classifier.
- 1373 **Khormaei, Iranpour.** Improved stability in ACTFEL devices.
- 1374 **Lee, Bor.** MOS switched-current biquadratic filters.
- 1375 **Lee, Wing-sun R.** Distortion analysis of switched-current circuits.
- 1376 **Li, Aihua.** Synthesis of multi-rate arrays from directional uniform recurrence equations.

- 1377 **Lim, Choo-chiang.** A programmable system scheduler for control oriented local area networks (COLAN).
- 1378 **Luo, Lei.** Power spectrum estimation of sinusoids from white and colored noises using the canonical correlation analysis method.
- 1379 **Malhotra, Sanjeev.** Design of totally self-checking checker for t-unidirectional error detecting codes.
- 1380 **Nayak, Harish Chandra B.** Design strategies for interface of bus architectures.
- 1381 **Orhanovic, Neven.** Time domain simulation of multiconductor lossy transmission lines by the method of characteristics.
- 1382 **Osta, Ahmad M.** Overcoming the singularity problem in digital image restoration.
- 1383 **Park, Chung Min.** A graphical ethernet monitoring system (GEMS).
- 1384 **Peng, Lan L.** Drain current transient characterization of P-channel GaAs MESFET.
- 1385 **Pillay, Harish.** An implementation of the Department of Defense's transmission control protocol internet protocol (TCP/IP) for the Microsoft OS/2 operating system.
- 1386 **Schaal, Hans-werner.** Taskmaster II, a versatile distributed system for control.
- 1387 **Shum, Daniel K.** Model and design of cmos phase-locked loop.
- 1388 **So, Dennis.** A multi-media presentation system for control oriented local area networks (COLAN).
- 1389 **Widjaja, Stephen.** Reduced instruction set computer memory architectures.
- 1390 **Yadav, Anil Kumar.** Performance monitoring of parallel applications at large grain level.
- 1391 **Yesilyurt, Ayse Gul.** Digitally-programmable switched-current filters.
- 1392 **Zahl, Eric L.** Resolution enhancement of analog-to-digital converters through computationally simple digital filtering.
- 1393 **Zhang, Licheng.** The design of a reduced instruction set computer using a silicon compiler.
- Electrical and Computer Engineering—MASTERS 1991**
- 1394 **Ahmed, Mahbub I.** Performance analysis of least square error [omega] filter for image reconstruction from projection.
- 1395 **Al-Rabeh, Raed H.** Removing inter-minidisk gaps on IBM's VM/CMS operating systems.
- 1396 **Botelho, Cindy.** A universal CMOS current-mode operational amplifier.
- 1397 **Chee, San-hwa.** CMOS differential logic techniques for mixed-mode applications.
- 1398 **Chen, Long Ren.** An adaptive pitch axis autopilot design for an unstable nonminimum phase pitch axis model.
- 1399 **Dai, Reza A.** Improved Lyapunov-based decentralized adaptive controller.
- 1400 **Hwang, Nam.** A dual-frequency diode laser displacement sensor.
- 1401 **Kamdar, PravinP.** Numerical simulation of Al [subscript x] Ga [subscript 1-x] As/GaAs and (Al [subscript x] Ga [subscript 1-x]) [subscript 0.47] In [subscript 0.53] As/InP bandgap engineered solar cells.
- 1402 **Krishnan, Sheela.** Digital stabilizer for brushless doubly-fed machine.
- 1403 **Lao, Paul A.** Current-feedthrough cancellation techniques in switched-current circuits.
- 1404 **Myers, Robert A. (Robert Allan).** Quasi-static design of electro-optic modulators by the method of lines.
- 1405 **Ramchandran, Ashok.** A method for controlling and stabilizing the pitch-axis dynamics of a magnetically levitated train.
- 1406 **Rochelle, Patrick R.** Analysis and design of the brushless doubly-fed machine.
- 1407 **Seifkhani, Farroh.** Investigation, analysis and design of the linear brushless doubly-fed machine.
- 1408 **Subramanian, Vivek.** Switched-current logic for digital circuit design.
- 1409 **Traylor, Roger L.** A token caching waiting-matching unit for tagged-token dataflow computers.
- 1410 **Venkatswamy, Suresh.** A new and improved control of a power electronic converter for stabilizing a variable speed generation system using an embedded microcontroller.
- 1411 **Xu, Yan.** Implementation of display control node for a distributed microcontroller network.
- 1412 **Yindeepol, Wipawan.** Fabrication and characterization of modulation doped field effect transistors for quantum waveguide structures.
- 1413 **Zele, Rajesh H.** Fully-differential current-mode CMOS circuits and applications.
- Electrical and Computer Engineering—MASTERS 1992**
- 1414 **Badyal, Rajeev.** VLSI implementation of adaptive BIT/serial IIR filters.
- 1415 **Baily, Albert L.** Multi-media presentation system based on a distributed control network.
- 1416 **Davidson, James D. (James Douglas).** Capacitance-voltage analysis, SPICE modeling, and aging studies of AC thin-film electroluminescent devices.
- 1417 **Doustmohammadi, Ali.** Evaluation of a pole placement controller for a planar manipulator.
- 1418 **Gribble, Donald L.** A new RISC architecture for high speed data acquisition.
- 1419 **Hayward, Roger D.** Improving a sampled-data circuit simulator for Delta-Sigma modulator design.
- 1420 **Ho, (Jeremy) Yui Luen.** Processor memory traffic characteristics for on-chip cache.
- 1421 **Hoei, Jung-sheng.** High accuracy CMOS switched-current ladder filters.
- 1422 **Javadekar, Virendra S.** Design and development of a controller for a brushless doubly-fed automotive alternator system.
- 1423 **Jimenez, Ronald.** Robust nonlinear decentralized control of robot manipulators.
- 1424 **Jong, Jyh-ming.** Time domain characterization of interconnect discontinuities.
- 1425 **Lee, Louis Wai-Fung.** Fully efficient pipelined VLSI arrays for solving toeplitz matrices.
- 1426 **Lerman, David.** A model for the generation and study of electromyographic signals.
- 1427 **Lin, Angela A.** Two dimensional numerical simulation of a non-isothermal GaAs MESFET.
- 1428 **Maskai, Sailesh R.** Design of complex digital blocks using folded source-coupled logic for mixed-mode applications.
- 1429 **Mui, Lap K.** Scheduling system of affine recurrence equations by means of piecewise affine timing functions.
- 1430 **Myers, Timothy F.** Proposed implementation of a near-far resistant multiuser detector without matrix inversion using Delta-Sigma modulation.
- 1431 **Or, Siu-shun Burnette.** Hot electron effects in N-channel MOSFET's.
- 1432 **Parson, Kevin J.** Wide stripe, high power diode lasers.
- 1433 **Reinalda, Johannes K.** A controller for internet protocol routing of AX.25 packets.

- 1434 **Reudink, Mark D.** Modeling of the orientation dependence of scanned HgCdTe infrared detectors.
- 1435 **Xu, Xiaofeng.** Analysis and design of oversampled digital-to-analog converters.
- 1436 **Yan, Kai-tuan Kelvin.** Wide bandwidth GaAs MESFET amplifier.
- 1437 **Young, David Y.W.** Current-feedthrough cancellation technique for current-mode T/H circuits.
- 1438 **Zhai, Dalun.** Analysis and design of bandpass delta-sigma A/D converters.

Electrical and Computer Engineering—DOCTORS 1983

- 1439 **Chin, Youn Kang.** Analysis and applications of multiple coupled line structures in an inhomogeneous medium.
- 1440 **Halawani, Talal Umar.** An optimal control approximation for a certain class of nonlinear filtering problems.
- 1441 **Lee, Hyuckjae.** Computational methods for the quasi-TEM characteristics of fundamental MIC planar structures.
- 1442 **Lee, Man Hyung.** Optimization of stochastic dynamic system with random coefficients.
- 1443 **Martinez-Carballido, Jorge Francisco.** PRONTO: a product term reduction approach.
- 1444 **Moon, Young-hyun.** Optimal load shedding and generation rescheduling for overload suppression in large power systems.

Electrical and Computer Engineering—DOCTORS 1984

- 1445 **Kwag, Hye Keun.** Fault diagnosis in a fully distributed local computer network.
- 1446 **Yang, Fanling Hsu.** Electrical properties of GaAs FET structures.

Electrical and Computer Engineering—DOCTORS 1985

- 1447 **Al-Shehri, Abdullah M.** Capacitive coupling compensation facilitating single-pole switching on six-phase transmission lines.
- 1448 **Binder, Eli Eliyahu.** Distributed architecture and fast parallel algorithms in real-time robot control.
- 1449 **Kirkpatrick, Donald C.** Design of self-synchronized asynchronous sequential state machines using asymmetrical delay elements.
- 1450 **Prasad, S. Jayasimha.** A study of the effects of oxide traps on the characteristics of indium phosphide MISFETs.
- 1451 **Rao, Mulpuri Venkata.** Properties of semi-insulating InbOs. b53sGabOs. b47sAs epitaxial layers and photoconductive detectors.

Electrical and Computer Engineering—DOCTORS 1986

- 1452 **Agoston, Agoston.** Sampling enhanced measurement systems.
- 1453 **Bugnon, Francois J.** Team differential games and nonlinear signal processing.
- 1454 **Hwang, Chun Sik.** Observability and information structure of nonlinear systems.
- 1455 **Shaban, Ali Omar.** Identification of synchronous machine parameters.
- 1456 **Sultan, Mohammed Ashraf.** The radiation characteristics of open- and closed-ring microstrip antennas.

Electrical and Computer Engineering—DOCTORS 1987

- 1457 **Agha-Mirsalim, Mojtaba.** The doubly-excited generator and its utilization in a variable-speed generating system.
- 1458 **Farooqi, Zarreen H. H.** Identification of stochastic systems with random parameters with particular reference to the recirculating lymphocytes in the immune system.

Electrical and Computer Engineering—DOCTORS 1988

- 1459 **Aminzadeh, Mehran G.** Recombination and generation lifetime characterization of p/pp+ septaxial silicon wafers.
- 1460 **Kang, Cheoul Shin.** Hybrid-Meshnet, a local area mesh network with distributed control.
- 1461 **Kruatrachue, Boontee.** Static task scheduling and grain packing in parallel processing systems.
- 1462 **Mohammed, Ahmed Sarhan.** Analysis and modeling of electrically long MESFETS and coupled schottky lines.
- 1463 **Siriboon, Thit.** Integrated local and global microprogram reduction.
- 1464 **Spee, Rene.** Prediction of brushless DC drive performance considering non-sinusoidal parameter variations and asymmetrical operating conditions.
- 1465 **Sze, Wing-II.** Electrical characterization of silicon and silicon dioxide materials.
- 1466 **Tang, Zhigiang.** Bilinear stochastic processes and time series.

Electrical and Computer Engineering—DOCTORS 1989

- 1467 **Ahn, Byoungchul.** The analysis and synthesis of a parallel sorting engine.
- 1468 **Mun, Wangjin** Pipelined multiprocessor computer architecture and fast parallel algorithms for real-time robot control.
- 1469 **Xu, Mingcheng.** Concurrent message transmission on short delay ring networks.

Electrical and Computer Engineering—DOCTORS 1990

- 1470 **Ebner, John.** Growth, fabrication and modeling of pseudomorphic laser diodes.
- 1471 **Haddad, Homayoon.** Characterization of oxygen and carbon effects in silicon material and MOSFET devices.
- 1472 **Hill, Achim.** Quasi-TEM and full wave numerical methods for the characterization on microstrip discontinuities.
- 1473 **Rhee, Ill-keun.** Nonlinear approach to the direction finding problem in array processing.
- 1474 **Yang, Howard C.** Design considerations for fast-settling operational amplifiers.
- 1475 **Yang, Xueshan.** Stability of discrete bilinear systems.

Electrical and Computer Engineering—DOCTORS 1991

- 1476 **Canfield, Philip C.** A P-well GaAs MESFET technology.
- 1477 **Eum, Doo-hun.** Data-structure builder for VLSI/CAD software.
- 1478 **Fiez, Theresa S.** Design of CMOS switched-current filters.
- 1479 **Kollipara, Ravindranath Tagore.** Modeling and testing of semi-insulating gallium arsenide interdigitated photodetectors.
- 1480 **Kwon, Tae-hwan.** Restoration of quadratically distorted images.
- 1481 **Lee, Kwon Soon.** Mathematical modeling and the control of immune processes with application to cancer.
- 1482 **Lee, Mankoo.** Analysis and modeling of GaAs MESFET's for linear integrated circuit design.
- 1483 **Li, Ruqi.** Dynamic modeling, simulation and stability analysis of brushless doubly-fed machines.
- 1484 **Liang, Guojin.** Current mode analog and digital circuit design.
- 1485 **Liu, Dongtai.** OptoNet- a non-directional infrared communication link for local area networks.
- 1486 **Weisshaar, Andreas.** Generalized modal analysis of electromagnetic- and quantum-waveguide structures and discontinuities.

- 1487 **Yoo, Hyungmo.** Effect of structural parameters on resonant tunneling diode performance.

Electrical and Computer Engineering—DOCTORS 1992

- 1488 **EO, Jin-woo.** Multi-variate morphological filtering with applications to color image processing.
- 1489 **Kim, Seung-bae.** Electrical characterization of n-type aluminum gallium arsenide.
- 1490 **Lary, Jenifer Edith.** Hot electron transport and relaxation in quantum wells and superlattices.
- 1491 **Park, Dae-hyun.** Detection and diagnosis of parameters change in linear system using time-frequency transformation.
- 1492 **Ranawake, Udaya A.** Cluster partitioning approaches to parallel Monte Carlo simulation on multiprocessors.
- 1493 **Thorburn, Michael Arthur.** Analysis and modeling of discontinuities and inter-element coupling in passive microwave integrated circuit components.
- 1494 **Zhu, Feihong.** Stochastic properties of morphological filters.

Electrical Engineering see—Electrical and Computer Engineering

Entomology—MASTERS 1983

- 1495 **Coop, Leonard Bryan.** Orange tortrix : parasitoid complex and thermal constants for egg hatch.
- 1496 **Dudley, Thomas Leavitt.** Population and production ecology of *Lipsothrix* spp. (Diptera:Tipulidae).
- 1497 **Hoffman, George D.** Plant architectural barriers to feeding site selection by the meadow spittlebug, *Philaenus spumarius* (L.).
- 1498 **Larson, Katherine Cole.** Influence of the secondary metabolites of *Mentha piperita* L. on *Tetranychus urticae* Koch.
- 1499 **Madar, Robert John.** Aspects of the field and developmental biology of a *Apanteles yakutatensis*, a parasitoid of *Autographa californica*.
- 1500 **Messing, Russell H.** The biology of the predator complex of the filbert aphid, *Myzocallis coryli* (Goetze), in western Oregon.
- 1501 **Skultab, Seeviga.** The effect of photoperiod and temperature on ovarian development and fat production in *Culex peus* Speiser (Diptera:Culicidae).
- 1502 **Yandell, Kurt Lowry.** Sound production and stridulatory organs of *Dendroctonus ponderosae* Hopkins : a comparison of populations from three pine hosts.

Entomology—MASTERS 1984

- 1503 **Alvarez B., Francisco.** Studies on resistance of rice to *Sogatodes oryzicola* (Muir) and a parasitoid, *Haplogonatopus* sp., in Costa Rica.
- 1504 **Steedman, Robert John.** Life history and feeding role of the xylophagous aquatic beetle, *Lara avara* LeConte (Dryopoidea:Elmidae).
- 1505 **Talkington, Michael Lee.** Effects of tillage on emergence of mint root borer, *Fumibotys fumalis* Guenee, and on other agronomic factors in peppermint, *Mentha piperita* L..

Entomology—MASTERS 1985

- 1506 **Baldrige, Gerald D.** Cytochrome P-450 monooxygenases in the mosquito, *Culex pipiens*.
- 1507 **Follett, Peter A.** Monitoring pesticide resistance in *Psylla pyricola* Foerster from western Oregon pear orchards.

- 1508 **Kimberling, Diana Nalani.** Distribution, phenology, and parasitism of the winter moth, (*Operophtera brumata* L.), in western Oregon.

- 1509 **Miller, Richard W. (Richard William).** Effects of early season immigration on acaricide resistance of *Tetranychus urticae* Koch on strawberry in the California Pajaro and Salinas valleys.

- 1510 **Oswald, John David.** A revision of the Nearctic species of *Symphorobius* Banks (Neuroptera: Hemerobiidae).

Entomology—MASTERS 1986

- 1511 **Hadam, John J.** Phytoseiidmites (Parasitiformes: Phytoseiidae) of commercial crops in the Willamette Valley, Oregon and pesticide resistance in the principal species *Typhlodromus pyri* Scheuten.

- 1512 **Sewall, David K.** Chemotherapeutic and nontarget side-effects of benomyl to the orange tortrix (*Argyrotaenia citrana*) and the braconid endoparasite *Apanteles aristoteliae*.

Entomology—MASTERS 1987

- 1513 **Dombrosky, Scott A.** Impact of insects on seed production in a Douglas-fir seed orchard in Oregon.

- 1514 **Donegan, Katherine K.** Interactions and persistence of the mosquitocidal bacteria *Bacillus sphaericus* and *Bacillus thuringiensis* var. *israelensis*.

- 1515 **Henneberger, Diane.** Adequacy of hand-defoliation of tansy ragwort (*Senecio jacobaea* L.) as a simulation of defoliation by cinnabar moth (*Tyria jacobaeae* (L.)).

- 1516 **Katundu, Juma.** Status, distribution and seasonal variation of filbert aphid resistance to selected insecticides in the Willamette Valley, Oregon.

- 1517 **Kelly, Alice M.** Oviposition behavior and thermal constants for egg development of the filbertworm *Cydia latiferreana* (Lepidoptera: Tortricidae).

- 1518 **Theiling, Karen M.** The SELCTV database : the susceptibility of arthropod natural enemies to agricultural pests to pesticides.

Entomology—MASTERS 1988

- 1519 **Harwood, Steven Hunter.** Toxicity of peppermint monoterpenes to the variegated cutworm, *Peridroma saucia* Hubner.

- 1520 **Wisseman, Robert William.** Biology and distribution of the *Dicosmoecinae* (Trichoptera: Limnephilidae) in western North America.

- 1521 **Zhong, He.** Host selection and wood channelization by beetles in conifer logs in western Oregon.

Entomology—MASTERS 1989

- 1522 **Acle, Dadie.** Activity of the corpora allata of adult female *Leucophaea maderae*.

- 1523 **Belnavis, Diane Lyn.** Host exploitation by *Dinocampus coccinellae* (Schrank) [Hymenoptera: Braconidae].

- 1524 **Carnean, David.** Biology of the yellowjacket parasitoid *Bareogonalos canadensis* (Harrington) (Hymenoptera:Trigonalyidae).

- 1525 **Diehl, Jonathan W.** Feeding, colonization and impact of the cinnabar moth, *Tyria jacobaeae*, on *Senecio triangularis*, a novel, native host plant.

- 1526 **James, Rosalind R.** The relative impact of single vs. multiple agents on the biological control of Tansy ragwort (*Senecio jacobaea*).

- 1527 **Morris, Mark A.** Sampling methods, biology and management of the mint flea beetle in central Oregon peppermint.

- 1528 **Murphy, Christopher F.** Forest ant composition, relative abundances, and foraging following aerial spraying of carbaryl to suppress Western Spruce budworm.

Entomology—MASTERS 1990

- 1529 **Cohn, Judy L.** The biology and seasonality of the parasitoid *Trioxys pallidus* Haliday in western Oregon.
- 1530 **Dunley, John E.** Comparative emigration, immigration, and colonization of apple by *Metaseiulus occidentalis* Nesbitt and *Typhlodromus pyri* Scheuten (Acarina: Phytoseiidae).
- 1531 **Ibay, Lilia Armendez.** Biology of the two external *Acarapis* species of honey bees : *Acarapis externus* Morgenthaler (Acari : Tarsonemidae).
- 1532 **Joseph, Gladwin.** Host suitability studies of Douglas-fir and white alder to the gypsy moth.
- 1533 **Muller, Rolf.** OpMNPV p87, a baculovirus capsid protein : genetic location, nucleotide sequence, transcriptional mapping and immunochemical characterization.
- 1534 **Saeed, Mohammad.** Toxicity of some commonly used pesticides to *Trioxys Pallidus* and its establishment in filbert orchards of Willamette Valley.
- 1535 **West, Kenneth John.** Biology and host relations of *Meteorus comunis* (Cresson).

Entomology—MASTERS 1991

- 1536 **Calkin, James D.** Distribution of *Oligonychus* (*Oligonychus*) *ununguis* (Jacobi) (Acari: Tetranychidae) and predator mite species (Acari: Phytoseiidae) on field-grown Douglas-fir (*Pseudotsuga menziesii* [Mirb] Franco) Christmas trees.
- 1537 **Dreves, Amy J.** Seasonal abundance, distribution, and migration of the clover aphid, *Nearctaphis bakeri* (Cowen) in red clover.
- 1538 **Macdonald, Catherine A.** Plant colonization of gopher mounds in adjacent pasture and prairie communities.
- 1539 **Shearer, Peter W.** Monitoring insecticide resistance of the western tentiform leafminer *Phyllonorycter elmaella* (Doganlar and Mutuura) (Lepidoptera: Gracillariidae) in northern Oregon.

Entomology—MASTERS 1992

- 1540 **Fongsmut, Anuthep.** Diamondback moth (*Plutella xylostella* L.) ; toxicological database, resistance monitoring techniques, and intraplant distribution.
- 1541 **Sether, Diane M.** Transmission efficiency and life table parameters of western flower thrips, *Frankliniella occidentalis* (Pergande) exposed to tomato spotted wilt virus-impatiens serotype.
- 1542 **Shieh, Jong-neng.** Influence of host anemia on blood-feeding rate and egg production of *Aedes aegypti* (L.) (Diptera : Culicidae).
- 1543 **Shieh, Sen-her.** Colonization patterns of stream benthos on artificial substrates in Taiwan.

Entomology—DOCTORS 1983

- 1544 **Baker, Gerald Timothy.** Observations on the morphology and biology of *Rhizoglyphus robini* Claparede (Acari, Acaridae).
- 1545 **Hawkins, Charles Patrick.** Ecological relationships among western Ephemereillidae : growth, life cycles, food habits, and habitat relationships.
- 1546 **Phillips, Kathryn Ann.** A taxonomic revision of the Nearctic species of *Apateticus* Dallas and *Podisus* Herrich-Schaeffer (Heteroptera: Pentatomidae: Asopinae).
- 1547 **Stark, Steven Bruce.** A model study of the alfalfa leafcutter bee - seed production system.

- 1548 **Stonedahl, Gary Michael.** A systematic study of the genus *Phytocoris* Fallen (Heteroptera: Miridae) in western North America.

- 1549 **Tanaka, Seiji.** Seasonal and altitudinal regulation of embryonic and nymphal development in *Allonemobius fasciatus* (Orthoptera: Gryllidae).

Entomology—DOCTORS 1984

- 1550 **Cassis, Gerasimos.** A systematic study of the subfamily Dicyphinae (Heteroptera: Miridae).
- 1551 **Eltoum, Elameen M. A.** Effects of the garden symphytan, *Scutigereilla immaculata* Newport, on physiological processes of bush snap bean, *Phaseolus vulgaris* L..
- 1552 **Fichter, Becky L.** Arboreal arthropod predation on early instar Douglas-fir tussock moth.
- 1553 **McIver, James D.** A three-trophic-level perspective on factors influencing herbivore abundance on collard.
- 1554 **Vincent, Daniel R.** Characteristics of NADPH-cytochrome P-450 reductase in the house fly (*Musca domestica*, L.) and the blow fly (*Phormia regina*, Meigen).
- 1555 **Youngs, Lorna C.** Ant predators of the Western spruce budworm (*Choristoneura occidentalis* Freeman) : species composition and patterns of occurrence in eastern Oregon and western Montana.

Entomology—DOCTORS 1985

- 1556 **Egan, Thomas H.** Survival of early instars of the western spruce budworm (*Choristoneura occidentalis* Freeman).
- 1557 **Gut, Larry J.** Arthropod community organization and development in pear.
- 1558 **Ranga Rao, Gangavalli V.** Influence of temperature and photoperiod on the developmental biology of the obliquebanded leafroller, *Choristoneura rosaceana* (Harris) (Lepidoptera: Tortricidae).
- 1559 **Walter, David Evans.** A revision of the *Macrocheles glaber* species group (Acari: Macrochelidae) using phylogenetic systematics.
- 1560 **Weinzierl, Richard A.** Sampling methods and injury thresholds for western spotted cucumber beetle in snap beans.
- 1561 **Witosky, Jeffrey John.** The root insect— black-stain root disease association in Douglas-fir: vector relationships and implications for forest management.

Entomology—DOCTORS 1986

- 1562 **Knight, Alan Lee.** Regional population dynamics of *Argyrotaenia citrana* in Northwest caneberry: phenology, overwintering survivorship, and movement as measured by pheromone traps and larval sampling.

Entomology—DOCTORS 1987

- 1563 **Burikam, Intawat.** Foraging ecology of pollinators in the early stages of secondary succession in the western hemlock (*Tsuga heterophylla* (Raf.) Sarg.) zone of the Oregon Coast Range.
- 1564 **Coop, Leonard Bryan.** Management of variegated cutworm in peppermint.
- 1565 **Hanson, Paul E.** Systematics and host associations of *Ormyrus* species (Hymenoptera: Chalcidoidea).
- 1566 **Messing, Russell H.** Classical biological control of the filbert aphid, *Myzocallis coryli* (Goetze) (Homoptera: Aphididae) in western Oregon.

Entomology—DOCTORS 1988

- 1567 **Flexner, J. Lindsey.** Organotin resistance in tetranychus *urticae* koch on pear : components and their integration for resistance management.

Entomology—DOCTORS 1989

- 1568 **Baan, Hugo E., van de.** Factors influencing pesticide resistance in *Psylla pyricola* Foerster and susceptibility in its mirid predator, *Deraeocoris brevis* Knight.
- 1569 **Niwa, Christine G.** Effectiveness of pheromone mating disruption for the ponderosa pine tip moth, *Rhyacionia zozana* (Kearfott) (Lepidoptera: Tortricidae), and its influence on the associated parasite complex.

Entomology—DOCTORS 1990

- 1570 **Furnish, Joseph Lee.** Factors affecting the growth, production and distribution of the stream snail *Juga silicula* (Gould).
- 1571 **Haley, Sue.** AppleMgr, a prototype decision aid for apple pest management.
- 1572 **Royce, Lynn A.** Tracheal mite parasitism of honey bees.
- 1573 **Setyobudi, Lilik.** Seasonality of codling moth, *Cydia pomonella* L. (Lepidoptera: Olethreutidae) in the Willamette Valley of Oregon : role of photoperiod and temperature.

Entomology—DOCTORS 1991

- 1574 **Asquith, Adam.** Taxonomy and evolution of the Orthotyline genus *Lopidea* (Heteroptera: miridae).

Entomology—DOCTORS 1992

- 1575 **Booth, Steven R.** The potential of endemic natural enemies to suppress pear psylla, *Cacopsylla pyricola* Forster, in the Hood River Valley, Oregon.
- 1576 **Meyerhoff, Richard Dietrich.** Post-eruption recovery and secondary production of grazing insects in two streams near Mt. St. Helens.
- 1577 **Pimentel, Gliceria Estandian.** A lysozyme-like protein in the salivary glands of adult *Aedes aegypti* : functional and biochemical characteristics.

Environmental Health Management—MASTERS 1988

- 1578 **Lashbrook, Wesley S.** An evaluation of airborne bacteria concentrations and ventilation rates in an industrial office environment.
- 1579 **Rivera, Joseph Bechaida T.** Staphylococci as microbiological indicators to estimate the quality of swimming pool waters.

Environmental Health Management—MASTERS 1989

- 1580 **Gossman, Stephen J.** Farm labor camp design in rural Marion County.

Environmental Health Management—MASTERS 1990

- 1581 **Nemati, Gholam Reza.** Factors affecting farmworkers' injuries due to use of pesticides in the United States and their relation to reentry time intervals.

Environmental Health Management—MASTERS 1991

- 1582 **Kang, Ki Sung.** The effects of using a cation exchange water softener on blood pressure.
- 1583 **Like, David E.** Management of chromium wastes in industry.
- 1584 **Quiring, Nathan.** A comprehensive solid waste management plan for San Xavier District, Tohono O'Odham Nation.

Environmental Health Management—MASTERS 1992

- 1585 **McEvoy, John.** A household hazardous waste survey of Benton County, OR.
- 1586 **Monaghan, Pegeen.** An evaluation of chlorine as a disinfectant for potable water supplies in the United States : weighing the human health risks.

- 1587 **Yu, Xianhong.** Using different models to analyze the effects of measurement precision of ozone exposure on prediction of acute pulmonary function.

Exercise and Sport Science see also —Human Performance

Exercise and Sport Science—MASTERS 1990

- 1588 **Bates, Margaret K.** (Movement Studies for the Disabled) Effect of peer group presence on the gross motor performance of young children.
- 1589 **Cole, Emily Lynne.** (Movement Studies for the Disabled) An application of item response theory to the test of gross motor development.
- 1590 **Hobbel, Susan Laurie.** (Movement Studies for the Disabled) The relative effectiveness of three forms of visual knowledge of results on maximal strength output in an isokinetic extension/flexion of the knee.

Exercise and Sport Science—MASTERS 1992

- 1591 **Kanatani, Koichiro.** Effects of additional load application orders on landing strategies.
- 1592 **Jordan, Shawn D.** Isokinetic muscular strength and endurance of active men over age 50 using different training protocols.
- 1593 **Ovalle, Steven E. (Steven Edward).** (Movement Studies for the Disabled) A comparison between anthropometric regression equations and hydrostatic weighing for predicting percent body fat of adult males with Down Syndrome.

Family Resource Management.—MASTERS 1983

- 1594 **Doiron, Michelle.** Consumer's perceived and actual efficiency in product selection : a laboratory experiment.
- 1595 **Nelson, Jenny Stewart.** A comparison of two instructional methods for hospital foodservice employees : lecture discussion versus individual instruction.

Family Resource Management.—MASTERS 1984

- 1596 **Beck, Becky Ohmer.** The effect of structural modifications on energy conservation behaviors.
- 1597 **Bricher, Judith Scheuerman.** External variables that affect willingness to accept technology as a resource : a pilot project.
- 1598 **Hogue, Teresa A.** Post occupancy evaluation of passive solar houses in Oregon : the relationship of sources of information and overall satisfaction, areas of satisfaction and problems.

- 1599 **Russell, Amber Simmons.** An attitudinal assessment of proposed services for the Oregon State University Federal Credit Union.

- 1600 **Soong, Caroline Chuan-chin.** The relationship between physical layout and satisfaction in high-rise student housing.

Family Resource Management.—MASTERS 1985

- 1601 **Inoue, Daisuke.** Performances, constraints, and problems related to three residential solar systems.

Family Resource Management.—MASTERS 1986

- 1602 **Hamby, Sharon Ann.** Using institution-specific student expenditure data to establish undergraduate student budget guidelines.
- 1603 **Schoechle, Sabine.** Consumer interest by Oregon State University students in nutrition information on food labels.
- 1604 **Thomas, Dorothy Mae.** Estate planning knowledge and actions of married couples in Oregon.

Family Resource Management.—MASTERS 1987

- 1605 **Jae, Mie Kyung.** The investigation of job satisfaction levels of employed single women and employed married women.
- 1606 **Yoo, Kyung Sook.** Types of household composition that influence energy problem beliefs and home energy conservation behaviors according to resource constraints among western United States' renters.

Family Resource Management.—MASTERS 1989

- 1607 **Kwon, Oh-Jung.** Physical aspects of specialized units for Alzheimer patients in long term care facilities.
- 1608 **Malrouit, Yamini Lakshmi.** Occupants' satisfaction and problems among four categories of passive solar systems.
- 1609 **Oelschlaeger, Irmaud.** Needs assessment of Oregon home-based business owners.

Family Resource Management.—MASTERS 1991

- 1610 **Asam, Susam Lynn.** Housing for nuclear and single parent families : a comparison by two methods.
- 1611 **Murray, Karen Ann.** Demographic and financial resource differences between testate and intestate University employees.
- 1612 **Schober, Brigitte I.** Learned helplessness and the satisfaction-paradox : a test of concepts and relationships.

Family Resource Management.—MASTERS 1992

- 1613 **Lee, Sun-young.** Study on consumer knowledge and attitudes toward consumer education of college students in secondary teacher education preparatory program in Korea.

Family Resource Management.—DOCTORS 1984

- 1614 **Marganus, Martin.** A market oriented approach to energy conservation identifying disadvantaged families as target groups for energy assistance programs.
- 1615 **Meiners, Jane Ella.** Time used for household work : comparisons for farm, rural nonfarm, and urban women.
- 1616 **Merfeld, Michele Kay.** Consumer attitudes toward potentially restrictive energy conservation regulations.
- 1617 **Olson, Pamela Niemeyer.** Money and nonmoney incomes of elderly families and individuals : analysis and distribution.

Family Resource Management.—DOCTORS 1985

- 1618 **Peters, Jeanne M.** Sex role patterns of school age children in time used for household work: an analysis of single parent/two-child and two-parent/two-child California households.
- 1619 **Snider, Martha Ann.** Wife/mother role adjustment and other managerial strategies related to a community leadership volunteer demand.

Family Resource Management.—DOCTORS 1986

- 1620 **Johnson-Carroll, Karen J. A.** Factors that influence energy conservation alterations in Oregon households.
- 1621 **Masuo, Diane M.** Comparison of underemployed and not underemployed women in two-parent two-child families: an eleven-state rural-urban study.
- 1622 **Rowe, Barbara R.** The economic consequences of divorce in Oregon after ten or more years of marriage.

Family Resource Management.—DOCTORS 1987

- 1623 **Hagerty, Dorothy Dean.** Architectural and social comparisons of English manor houses, 1260-1735.
- 1624 **Masud, Jariah.** Parental influence on adolescents' consumer activities in Malaysia.
- 1625 **Wolfe, Jerri L.** Employment experience and job satisfaction of new mothers.

Family Resource Management.—DOCTORS 1988

- 1626 **Emberson, Heather V.** A longitudinal analysis of single, female labor force participants' net worth : balance sheet in the pre-retirement years.

Family Resource Management.—DOCTORS 1989

- 1627 **Legler, James Richard.** An integrated systems framework for analyzing family business planning.

Family Resource Management.—DOCTORS 1990

- 1628 **Kim, Jung-hoon.** Credit card attitudes and practices of Seoul, Korean households in the expanding stage of the family life cycle.

Family Resource Management.—DOCTORS 1992

- 1629 **Steggell, Carmen Dobson.** Management strategies and time use in food preparation in two-parent, two-child Utah families.
- 1630 **Xiao, Jing-jian.** Effects of selected family characteristics on interrelated components of household asset portfolios.

Fisheries see also—Fisheries and Wildlife and Fisheries Science**Fisheries.—MASTERS 1983**

- 1631 **Carmichael, Richard William.** Feeding ecology and aspects of the biology of largemouth bass, rainbow trout, brown trout, and relict dace and the dietary overlap of largemouth bass and rainbow trout with canvasback and redhead ducks at Ruby Marsh, Nevada.
- 1632 **DeMott, Glenn E.** Movement of tagged lingcod and rockfishes off Depoe Bay, Oregon.
- 1633 **Gardner, Lee Ann.** An analysis of stock separation in the pink shrimp, *Pandalus borealis*.
- 1634 **Handoyo, Nitimulyo Kamiso.** Host parasite relationships between *Gyrodactylus stellatus* and the English sole (*Parophrys vetulus*).
- 1635 **Rodnick, Kenneth J.** Seasonal distribution and habitat selection by the redbreast shiner, *Richardsonius balteatus*, in a small Oregon stream.
- 1636 **Stainbrook, Cris Eric.** Selected life history aspects of American shad (*Alosa sapidissima*) and predation on young-of-the-year shad in Lake Umatilla of the Columbia River.
- 1637 **Wevers, Mary Jo.** The development and maintenance of stream community structure and organization.

Fisheries.—MASTERS 1984

- 1638 **Lee, Douglas Scott.** The role of competition, predation, productivity, and temporal heterogeneity in the determination of system structure and organization.
- 1639 **Pongthana, Nuanmanee.** Evaluation of combining ability in mosquitofish.
- 1640 **Shaul, Warren.** Evaluation of the sample ratio of sublegal to legal male crabs used to predict harvest of Dungeness crab (*Cancer magister*).

Fisheries.—MASTERS 1985

- 1641 **Almeida, Frank P.** An analysis of the stock structure of silver hake, *Merluccius bilinearis*, off the northeast coast of the United States.
- 1642 **El Zahr, Camille Reda.** Effects of salinity on the tolerance, growth, food conversion and oxygen consumption of kelp greenling (*Hexagrammos decagrammus*).
- 1643 **Speaker, Robert.** Distribution and retention of particulate organic matter in streams in the Cascade Mountains of Oregon.

Fisheries.—MASTERS 1986

- 1644 **Frissell, Christopher A.** A hierarchical stream habitat classification system: development and demonstration.
- 1645 **Pavez Carrera, Patricio B.** Proposed minimum mesh size for managing the common Chilean hake fishery.
- 1646 **Rodgers, Jeffrey D.** The winter distribution, movement, and smolt transformation of juvenile coho salmon in an Oregon coastal stream.

Fisheries.—MASTERS 1987

- 1647 **Currens, Kenneth P.** Genetic differentiation of resident and anadromous rainbow trout (*Salmo gairdneri*) in the Deschutes River basin, Oregon.
- 1648 **Hayden, Thomas R.** Simulation of environmental, biological, and fisheries effects on yields of English sole (*Parophrys* [i.e. *Parophrys*] *vetulus*) off Oregon and Washington.
- 1649 **Moore, Kelly M. S.** Ecology of aquatic habitats associated with stream margins.
- 1650 **Phillips, Stephen H. (Stephen Homes).** Winter ecology of juvenile coho salmon (*Oncorhynchus kisutch*) in modified and unmodified sections of a coastal stream.
- 1651 **Sanner, Carol Jo.** Effects of beaver on stream channels and coho salmon habitat, Kenai Peninsula, Alaska.
- 1652 **Wade, Mark.** The relative effects of *Ceratomyxa shasta* on crosses of resistant and susceptible stocks of summer steelhead.

Fisheries.—MASTERS 1988

- 1653 **Fontaine, Barbara L.** An evaluation of the effectiveness of instream structures for steelhead trout rearing habitat in the Steamboat Creek basin.
- 1654 **Hirai, Takayuki.** A model for understanding the influence of selective and nonselective harvest on fish populations.
- 1655 **Pipoppinyo, Somsak.** Biochemical and serological comparison of selected *Vibrio* spp. isolated from fish.

Fisheries.—MASTERS 1989

- 1656 **Koike, Bruce Gary.** Epidermal tumors on juvenile English sole (*Parophrys vetulus*) from Yaquina Bay, Oregon.
- 1657 **Pearsons, Todd N.** Ecology and decline of a rare western minnow: the Oregon chub (*Oregonichthys crameri*).

Fisheries.—MASTERS 1990

- 1658 **Hurley, Michael D.** Geomorphic influences on habitat formation, distribution, and development and the classification of upland coastal Oregon streams.

Fisheries.—DOCTORS 1983

- 1659 **Gabriel, Wendy Louise.** Structure and dynamics of northeastern Pacific demersal fish assemblages.
- 1660 **Hanson, Boyd Jay.** Lipid content and fatty acid composition of aquatic insects: dietary influence and aquatic adaptation.

Fisheries.—DOCTORS 1984

- 1661 **Cargill, Austen S.** The role of lipids in the nutrition of shredding aquatic insects.
- 1662 **Pequeño, Germán E.** Trophic adaptations and relationships of rockfishes (*Sebastes* spp.) of Oregon.
- 1663 **Thompson, Grant Garrison.** A steady-state model of ecological hierarchy.

Fisheries.—DOCTORS 1985

- 1664 **Carlson, Harry Richard.** Seasonal distribution and environment of adult Pacific herring (*Clupea harengus pallasi*) near Auke Bay, Lynn Canal, southeastern Alaska.

- 1665 **Reeves, Gordon H.** Interaction and behavior of the redds shiner (*Richardsonius balteatus*) and the steelhead trout (*Salmo gairdneri*) in western Oregon: the influence of water temperature.

- 1666 **Wilzbach, Peggy** Prey availability overrides cover in determining growth and abundance of stream-dwelling cutthroat trout.

Fisheries.—DOCTORS 1986

- 1667 **Handoyo, Nitimulyo Kamiso.** Differences in pathogenicity and pathology of *Vibrio anguillarum* and *Vibrio ordalii* in chum salmon (*Oncorhynchus keta*) and English sole (*Parophrys vetulus*) under laboratory conditions.

Fisheries.—DOCTORS 1987

- 1668 **Barton, Bruce Alexander.** Interrenal and metabolic responses to stress and their modifying factors in juvenile salmonid fishes.

Fisheries.—DOCTORS 1988

- 1669 **Chiu, Tai-sheng.** Phylogeny and zoogeography of glyptocephalines (Pisces: Pleuronectidae).
- 1670 **Dauble, Dennis D.** Mechanisms affecting the bioaccumulation of dietary quinoline by rainbow trout (*Salmo gairdneri*).
- 1671 **McCullough, Dale A.** A systems classification of watersheds and streams.
- 1672 **Nunez, Jose D.** The fishery biology of the weathervane scallop [*Pecten (Patinopecten) caurinus* Gould, 1850] in Oregon coastal waters.
- 1673 **Patino, Reynaldo.** Physiology of interrenal function in juvenile coho salmon (*Oncorhynchus kisutch*) and effects of hatchery rearing practices.

Fisheries.—DOCTORS 1989

- 1674 **Goetze, Brigitte.** Contextual systems description of an Oregon coastal watershed.

Fisheries and Wildlife see also—Fisheries and Fisheries Science**Fisheries and Wildlife.—MASTERS 1983**

- 1675 **Henderson, Bruce Alan.** Handling and remote setting techniques for Pacific oyster larvae *Crassostrea gigas*.
- 1676 **Maule, Alec G.** Aspects of the life history and feeding ecology of walleye (*Stizostedion vitreum vitreum*) in the mid-Columbia River.

Fisheries and Wildlife.—MASTERS 1984

- 1677 **Jonasson, Brian C.** Behavioral response of juvenile coho salmon (*Oncorhynchus kisutch*) to olfactory cues.
- 1678 **Patiño, Reynaldo.** Clearance of plasma cortisol in coho salmon, *Oncorhynchus kisutch*, at various stages of smoltification.
- 1679 **Pring, Cynthia Kay.** Multiple hemoglobin variations in coho salmon, *Oncorhynchus kisutch*, during parr-smolt transformation.
- 1680 **Weiss, Nondor T.** Habitat and distribution of pygmy rabbits (*Sylvilagus idahoensis*) in Oregon.

Fisheries and Wildlife.—MASTERS 1985

- 1681 **Anderson, James A. (James Allen).** A morphological and histological study of *Kudoa* spp. (*Myxozoa*, *Myxosporea*) in four Pacific marine fishes.
- 1682 **Choromanski, Joseph Michael.** Chemical stabilization and pharmacological characterization of the venom of the lionfish, *Pterois volitans*.

- 1683 **Cottam, Douglas F.** Lamb production differences of bighorn sheep on Hart Mountain, Oregon.
- 1684 **Fiero, Brad C.** Age determination and age-specific reproduction in raccoons in northwestern Oregon.
- 1685 **Fitzpatrick, Martin S.** Endocrine mediation of reproduction in coho salmon (*Oncorhynchus kisutch*).
- 1686 **Havel, Loree Hennigar.** Formation of feeding flocks during winter by dusky and Taverner's Canada geese in Oregon.
- 1687 **Hoffmaster, Jerri Lee.** Geographic distribution of *Ceratomyxa shasta* in the Columbia River basin and susceptibility of salmonid stocks.
- 1688 **Kemp, Christopher J.** Thermally modulated biliary excretion of taurocholate in rainbow trout.
- 1689 **La Bolle, Larry D.** Importance of the upper littoral zone as rearing area for larval and juvenile fishes in a Columbia River impoundment.
- 1690 **Shubat, Pam.** Ration and toxicant preexposure influence dieldrin accumulation by rainbow trout.
- 1691 **Weiner, Gary S.** Influences of environmental acidification on salmonid reproduction.
- 1692 **Wilson, Christopher D.** The effects of different otolith ageing techniques on estimates of growth and mortality for two species of rockfishes, *Sebastes pinniger* and *Sebastes diploproa*.

Fisheries and Wildlife.—MASTERS 1986

- 1693 **Boyce, Raymond R.** Effects of feeding level, temperature, and photoperiod on growth and selected scale characteristics of juvenile steelhead trout.
- 1694 **Heres E., Allan A.** Implications of dietary lipid and carbohydrate intake on the liver and the susceptibility of hatchery-reared rainbow trout (*Salmo gairdneri*) to vibriosis.
- 1695 **Poblete Arellano, Tirso S.** Life history of rainbow trout and considerations for introducing steelhead into southern Chile.
- 1696 **Rohm, Christina M.** The effects of copper on predator-prey interactions of fathead minnows (*Pimephales promelas*) and *Daphnia pulex*.
- 1697 **Shoemaker, Suzanne.** Food selection, home range, and movements of coyotes on and off a sanctuary in Klamath Basin.
- 1698 **Wirosobroto-Hartadi, Retno Widaningroem.** The effects of acclimation and surface access on the resistance of fish to hypoxic stress.

Fisheries and Wildlife.—MASTERS 1987

- 1699 **Boula, Kathryn Marcile.** Foraging ecology of migrant waterbirds, Lake Abert, Oregon.
- 1700 **Burnett, Kelly M.** The multisteady-state nature of toxicant behavior and effect in an aquatic laboratory ecosystem.
- 1701 **Schuler, Carol A.** Impacts of agricultural drainwater and contaminants on wetlands at Kesterson Reservoir, California.

Fisheries and Wildlife.—MASTERS 1988

- 1702 **Karnaugh, Elena N.** Structure, abundance, and distribution of pelagic zooplankton in a deep, oligotrophic Caldera Lake.
- 1703 **Stern, Mark A.** Site tenacity, mate retention and sexual dimorphism in Black Terns.

Fisheries and Wildlife.—MASTERS 1989

- 1704 **Kruse, Amy Ellen.** Relationships between fish species distribution and habitat in the Willamette River drainage in western Oregon.

Fisheries and Wildlife.—MASTERS 1990

- 1705 **Bills, Debra T.** Taxonomic analyses of the Oregon chub, *Oregonichthys crameri*.
- 1706 **Hatch, Keith Martin.** A phenotypic comparison of thirty-eight steelhead (*Oncorhynchus mykiss*) populations from coastal Oregon.
- 1707 **Nichol, Daniel Gerard.** Life history examination of dark blotched rockfish (*Sebastes crameri*) off the Oregon coast.
- 1708 **Wilson, Matthew T.** Residence and growth of juvenile chum salmon (*Oncorhynchus keta*) in Netarts Bay, Oregon.

Fisheries and Wildlife.—MASTERS 1991

- 1709 **Levin, John-Eric M.** Land-based polyculture of marine macroalgae and Pacific salmon.

Fisheries and Wildlife.—MASTERS 1992

- 1710 **Diaz, Maria Elena.** Growth of juvenile Pacific oysters, *Crassostrea gigas* (Thunberg) and Manila clams, *Tapes japonica* (Deshayes) in effluent from salmon-macroalga polyculture system.
- 1711 **Slater, Caleb H.** Sex steroids, gonadotropins, and effects on the immune response in maturing spring Chinook salmon (*Oncorhynchus tshawytscha*).

Fisheries and Wildlife.—DOCTORS 1983

- 1712 **Anadu, Donald Igwegbe.** Fish acclimation and the development of tolerance to zinc as a modifying factor in toxicity.
- 1713 **Overholtz, William Joseph.** Long-term temporal perspectives for the demersal fish assemblages of Georges Bank with implications for management and modeling.
- 1714 **Redding, Joseph Michael.** Stress, osmoregulation, and the hormone cortisol in yearling coho salmon, *Oncorhynchus kisutch*.

Fisheries and Wildlife.—DOCTORS 1984

- 1715 **Amandi, Antonio.** Physical, biochemical, and biological characteristics of *Myxobolus insidiosus*, a myxosporidian parasite of salmonid fishes.
- 1716 **Head, William.** An assessment of a closed greenhouse aquaculture and hydroponic system.
- 1717 **Kruse, G. H. (Gordon Henry).** A simulation model of English sole (*Parophrys vetulus*) recruitment mechanisms.
- 1718 **Wilson, Marcia H.** Comparative ecology of bobwhite and scaled quail in southern Texas.

Fisheries and Wildlife.—DOCTORS 1985

- 1719 **Frenzel, Richard Wilmarth.** Environmental contaminants and ecology of bald eagles in southcentral Oregon.
- 1720 **Kapuscinski, A. R. D. (Anne R. D.).** A genetic fitness model for fisheries management.
- 1721 **Marcot, Bruce G.** Habitat relationships of birds and young-growth Douglas-fir in northwestern California.

Fisheries and Wildlife.—DOCTORS 1986

- 1722 **Mattingly, Rosanna.** Trophic and habitat requirements of two deposit-feeding stream invertebrates, *Ptychoptera townesi* (Diptera) and *Paraleptophlebia* spp. (Ephemeroptera).
- 1723 **Rehnberg, Bradley Glenn.** Chemoreception in coho salmon (*Oncorhynchus kisutch*): aspects of behavior, physiology, and toxicology.
- 1724 **Sigismondi, Linda A.** Changes in the swimming performance, behavior and physiology of juvenile chinook salmon (*Oncorhynchus tshawytscha*) after exposure to one, two or three acute handling stresses.

Fisheries and Wildlife.—DOCTORS 1987

- 1725 **Towell, Dale E.** Resource partitioning by bobcats and coyotes in a coniferous forest.

Fisheries and Wildlife.—DOCTORS 1989

- 1726 **Eldridge, Maxwell B.** Life history strategies and tactics of striped bass (*Morone saxatilis*) Walbaum.

Fisheries and Wildlife.—DOCTORS 1990

- 1727 **Li, Judith Lew.** Foraging behavior of the limnephilid caddisfly, *Dicosmoecus gilvipes*, and co-occurring herbivores in streams of the Pacific northwest.
- 1728 **Powell, Allyn B.** Life history patterns of two allopatric clupeids : Atlantic menhaden (*Brevoortia tyrannus*) and gulf menhaden (*B. patronus*).
- 1729 **Tunhikorn, Schwann.** Resource partitioning of four sympatric mynas and starlings (*Sturnidae*) in Thailand.

Fisheries and Wildlife.—DOCTORS 1992

- 1730 **Douillet, Philippe A.** Beneficial effects of bacteria on the culture of larvae of the Pacific oyster *Crassostrea gigas* (Thunberg).
- 1731 **Robinson, Anja M.** The effects of dietary algal and lipid supplements on the gonadal and larval development of *Crassostrea gigas* kumamoto (Thunberg).

Fisheries Science see also—Fisheries and Fisheries and Wildlife**Fisheries Science.—MASTERS 1989**

- 1732 **Buktenica, Mark W.** Ecology of kokanee salmon and rainbow trout in Crater Lake, a deep ultraoligotrophic caldera lake (Oregon).
- 1733 **Feist, Grant.** Sex steroid profiles of coho salmon, *Oncorhynchus kisutch*, during early development and sexual differentiation.
- 1734 **Mesa, Matthew G.** Electrofishing mark-recapture and depletion methodologies evoke behavioral and physiological changes in cutthroat trout (*Oncorhynchus clarki*).

Fisheries Science.—MASTERS 1990

- 1735 **Alabdulsalaam, Thabit Z.** Effects of exploitation on life-history characteristics of spiny lobster populations (*Panulirus homarus*) off Oman.
- 1736 **Alablani, Salam A.** Oxygen consumption during acclimation to increasing salinity in the freshwater euryhaline cichlid *Oreochromis niloticus* (Linnaeus, 1757).
- 1737 **Deimling, Elisabeth A.** Development of the fisheries of the Eastern North Pacific : a natural-cultural systems perspective.
- 1738 **Lomnický, Gregg A.** Colonization and development of macroinvertebrate communities in boratory streams.
- 1739 **McBride, Margaret Mary.** Yellowtail flounder, *Limanda ferruginea*, stock status 1988 : a revision of southern New England and Georges Bank assessments.
- 1740 **Rwangano, Felicien.** Interactions of organic input types and water quality on the production of *Oreochromis niloticus* (Linnaeus, 1757) in Rwandan ponds.
- 1741 **Bahls, Peter F.** (co-dept. Genral Science) Ecological implications of trout introductions to lakes of the Selway Bitterroot Wilderness, Idaho.

Fisheries Science.—MASTERS 1991

- 1742 **Brock, Daniel.** Temperature modulated hepatic DNA binding but not biliary metabolites of aflatoxin Bb1s in rainbow trout.

- 1743 **Cameron, William A.** Responses to fertilization and fish stocking in the pelagic ecosystem of a naturally fishless lake.
- 1744 **Dambacher, Jeffery M.** Distribution, abundance, and emigration of juvenile steelhead (*Oncorhynchus mykiss*), and analysis of stream habitat in the Steamboat Creek Basin, Oregon.
- 1745 **Hulett, Patrick L.** Patterns of genetic inheritance and variation through ontogeny for hatchery and wild stocks of Chinook salmon.
- 1746 **Moore, Michelle M.** Host responses of English sole (*Parophrys vetulus*) to infection by the monogenetic trematode *Gyrodactylus stellatus*.
- 1747 **Noble, Sandra M. (Sandra Marie).** Impacts of earlier emerging steelhead fry of hatchery origin on the social structure, distribution, and growth of wild steelhead fry.
- 1748 **Schwartz, John Steven.** Influence of geomorphology and land use on distribution and abundance of salmonids in a coastal Oregon basin.
- 1749 **Sikkel, Paul C.** Factors influencing spawning site choice by female Garibaldi, *Hypsypops rubicundus* (Pisces: Pomacentridae).
- 1750 **Ursitti, Victoria L.** Riparian vegetation and abundance of woody debris in streams of southwestern Oregon.

Fisheries Science.—MASTERS 1992

- 1751 **Beaty, Roy E.** Changes in size and age at maturity of Columbia River upriver bright fall chinook salmon (*Oncorhynchus tshawytscha*) : implications for stock fitness, commercial value, and management.
- 1752 **Bustaman, Sjahrul.** Influence of water hardness on gill accumulation and acute toxicity of aluminum in rainbow trout.
- 1753 **Castillo, Gonzalo C.** Fluctuations of year-class strength in petrale sole (*Eopsetta jordani*) and their relation to environmental factors.
- 1754 **Franco, Luis.** Nile tilapia (*Oreochromis niloticus*) production in tropical microcosms fertilized with rabbit excreta.
- 1755 **Gunnarsdóttir, Hugrún.** Scale patterns indicate changes in use of rearing habitat by juvenile coho salmon, *Oncorhynchus kisutch*, from 1955 to 1984 in the Tenmile Lakes, Oregon.
- 1756 **Zhang, Quan.** Temperature modulated aflatoxin B1 hepatic disposition, and formation and persistence of DNA adducts in rainbow trout.

Fisheries Science.—DOCTORS 1989

- 1757 **Cai, Zheng Wei.** Energy utilization by young grass carp fed different diets.
- 1758 **Maule, Alec G.** Cortisol and the immune system of juvenile Pacific salmon during stress and development.

Fisheries Science.—DOCTORS 1990

- 1759 **Hicks, Brendan J.** The influence of geology and timber harvest on channel morphology and salmonid populations in Oregon coast range streams.
- 1760 **Hirai, Takayuki** A model of fall chinook salmon (*oncorhynchus tshawytscha*) life history.

Fisheries Science.—DOCTORS 1991

- 1761 **Fitzpatrick, Martin Stone.** Endocrine regulation of final oocyte maturation and sex differentiation in salmonids.
- 1762 **Gudjonsson, Sigurdur.** Classification of Icelandic watersheds and rivers to explain life history strategies of Atlantic salmon.
- 1763 **Lassuy, Dennis R.** Herbivory by a north temperate stream fish, *Acrocheilus alutaceus* (Agassiz & Pickering).

Fisheries Science.—DOCTORS 1992

- 1764 **Bowman, James R.** Classification and management of earthen aquaculture ponds, with emphasis on the role of the soil.
- 1765 **Frissell, Christopher Andrew.** Cumulative effects of land use on salmon habitat in southwest Oregon coastal streams.

Food Science see.—Food Science and Technology

Food Science and Technology.—MASTERS 1983

- 1766 **Fombin, Joseph Forchap.** Ultrafiltration of grape juice : effects on composition, quality and preservation.
- 1767 **Idris, Nor Aini.** Extraction of lentil proteins and their use in supplementation of bread.
- 1768 **Petchsing, Urairatana.** Effect of polyphosphate on microbial characteristics of seafoods.
- 1769 **Pilando, Leticia S.** Strawberry wine color quality : influence of variety, maturity and mold contamination.
- 1770 **Smith, John B.** Adhesive property of bacteria and its relationship to microbial spoilage of shrimp.
- 1771 **Toledo-Flores, Luis Javier.** An improved procedure for holding round pink shrimp (*Pandalus jordani*) post-catch.

Food Science and Technology.—MASTERS 1984

- 1772 **Crapo, Charles A.** Effect of condensed phosphate, cooking time and cooking medium on the yield and quality of Dungeness crab (*Cancer magister*) meat.
- 1773 **Flores Gaytán, José Humberto.** The influence of different processing procedures on strawberry juice and wine quality.
- 1774 **García-Quintero, Zeferino Heberto.** Ultrafiltration of grape juice by hollow fiber membranes.
- 1775 **Schroeder, Carla L.** Sensory, microbiological, chemical, and rheological properties of reduced sodium cheddar cheese.

Food Science and Technology.—MASTERS 1985

- 1776 **Boni, Magloire C.** Effects of temperature and holding time during pre-blanch on pH, pectic substances and quality characteristics of canned green beans.
- 1777 **Chavasit, Visith.** A study of factors affecting the efficiency of maturity separation of peas by sodium chloride brine flotation.
- 1778 **Harris, Marcia Elaine.** B-Naphthoflavone induction and its effect on hepatic phospholipid metabolism in rainbow trout (*Salmo gairdneri*).
- 1779 **Hong, Victor.** Development of analytical methodology for verification of authenticity in cranberry juice drinks and concentrates.
- 1780 **Xiong, Youling.** Gel electrophoretic analysis of the protein changes in ground beef stored at 2p0sC.
- 1781 **Yoo, Lee-joung.** Determination of dimethylamine in barley malt.

Food Science and Technology.—MASTERS 1986

- 1782 **Buerger, Michelle Carlene.** Strawberry cell wall polysaccharides: an intervarietal comparison of compositional, physical, and textural properties.
- 1783 **Marin, Anna B.** An analytical and sensory evaluation of the aroma volatiles of *Tuber gibbosum*.
- 1784 **Spanos, George A.** Anthocyanin pigment, nonvolatile acid and sugar composition of red raspberry juice.

- 1785 **Tuan, Shenhsiu.** The effect of erythorbic acid on the determination of ascorbic acid levels in selected foods by high performance liquid chromatography and spectrophotometry.
- 1786 **Valsta, Liisa M.** The significance of glutathione conjugation for aflatoxin B₁ metabolism in rainbow trout and coho salmon.

Food Science and Technology.—MASTERS 1987

- 1787 **Isaza, Liliانا Urrea.** Rapid methods for the determination of post-pasteurization contamination of fluid milk and shelf-life prediction.
- 1788 **Lin, Ben-lin.** Composition of pectic substances in Selva strawberry (*Fragaria x ananassa* Duch.).
- 1789 **Ludwig-Williams, Nancy.** Descriptive analysis of Pinot noir juice and wine qualities.
- 1790 **McIntyre, Timothy.** Food as a source of nitrosatable amines.
- 1791 **Norton, Kerry M.** Malate and tartrate in Oregon grapes.
- 1792 **Pacheco Aguilar, Ramon.** Procedures for the efficient washing of minced hake (*Merluccius productus*) flesh for surimi production.
- 1793 **Ryan, Daberath.** Glass capillary gas chromatographic analysis for trace amounts of cyclopropenoid fatty acids.
- 1794 **Young, San Land.** Effect of molecular conformation on the surface properties of polyelectrolyte solutions : xanthan gum model studies.

Food Science and Technology.—MASTERS 1988

- 1795 **Berntsen, Steven Eldon.** Development of a restructured seafood product from squid (*Loligo Opalescens*).
- 1796 **Betancur, Carmen L.** Some microbiological and sensory characteristics of Cheddar cheese manufactured from conventional and ultrafiltered-concentrated milk.
- 1797 **Chang-Lee, Maria Virginia.** The production of surimi from Pacific whiting (*Merluccius productus*) and evaluation of kamaboko gels.
- 1798 **Greene, Diana H.** The influence of dietary fatty acids on tissue lipid composition in rainbow trout (*Salmo gairdneri*).
- 1799 **Huang, Xiaolin.** The cholesterol content of muscle and adipose tissue from country natural beef.
- 1800 **Latham, Debra L.** Effect of high-temperature short-time pressure blanching on physical, chemical and sensory properties of frozen corn.
- 1801 **Rommel, Angelika.** Red raspberry and blackberry juice and wine : the effect of processing and storage on color and appearance.
- 1802 **Vojdani, Fakhrieh.** Edible food coatings to control potassium sorbate diffusion from surface into food bulk : characterization of the diffusion process in polysaccharide based films.
- 1803 **Wong, Geoffrey K.** The stability of ascorbic acid in bottled cranberry-based beverages under home-use conditions.
- 1804 **Yau, Niann-jou N.** Process development and sensory evaluation of a sweetened flavored carbonated milk beverage.

Food Science and Technology.—MASTERS 1989

- 1805 **Al-Zoreky, Nageb.** Microbiological control of food spoilage and pathogenic microorganisms in refrigerated foods.
- 1806 **Bauman, Michael Aaron.** Factors affecting the texture of gels prepared from minced American shad (*Alosa sapidissima*) flesh.
- 1807 **Chang, Seong Ook.** Development of a product which simulates abalone texture from Alaska Pollock (*Theragra chalcogramma*) Surimi.

- 1808 **Collier, John Mark.** A study of the DNA excision repair capabilities of rainbow trout (*Salmo gairdneri*) exposed to dietary cyclopropenoid fatty acids.
- 1809 **Lukes, Bryce K.** Development of methods for analysis and sensory threshold determination of malt derived flavor components in beer.
- 1810 **Marino, Donald R.,(Donald Robert).** Effects of cyclopropenoid fatty acids on liver plasma membranes of rainbow trout (*Salmo gairdneri*).
- 1811 **Perng, Chiou-mey.** Influence of sugar and acid on sensory qualities and desirability of blackberry juice drink using response surface methodology.
- 1812 **Swanson, Hollie I.** Effects of the anticarcinogen indole-3-carbinol on Xenobiotic metabolizing enzymes in rainbow trout.
- 1813 **Turk, Farzaneh.** Characterization of factors affecting pectinmethylesterase activity in cucumber fruit.
- 1814 **Van Winkle, Samina.** Diethylnitrosamine, ethylnitrosourea, and dimethylbenz(a)anthracene DNA binding studies in the rainbow trout.

Food Science and Technology.—MASTERS 1990

- 1815 **Liaw, Ean-tun.** Characterization of substrate-velocity relationships for the cellulase enzyme complex from *Trichoderma viride*.
- 1816 **Rico-Pena, Delmy del Carmen.** Permeability properties of an edible methylcellulose-palmitic acid film.
- 1817 **Sanchez, Nora B.** Analytical and sensory evaluation of hop varieties.
- 1818 **Su, Shanghe.** Effects of maturity and blanching on carbohydrate components of frozen normal sweet (su) and supersweet (shb2s) corn.
- 1819 **Wiser, Cathy.** Stability and gel strength of meat emulsions made with prerigor, preblended beef and reduced salt levels.

Food Science and Technology.—MASTERS 1991

- 1820 **Barnes, Debbie L.** Consumer and descriptive panel analysis of commercial yogurts.
- 1821 **Chang, Hung-pi.** In Vitro fermentation of dietary cellulose by human fecal microorganisms.
- 1822 **Cheng, Ronshan.** Growth, physiological characteristics and plasmid profiles of *Bifidobacterium* species.
- 1823 **Feijoo, Sergio C.** Rapid assay for *Bacillus* proteinases in raw milk as detected by a simple casein denaturation method.
- 1824 **Galeb, Abduljalil D. S.** Development of a process for production of cantaloupe juice concentrate and determination of its composition and quality.
- 1825 **Miranda-Lopez, Rita.** A maturity trial study of Pinot noir wines : aroma profile by sniffing gas chromatographic effluent.
- 1826 **Nasri, Hassen.** Quality variability in institutional size canned foods : conduction-heated pea puree.
- 1827 **Price, Cornelia Lynde.** Color and pigment characterization of royal okanogan huckleberry juice.
- 1828 **Simpson-Rivera, Ricardo Jose.** Optimization and computer control of batch retort process operations : conduction-heated foods.
- 1829 **Yang, Jianguo.** Use of the equilibrium contact angle as an index of contact surface cleanliness.

Food Science and Technology.—MASTERS 1992

- 1830 **Boyles, Matthew J.** Anthocyanin composition of red raspberry juice : influences of variety, processing, and environmental factors.

- 1831 **Kantt, Carlos Alberto.** Effectiveness of glucose oxidase/catalase for on-board preservation of shrimp.
- 1832 **Kirtley, Sidney A.** Use of contact angle analysis for the measurement of the relative hydrophilicity of food contact surfaces.
- 1833 **Straub, Angela Marie.** Power function determination for sourness and time-intensity measurements of sourness and astringency for selected acids.
- 1834 **Wightman, JoLynne D.** Study of sulfite mutants of *Saccharomyces cerevisiae*.
- 1835 **Wiseman, Jennifer Jo.** The effect of sucrose, aspartame, acesulfame-K and blended aspartame/acesulfame-K on orange and strawberry flavor in model solutions.

Food Science and Technology.—DOCTORS 1983

- 1836 **Coulombe, Roger A.** Aflatoxin mutagenesis and metabolism and their dietary modification in rainbow trout (*Salmo gairdneri*).
- 1837 **Dardiri, Moáwia Mohamed.** Frameshift mutagenicity of flavonol glycosides activated by human fecalase enzyme.
- 1838 **Einerson, Mark A.** Effect of cyclopropenoid fatty acids on membrane components of liver of rainbow trout (*Salmo gairdneri*).
- 1839 **Gonzalez-B, Carlos.** Effect of pre-rigor ultrapressurization on bovine intramuscular connective tissue.
- 1840 **Mangino, Mario M.** Formation of N-nitrosodimethylamine and nonvolatile N-nitrosamines from barley malt alkaloids.
- 1841 **Morrissey, Michael Thomas.** The effects of cyclopropenoid fatty acids on structural components of microsomal membranes.
- 1842 **Nwafor, Oguguo Ebisi.** Pressurization of prerigor beef muscle and its effect on the solubilization of myofibrillar proteins.
- 1843 **Thunell, Randall Kirk.** Lactic streptococci : the use of defined strains and bacteriophage-insensitive mutants in commercial manufacture of cheddar and cottage cheeses.
- 1844 **Wissemann, Kimberly Warner.** Purification and properties of d'Anjou pear (*Pyrus communis*, L.)

Food Science and Technology.—DOCTORS 1984

- 1845 **Bogason, Sigurdur Gretar.** Characterization of the intramuscular connective tissue collagen of three rockfish species (*Sebastes*).
- 1846 **EIKhalifa, Elamin Abdalla.** Effect of prerigor pressurization on postmortem biochemical changes in beef muscle.
- 1847 **Poocharoen, Boonthong.** Determination of selected secondary and tertiary amine alkaloids in barley malt.
- 1848 **Sayavedra-Soto, Luis Alberto.** Inhibition of polyphenol oxidase by sulfur dioxide.
- 1849 **Wesche-Ebeling, Pedro Alfredo E.** Purification of strawberry polyphenol oxidase and its role in anthocyanin degradation.

Food Science and Technology.—DOCTORS 1985

- 1850 **Erickson, Marilyn C.** The use of chicken egg yolk vesicles as a potential food system for juvenile Pacific oysters.
- 1851 **Lee, Hyoung S.** Development of analytical methodology for verification of authenticity of apple juice.
- 1852 **Perdew, Gary H.** Alteration in levels and synthesis of proteins in trout hepatocytes due to dietary cyclopropenoid fatty acid[s].

Food Science and Technology.—DOCTORS 1986

- 1853 **Goeger, Douglas Eugene.** Mechanisms of action by some inhibitors of aflatoxin B₁ scarcinogenesis in rainbow trout.

- 1854 **Hsu, Juinn-chin.** Characterization and removal of unstable proteins from grape juice and wine.

Food Science and Technology.—DOCTORS 1987

- 1855 **Pilando, Leticia S.** Characterization and detection of potential adulterants in apple juice by pattern recognition methods.

Food Science and Technology.—DOCTORS 1988

- 1856 **Flores Gaytán, José Humberto.** Ultrafiltration of fruit juice and wine.
- 1857 **Hong, Victor.** Characterization of anthocyanins in fruit juices and natural colorants.

Food Science and Technology.—DOCTORS 1989

- 1858 **Aguilar, Ramon Pacheco.** The effect of potassium bromate on the gel-forming ability of Pacific whiting (*Merluccius productus*) surimi.
- 1859 **Avedovech, Richard M.** Roles of yeast and lactic acid bacteria in malolactic fermentation of wines : a chemical and sensory study.
- 1860 **Li, Ken-yuon.** The microbial stability of refrigerated intermediate moisture foods.
- 1861 **Lundahl, David S.** Interrelationships among changes in flavor and aroma, and composition of stored strawberry juice concentrate.
- 1862 **Spanos, George A.** Influence of processing and storage on the phenolic composition of apple, pear and white grape juice.

Food Science and Technology.—DOCTORS 1990

- 1863 **Chavasit, Visith.** Studies in food science for industrial applications : Chemical and sensory analysis of fermented cucumbers; insoluble chitosanpolyacrylic acid complexes.

Food Science and Technology.—DOCTORS 1991

- 1864 **Beattie, Samuel E.** DNA transformation of *Saprolegnia parasitica*, an Omega-3 fatty acid producing fungus, with the *gbs-galactosidase* gene of *Kluyveromyces lactis*.
- 1865 **Luick, Bret R.** Digesta passage rates in the rat.

Food Science and Technology.—DOCTORS 1992

- 1866 **Bouzas, Jorge.** Time-temperature effects on cheddar cheese ripening : an interpretation of microbial, chemical and sensory changes.
- 1867 **Huang, Xiaolin.** Cellulase system of *Trichoderma reesei* QM9414 : a study of its apparent substrate inhibition.
- 1868 **Lozano de Gonzalez, Patricia.** Use of pineapple juice for inhibition of browning in apples.
- 1869 **Rommel, Angelika.** Phenolic composition of red raspberry juice : influences of cultivar, processing and environmental factors.
- 1870 **Wasson, Diana H.** Identification and characterization of a heat stable protease in arrowtooth flounder (*Atheresthes stomias*) and methods of inhibition in surimi.
- 1871 **Yau, Niann-jou N.(Niann-jou Newton).** Carbonation and its interaction with other sensory modalities.

Foods and Nutrition.—MASTERS 1983

- 1872 **Abou-Fadel, Olga Samir.** Thiamin and ascorbic acid retention and visual and textural qualities in thermally processed and stored green beans and Royal Ann cherries packed in pouches and cans.
- 1873 **DeVos, Ann.** Carbohydrate loading, vitamin B-6 supplementation, and fuel metabolism during exercise of differing intensity in post-absorptive man.

- 1874 **Hatcher, Lauren Francis.** Influence of controlled strenuous exercise on vitamin B-6 metabolism in man : effects of carbohydrate depletion-repletion diets and vitamin B-6 supplements.

- 1875 **Lozano de Gonzalez, Patricia.** The bioavailability of vitamin B6 from selected foods as measured by urinary 4-pyridoxic acid in men saturated with pyridoxine.

- 1876 **Marshall, Joyce M.** The incidence and duration of breast feeding among women in the greater metropolitan area of Portland, Oregon.

- 1877 **Riffero, Linda Marie.** Influence of microwave and broiling cooking methods on quality characteristics of pre-rigor pressurized versus conventionally processed beef.

- 1878 **Shimakawa, Tomoko.** Effect of zinc supplementation on cell growth and lipoprotein binding in human fibroblast cells.

- 1879 **Wang, Kuen Wu.** Bioavailability of vitamin B-6 from test foods and metabolism of vitamin B-6 in men receiving supplementary pyridoxine.

- 1880 **Wei, Ien-lan.** Bioavailability of niacin from tuna fish, peanut butter and whole wheat bread.

Foods and Nutrition.—MASTERS 1984

- 1881 **Adams, Elaine A.** An assessment of potential uses for robots in food systems.

- 1882 **Darcy, Diane Catharine.** The response of elderly and young women to an oral dose of pyridoxine (vitamin B₆).

- 1883 **Hood, Julie Ford.** Professional communications between physicians and dietitians as reported by dietitians.

- 1884 **Reiter, Christina Scribner.** Magnesium and red blood cell fragility following heavy exercise of moderate duration in untrained teenage boys.

- 1885 **Ward, Amy Sarver.** The effect of egg consumption on cholesterol distribution among lipoproteins and the ratio of Apo A-I/A-II in hyper and hyporesponders.

Foods and Nutrition.—MASTERS 1985

- 1886 **Bills, Nathan D.** Correlation of habitual diet with plasma risk factors for coronary heart disease.

- 1887 **Farid, Sheedvash Amirkia.** Effect of dietary fat and cholesterol on plasma lecithin:cholesterol acyltransferase activity in man.

- 1888 **Ottinger, Joan Marie.** Influence of riboflavin doses on the urinary excretion of riboflavin and 4-pyridoxic acid in young men.

- 1889 **Sanders, Terri K.** Effect of three levels of dietary egg on the nutrient intake of free-living, middle-aged men.

- 1890 **Walter, M. Carol.** Effect of altered carbohydrate diet, vitamin B-6 supplementation, and exercise on vitamin B-6 metabolism in trained and untrained women.

Foods and Nutrition.—MASTERS 1986

- 1891 **Becker, Nancy J.** Family food patterns and dietary change in an intervention study: the Family Heart Study.

- 1892 **Burky, Susan Marie.** Effectiveness of a nutrition education workshop for high school coaches.

- 1893 **Cloninger, Barbara J.** Food item inventory instructional simulation using microcomputers.

- 1894 **January, L. Lillian.** Nutrient intake of rural Oregon participants in the Elderly Nutrition Program.

- 1895 **Seitz, Julia Ann.** The effect of glucose and fructose ingestions on vitamin B-6 and fuel metabolism during prolonged, continuous exercise in trained males.

- 1896 **Talbott, Mary Catherine.** The effect of vitamin B-6 supplementation on lymphocyte responsiveness in independently-living elderly persons.

1897 **Yeh, Shih-ya.** Riboflavin status of Orientals in a U.S. town.

Foods and Nutrition.—MASTERS 1987

1898 **Boyde, Carol D.** The effect of type and level of dietary protein on the bioavailability of dietary fluoride in the rat.

1899 **Worley, Susan E.** Factors influencing body composition of postmenopausal women.

Foods and Nutrition.—MASTERS 1988

1900 **Campuzano, Gloria.** Effect of vitamin B-6 supplementation before strenuous exercise on restoration of plasma urea and ammonia levels.

1901 **Hadlett, Heidi Marie.** Fresh fish quality : consumer perceptions and need for indicators.

1902 **Meer, Ralph R.** Identification and characterization of some psychrotrophic heat resistant/sporeforming bacteria in the Grade A raw milk supply of Oregon.

Foods and Nutrition.—MASTERS 1989

1903 **Astell, Rebecca L.** Influence of ethanol on copper utilization by pregnant and growing rats.

1904 **Cox, Nancy R.** Financial recordkeeping practices of self-employed dietetic practitioners.

Foods and Nutrition.—MASTERS 1990

1905 **Chen, Yinghui.** Quality of fryers purchased in retail markets using microbial and sensory assessment.

1906 **Ruhumba-Sindiheburu, Pascaline.** The effect of vitamin B-6 supplementation on plant protein utilization in adults.

1907 **Zhang, Peifang.** The effect of drought stress on the chemical composition and distribution in Russet Burbank and AO82260-8 potatoes.

Foods and Nutrition.—DOCTORS 1984

1908 **Ha, Choonja.** The effect of vitamin B-6 deficiency on antitumor cytotoxic immune reactivity in mice.

1909 **Kabir, Gholamhossein.** In vivo and in vitro assessment of vitamin B6 bioavailability in humans.

1910 **Mitchell, Sandra J.** Protein and carbohydrate intake, plasma neutral amino acid levels, and hunger ratings of young men with changes in breakfast protein content.

1911 **Yeh, Lee-chuan C.** Perinatal and postweaning effects of the interaction between maternal ethanol ingestion and low dietary zinc in the rat.

Foods and Nutrition.—DOCTORS 1985

1912 **Elzohairy, Azza A.** The metabolic fate of lipoprotein cholesterol in isolated rat liver parenchymal cells.

1913 **Lee, Carol Marie.** Vitamin B-6 metabolism and status in young and middle-aged women.

1914 **Manore, Melinda M.** The effect of two carbohydrate diets and vitamin B-6 on vitamin B-6 and fuel metabolism and cardiac function during exercise in trained and untrained women.

1915 **VanDeRiet, Shirley J.** Food discards: nature, reasons for discard, and relationship to household variables.

1916 **Zondagh, Irene Beryl.** Prediction of meat quality characteristics using a two-factor quadratic central composite rotatable design with response surface analysis.

Foods and Nutrition.—DOCTORS 1986

1917 **Petchsing, Urairatana.** Thai-style fermented pork sausage (Nham): parasitological and microbiological safety.

Foods and Nutrition.—DOCTORS 1987

1918 **Cho, Youn-ok.** The effect of vitamin B-6 deficiency on carnitine metabolism during fasting in rats.

Foods and Nutrition.—DOCTORS 1989

1919 **Baek, Jong Ho.** Effect of ethanol and low dietary copper on perinatal and postweaning copper utilization in the rat.

1920 **Moore, Jane M.** Energy need, nutrient intake, fitness, body composition, and health risk factors in women with childhood and adult-onset obesity before and after a 9-month nutrition education and walking program.

Foods and Nutrition.—DOCTORS 1990

1921 **Jensen, Christine M.** Vitamin B-6 and pyrimidine deoxynucleoside metabolism in the rat.

Foods and Nutrition.—DOCTORS 1991

1922 **Bills, Nathan D.** In vivo and in vitro determination of the bioavailability of vitamin B-6 from plant foods containing pyridoxine glucoside.

Forest Engineering.—MASTERS 1983

1923 **Balcom, John Charles.** Comparison of skyline carriages for smallwood harvesting.

1924 **Chesney, Charles J.** Mass erosion occurrence and debris torrent impacts on some streams in the Willamette National Forest.

1925 **Estep, Margaret A.** Bedload sediment transport and channel morphology of a southeast Alaskan stream.

1926 **Summers, Richard P.** Trends in riparian vegetation regrowth following timber harvesting in western Oregon watersheds.

1927 **Taylor, Robert Lynn.** The effects of red alder leaf fall on the water color and other water quality characteristics of a small watershed in northwest Oregon.

1928 **Vanderwaal, James A.** Energy exchange of transplanted Douglas-fir seedlings on two cutover sites in Southwestern Oregon.

1929 **Whitaker, Carol Anne.** Restoring productivity of compacted forest soils with tillage.

Forest Engineering.—MASTERS 1984

1930 **Avery, Robert B.** Mathematical model for determining the position and line tensions for a tethered logging balloon.

1931 **Camacho, Pablo.** The effect of major environmental factors on growth rates of five important tree species in Costa Rica.

1932 **Feeny, Daniel John.** An economic evaluation of logging road maintenance.

1933 **Gaweda, Frank M.** First-year effects of broadcast burning on soil infiltration and wettability in southwest Oregon.

1934 **Robbins, Richard William.** The influence of soil compaction on early conifer growth in the southern Washington Cascades.

Forest Engineering.—MASTERS 1985

1935 **Berris, Steven Neil.** Comparative snow accumulation and melt during rainfall in forest and clearcut plots in western Oregon.

1936 **Woodruff, William C.** Payload analysis for the North Bend, South Bend, and modified North Bend skyline logging systems.

Forest Engineering.—MASTERS 1986

1937 **Bergan, Ernest E.** Linking a growth model with logging production costing.

Forest Engineering.—MASTERS 1987

1938 **Long, Barry A.** Recruitment and abundance of large woody debris in an Oregon coastal stream system.

1939 **McSwain, Michelle D.** Summer stream temperatures and channel characteristics of a southwestern Oregon coastal stream.

- 1940 **Piehl, Bradley T.** An evaluation of culverts on low volume forest roads in the Oregon Coast Range.

Forest Engineering.—MASTERS 1988

- 1941 **Commandeur, Paul R.** Shear stress transfer between roots and soil.
- 1942 **Fedora, Mark A.** Simulation of storm runoff in the Oregon Coast Range.
- 1943 **Robison, E. George.** Large woody debris and channel morphology of undisturbed streams in southeast Alaska.

Forest Engineering.—MASTERS 1989

- 1944 **Carlson, Joan Y.** Effects of forest management on fish habitat and macroinvertebrates in northeast Oregon streams.
- 1945 **Durston, Thomas A.** Improving the performance of multispan logging systems by suspending the mainline.
- 1946 **Heiman, David C.** Recruitment trends and physical characteristics of coarse woody debris in Oregon Coast Range streams.
- 1947 **Stack, William Robert.** Factors influencing pool morphology in Oregon coastal streams.

Forest Engineering.—MASTERS 1990

- 1948 **Gillilan, Scott E.** Storage dynamics of fine woody debris for two low-order streams in southeast Alaska.
- 1949 **Veldhuisen, Curt N.** Coarse woody debris in streams of the Drift Creek Basin, Oregon.

Forest Engineering.—MASTERS 1991

- 1950 **Bransom, Mark.** Soil engineering properties and vegetative characteristics for headwall slope stability analysis in the Oregon coast range.
- 1951 **Knight, Stephen M.** Forest harvesting impacts on coarse woody debris and channel form in central Oregon streams.
- 1952 **Reiter, Maryanne.** Subsurface flow of a forested riparian area in the Oregon coast range.
- 1953 **Salminen, Edward M.** Undercut streambanks in forested headwater streams of the Oregon coast range.

Forest Engineering.—MASTERS 1992

- 1954 **Beedle, David L.** Physical dimensions and hydrologic effects of beaver ponds on Kuiu Island in southeast Alaska.
- 1955 **Widner, Gregory L.** Summer low flow characteristics of forest streams in northeast Oregon.
- 1956 **Zeb, Aurang.** Characteristics of stream low flows in eastern Oregon : their relationship with precipitation and watershed parameters.

Forest Engineering.—DOCTORS 1984

- 1957 **LeDoux, Chris B.** A simulation of the comparative costs and benefits of skyline strip thinning.

Forest Engineering.—DOCTORS 1987

- 1958 **Murphy, Glen E.** An economic analysis of final log manufacturing locations in the steep terrain radiata pine plantations of New Zealand.

Forest Engineering.—DOCTORS 1988

- 1959 **Kaufmann, Philip Robert.** Channel morphology and hydraulic characteristics of torrent-impacted forest streams in the Oregon Coast Range, U.S.A..

Forest Engineering.—DOCTORS 1990

- 1960 **Garland, John J.** A model for the economic evaluation of training alternatives for complex logging tasks.

Forest Management.—MASTERS 1983

- 1961 **Lee, Martha Eugenia.** User perceptions of appropriate standards for recreation opportunity spectrum criteria at Steens Mountain, Oregon.

Forest Management.—MASTERS 1984

- 1962 **Flick, Dennis D.** Private timber supply projections for western Oregon and Washington : a comparison with 1980 RPA timber supply estimates.
- 1963 **Hamilton, Fiona C.** Contagious distributions in even aged forest stands : dynamics of spatial pattern and stand structure.
- 1964 **Herzog, Steven J.** Development of a forest data management system useful for research, instruction and property management.

Forest Management.—MASTERS 1985

- 1965 **Fried, Jeremy Steven.** Two studies of *Acer macrophyllum*: I. The effects of bigleaf maple on soils in Douglas-fir forests: II. The ecology of bigleaf maple seedling establishment and early growth in Douglas-fir forests.
- 1966 **Ritchie, Martin W.** Development of tree height and diameter growth equations for mid-Willamette Valley Douglas-fir.
- 1967 **Sales Luis, Jaime Fernando.** Growth growing-stock relationships in young Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco).
- 1968 **Valsta, Lauri.** An economic analysis of hardwood treatment in loblolly pine plantations—a whole rotation dynamic programming approach.

Forest Management.—MASTERS 1986

- 1969 **Eng, Helge.** Weibull diameter distribution models for managed stands of Douglas-fir in Washington and Oregon.
- 1970 **Hunt, Mary C.** Harvest scheduling and economic effects of old-growth forest preservation in northwest Oregon.
- 1971 **McCadden, Richard Jay.** McCadden, Richard Jay. A preliminary investigation into the use of the tariff system and three tree selection methods for obtaining Douglas-fir stand and stock tables from large-scale aerial photography.
- 1972 **Paredes-Veloso, Gonzalo L.** An efficient formulation and solution method of the even-aged rotation and thinning problem.
- 1973 **Zumrawi, Abdel Azim M. A.** Effects of stand density on site index in thinned stands of Douglas-fir in the Pacific Northwest.

Forest Management.—MASTERS 1987

- 1974 **Bregenzer, Neil S.** An analysis of alternative methods of nonmarket valuation : applications to whitewater recreation.
- 1975 **Mills, John R. (John Richard).** An evaluation of an inventory projection system : TRIM model predictions vs. forest inventory field measurements in North Carolina.
- 1976 **Torres Rojo, Juan Manuel.** Economic analysis of several alternatives of forest management for *Pinus hartwegii*.

Forest Management.—MASTERS 1988

- 1977 **Eldred, Peter D.** Evaluation of a shadow price search heuristic as an alternative to linear programming or binary search for timber harvest scheduling.
- 1978 **Goldammer, Jay P.** Models for predicting the effect of factor changes upon employment in four of Oregon's forest products industries.
- 1979 **Wang, Sen.** Multitemporal classification of vegetation in the Oregon Coastal Range using landsat multispectral scanner data.

- 1980 **Whittaker, Douglas P.** Impacts, standards, and perceived crowding on the Deschutes River : extending carrying capacity research.
- 1981 **Yoshimoto, Atsushi.** An efficient optimizing model for determining thinning regime and rotation age using the stand projection system growth simulator.

Forest Management.—MASTERS 1989

- 1982 **Alexander, Susan J.** Sensitivity of TRIM projections to management and stocking adjustment assumptions.
- 1983 **Ebaa-Atyi, Richard.** The potential contribution of a diameter class matrix model to predict growth of mixed tropical forests.
- 1984 **Hackworth, Kevin.** Importance of timber-related revenues to local governments in Oregon and the effects of forests in Oregon on property tax rates.
- 1985 **Martinson, Kristen S.** Encounter norms in more developed river settings.

Forest Management.—MASTERS 1990

- 1986 **Birch, Kevin R.** Determining the cost of old-growth set-asides on the OSU college forest.

Forest Management.—DOCTORS 1983

- 1987 **Lange, William J.** An econometric model of hardwood lumber and stumpage markets in the United States.
- 1988 **Schöne, Dieter Hans-Friedrich.** The valuation and use of site information for Douglas-fir reforestation in Western Oregon : a decision analysis.

Forest Management.—DOCTORS 1984

- 1989 **Barber, Richard L.** Model III : a sequential approach to joint optimization of the stand treatment and forest level harvest scheduling problem.
- 1990 **Brooks, David J.** Nonindustrial forests, public policy and long-term timber supply in the South.

Forest Management.—DOCTORS 1985

- 1991 **Alig, Ralph J.** Forest acreage trends in the Southeast: econometric analysis and policy simulations.

Forest Management.—DOCTORS 1986

- 1992 **Haight, Robert Gordon.** Optimal timber harvesting in uneven-aged forest stands: a discrete-time optimal-control approach.
- 1993 **Maguire, Douglas A.** Construction of regression models for predicting crown development in southwestern Oregon Douglas-fir.
- 1994 **Nicholson, Wesley E.** An analysis of regional log and lumber production costs in Canada, with projections to 2030.
- 1995 **Scrivani, John.** Scrivani, John. Nonlinear models of height growth for Douglas-fir in southwestern Oregon.

Forest Management.—DOCTORS 1987

- 1996 **Canonizado, Jeremias A.** A policy model for Philippine timber product exports.

Forest Management.—DOCTORS 1988

- 1997 **Haven, Lisa.** A comparison of subregional lumber, plywood and log markets in the Douglas-fir region.
- 1998 **Katz, Andres.** A model of Pacific Rim log and lumber markets : structure and projections.
- 1999 **Paredes-Veloso, Gonzalo L.** Use of duality values for multiple-use stand and forest planning.

Forest Management.—DOCTORS 1989

- 2000 **Baas, John M.** An examination of relationships between hunting participation, family relations, and adolescent self-concept.
- 2001 **Harrington, Timothy B.** Stand development and individual tree morphology and physiology of young Douglas-fir (*Pseudotsuga menziesii*) in association with tanoak (*Lithocarpus densiflorus*).
- 2002 **Nelson, John Douglas.** Integrating short-term spatially feasible harvest plans with long-term harvest schedules using Monte-Carlo integer programming and linear programming.

Forest Management.—DOCTORS 1990

- 2003 **Torres-Rojo, Juan M.** The use of relaxation to solve harvest scheduling problems with flow, wildlife habitat, and adjacency constraints.

Forest Management.—DOCTORS 1992

- 2004 **Lee, Martha Eugenia.** A marketing approach to providing recreation experience opportunities for wildland visitors.

Forest Products.—MASTERS 1983

- 2005 **Baskin, Richard.** The economic feasibility of preheating Douglas-fir blocks prior to peeling.
- 2006 **Gidlof, Pamela L.** Alternative methods for production of Douglas-fir linerboard quality pulp.
- 2007 **Sheffield, Thomas H.** Green-end veneer recovery and losses : a detailed study in types and volumes.
- 2008 **Ulrich, Thierry Olivier P.** Computer simulation of plywood manufacturing using the GASP IV language.

Forest Products.—MASTERS 1984

- 2009 **Bodner, Josef.** Effect of thinning and fertilization on wood properties and intra-ring characteristics in young Douglas-fir.
- 2010 **Gibson, David G. (David Glenn).** Detecting early decay and estimating residual strength of Douglas-fir heartwood by infrared and ultraviolet spectrophotometry.
- 2011 **Wilson, Kenneth P.** The role of methanol in a methanol acid sulfite pulping process.
- 2012 **Zylkowski, Steven C.** Properties of waferboard manufactured from alder and cottonwood.

Forest Products.—MASTERS 1985

- 2013 **Babb, Michael G.** Simulation analysis of green veneer recovery as influenced by different clipping strategies.
- 2014 **Cha, Jae Kyung.** Effect of loading rate on damping and stiffness in nailed joints.
- 2015 **Chou, Chun.** Effect of drying on damping and stiffness of nailed joints between wood and plywood.
- 2016 **Groom, Leslie.** Nondestructive detection of proportional limit and prediction of destructive parameters.
- 2017 **Kang, Hoyang.** Application of Hart's computer simulation to the drying of 2-inch thick Douglas-fir heartwood lumber.
- 2018 **Murad, Iskandar.** The feasibility of producing oriented strand board (OSB) from alder in western Oregon.
- 2019 **Ostman, Larry.** Development of techniques to study the behavior of bolted wood joints.
- 2020 **Song, Hong-keun.** Douglas-fir bark: characterization of a condensed tannin extract.

Forest Products.—MASTERS 1986

- 2021 **Clark, Randy Jon.** Investigation of a new resin as an exterior adhesive to bond high moisture content veneers.
- 2022 **Holt, Kris E.** Chemical characterization of breakdown products involved in detection of incipient decay of wood.

Forest Products.—MASTERS 1987

- 2023 **Chang, Chi-soon.** The use of pH measurements for the determination of formation constants of metal-organic complexes in kraft pulp black liquor.
- 2024 **Choi, Allen Siu Chung.** Correlation between mechanical strength of wood and annual ring characteristics in Douglas-fir juvenile and mature wood.
- 2025 **Forrer, Johannes B.** Image pre-processing algorithms for isolation of defects in Douglas-fir veneer.
- 2026 **Lebow, Stan T.** Migration of creosote from wood and its effects on marine borer attack.
- 2027 **Medhora, Hiraz Kekobad.** Reaction kinetic study and determination of controlling resistances during alkaline sulfite/anthraquinone pulping.
- 2028 **Wright, Rhonda R.** (co-dept. Industrial Engineering) The economic feasibility of locating an OSB plant in western Oregon [i.e. Oregon].

Forest Products.—MASTERS 1988

- 2029 **Coombs, Malcolm.** Predicting the machinability of finger-joints in ponderosa pine cutting stock.
- 2030 **Hoag, Michael Lynn.** Measurement of within tree density variations in Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco) using direct scanning X-ray techniques.
- 2031 **Li, Guozhi.** Effect of environmental condition and product type on creep properties of wood structural panels.
- 2032 **Lin, Ling-Chwun.** Use of fluorescent-labeled lectins for studying progressive stages of fungal decay in Douglas-fir and ponderosa pine.
- 2033 **Ren, Shan.** Bonding kinetics of thermosetting adhesive systems used in composites.

Forest Products.—MASTERS 1989

- 2034 **Caldwell, Michael R.** Characterization of calcium-organic complexing in kraft black liquor by isoperibol titration calorimetry.
- 2035 **Fantozzi, Jeffrey A.** Tensile failure characteristics of bolted wood joints subjected to bending moments.
- 2036 **Irving, David C.** A study of load-induced microdeformations within wood-based structural members using optical scanning techniques.
- 2037 **Wallace, Kathryn Anne.** The reaction of (+)-catechin with N-Hydroxymethylacetamide : a model for cross-linking PVA resins with tannins.
- 2038 **Zhou, Weidong.** Effect of temperature on moe and mor of structural panels.

Forest Products.—MASTERS 1990

- 2039 **Dutta, Tapas.** Kraft pulping of Douglas-fir with soluble anthraquinone.
- 2040 **Freitag, Michael.** Measuring extracellular enzymes in pure and mixed cultures of *Trametes versicolor* (L.:Fr.) Pilat and *Trichoderma harzianum* Rifai.
- 2041 **Fuller, James J.** Predicting the thermo-mechanical behavior of a gypsum-to-wood nailed connection.
- 2042 **Gao, Hong.** X-ray computerized tomography of particleboard to predict through-thickness density profile.
- 2043 **Mitchoff, Maureen Elaine.** Treatability of plywood panels containing western wood species from different geographic regions of the Pacific Northwest.
- 2044 **Shao, Ming.** Thermal properties of wood fiber networks.

Forest Products.—MASTERS 1991

- 2045 **Aslam, Fatima.** On-line lumber quality control technique using image processing.

- 2046 **Bricka, Vincent.** Growth ring pattern consideration in computer sawing simulation.
- 2047 **Maki, Robert G.** An application of statistical process control measures for maintaining optimal quality from dry kiln operations.
- 2048 **Zeng, Yimin.** Log breakdown using dynamic programming and 3-D log shape.

Forest Products.—MASTERS 1992

- 2049 **Chen, Jie.** Low molecular weight polyphenols in Douglas-fir outer bark : extraction, isolation and structure determination.
- 2050 **Jeihooni, Asgnar.** Distribution of preservative chemicals in flakeboard and its effect on board properties and fungal deterioration.
- 2051 **Kreber, Bernhard.** Bioprotection of unseasoned Ponderosa pine lumber from microbial discoloration.
- 2052 **Rahardjo, Susilowati.** The effect of rip-kerf width on 5/4 Ponderosa pine cutting stock yield.
- 2053 **Subrahmanyam, Sriram.** Studies on rosin soap size interaction with selected coordinating metal elements in the sizing of paper.

Forest Products.—DOCTORS 1983

- 2054 **Gollob, Lawrence.** The interaction of formulation parameters with chemical structure and adhesive performance of phenol-formaldehyde resins.
- 2055 **Goodell, Barry Scott.** Microdistribution and retention of chloropicrin in wood.

Forest Products.—DOCTORS 1984

- 2056 **Kamke, Frederick A.** Engineering analysis of a rotary dryer : drying of wood particles.
- 2057 **Milota, Michael R.** Engineering study on the drying of wood particles in a fluidized bed.
- 2058 **Ni, Hae-Rong.** Carbohydrates in a thermomechanical pulp, a sulfite pulp, and a solvent sulfite pulp from western hemlock.

Forest Products.—DOCTORS 1987

- 2059 **Jang, Sangsik.** Prediction models for creep behavior of nailed joints between Douglas-fir lumber and plywood.
- 2060 **Zavala, David Zavala.** Analysis of processes operative within plywood during hot pressing.

Forest Products.—DOCTORS 1988

- 2061 **Chou, Chun.** Modeling of nonlinear stiffness and nonviscous damping in nailed joints between wood and plywood.
- 2062 **Giron, Magdalena Y.** Microfungi of preservative treated Douglas-fir poles before and after fumigant treatment.
- 2063 **Song, Hong-keun.** Chemistry of phenolic stains in Douglas-fir sapwood.
- 2064 **Streisel, Robert C.** Chemical equilibrium of nonprocess elements in the kraft recovery cycle.
- 2065 **Wilson, Kenneth P.** Interactions between dissolved wood organic chemicals and nonprocess elements in chemical pulping processes.
- 2066 **Zahora, Andrew Roy.** Interactions of the fumigant methylisothiocyanate with Douglas-fir wood and their influence on fumigant effectiveness.

Forest Products.—DOCTORS 1989

- 2067 **Bae, Youngsoo.** Douglas-fir innerbark procyanidins : sulfonation, isolation and characterization.

- 2068 **Groom, Leslie.** Experimental verification and nonlinear modeling of truss-plate joints by Runge-Kutta numerical technique.
- Forest Products.—DOCTORS 1991**
- 2069 **Abdel-Gadir, Abdelazim Yassin.** Intra-ring variations in mature Douglas-fir trees from provenance plantations.
- Forest Products.—DOCTORS 1992**
- 2070 **Ali, Mohamed Aslam.** Studies on thermal degradation of Douglas-fir wood and bark.
- 2071 **Jeihooni, Asghar.** Distribution of preservative chemicals in flakeboard and its effect on board properties and fungal deterioration.
- 2072 **Kasal, Bohumil.** A nonlinear three-dimensional finite-element model of a light-frame wood structure.
- 2073 **Lee, Myoung-ku.** New approaches for analyzing white pitch deposits and grafting of synthetic polymers onto cellulose derivatives.
- 2074 **Ren, Shan.** Thermo-hygro rheological behavior of materials used in the manufacture of wood-based composites.
- Forest Resources.—MASTERS 1989**
- 2075 **Brunson, Mark W.** A model of campsite choice in dispersed recreation settings.
- Forest Resources.—MASTERS 1990**
- 2076 **Finley, Marlene T.** McDonald Forest : a case study in the use of the recreation opportunity spectrum planning framework in an near-urban forest.
- 2077 **Glowacki, Therese L.** Evaluating village-based tree nurseries in Senegal a comparative study of four projects.
- 2078 **Moore, Eric M.** An economic analysis of whitewater recreation on the upper Klamath River.
- Forest Resources.—MASTERS 1991**
- 2079 **Grasty, Brent L.** Economic impacts of federal and state river protection in the rural riverside housing market : the Upper Deschutes River, Oregon.
- 2080 **Shindler, Bruce A.** Interest group evaluations of ecological, social, and management criteria for wilderness campsites.
- Forest Resources.—MASTERS 1992**
- 2081 **Anderson, David M (David Matthew).** Current and future economic impact of Mount Hood National Forest outdoor recreation consumption.
- 2082 **Cannon, T. Lincoln.** Comparison of timber tax options available to western Oregon small nonindustrial private forest land owners.
- 2083 **Kiser, Jim (James Donald).** Photogrammetric uses of a new-generation analytical stereoplotter inforestry.
- 2084 **Ota, Ikuo.** Relationship between Japanese official development assistance and tropical timber harvest levels in three southeast Asian countries.
- 2085 **Powell, Leslie A. (Leslie Ann).** Federal forest revenue-sharing in coastal Oregon : an assessment of historical and future tax equivalence.
- 2086 **Tressler, Karen D.** Conflict over public land management : Oregon's Elk River dispute.
- Forest Resources.—DOCTORS 1990**
- 2087 **Rasker, Raymond.** Agriculture and wildlife, an economic analysis of waterfowl habitat management on farms in western Oregon.
- 2088 **Wang, Chao-huan.** Analysis methods for modeling tree and stand growth responses to fertilization and thinning.
- 2089 **Zumrawi, Abdel Azim M. A.** Examining bias in estimating the response variable and assessing the effect of using alternative plot designs to measure predictor variables in diameter growth modeling.
- Forest Resources.—DOCTORS 1991**
- 2090 **Yoshimoto, Atsushi.** Economic analysis of integrating spatial concerns into harvest scheduling.
- Forest Resources.—DOCTORS 1992**
- 2091 **Brunson, Mark W.** Effects of traditional and "new forestry" practices on recreational and scenic quality of managed forests.
- 2092 **Eng, Helge.** A comparison of prediction models for cover type transitions and their effects on harvest schedules in coastal Oregon.
- Forest Science.—MASTERS 1983**
- 2093 **Bell, Thomas Evans.** A procedure for the purification and quantitation of abscisic acid : and its application to a study of abscisic acid concentrations in needles of cold stored Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco) seedlings.
- 2094 **Boone, Richard D.** Patterns of soil organic matter and microclimate accompanying the death and regeneration of a mountain hemlock (*Tsuga mertensiana*) forest.
- 2095 **Darbyshire, Robyn Lea Willey.** Impacts of nursery processing on the survival, growth and physiology of 2+0 Douglas-fir seedlings.
- 2096 **Harrington, Timothy Brian.** Prediction of the biomass, leaf area, and crown area of sprout clumps of tanoak (*Lithocarpus densiflorus* (Hook. and Arn.) Rehd.): a technique for assessing site occupancy by this species.
- 2097 **Kaya, Zeki.** A statistical karyotype analysis of European black pine (*Pinus nigra* Arn.) seed sources.
- 2098 **McCreight, Richard W.** Detection of 2,4-D herbicide damage using ground-based measurements: implications for remote sensing.
- 2099 **Omi, Steven Katsu.** Seed set and the proportion of progeny due to self-fertilization in a Douglas-fir seed orchard.
- 2100 **Pilz, David P.** Management impacts on the ectomycorrhizal associations of *Pseudotsuga menziesii* var. *menziesii* seedlings : field and greenhouse bioassays.
- 2101 **Putnam, Betsy June.** Songbird populations of precommercially thinned and unthinned stands of ponderosa pine in east-central Washington.
- Forest Science.—MASTERS 1984**
- 2102 **Bentson, Kenneth Paul.** The transpiration behavior of Pacific madrone (*Arbutus menziesii* Pursh.) under various management regimes in southwest Oregon.
- 2103 **Castellano, Michael Angelo.** Basidiospores of *Rhizopogon vinicolor* and *R. colossus* as ectomycorrhizal inoculum.
- 2104 **Chan, Samuel S.** Competitive effects of overtopping vegetation on Douglas-fir morphology in the Oregon Coast Range.
- 2105 **Cole, Elizabeth C.** Fifth-year growth responses of Douglas-fir to crowding and other competition.
- 2106 **Frenzen, Peter M.** Conifer establishment from seed on tephra deposits from the 1980 eruptions of Mount St. Helens, Washington.
- 2107 **Loopstra, Carol Anne.** Patterns of genetic variation within and among breeding zones of Douglas-fir in southwest Oregon.
- 2108 **Puttonen, Pasi Kalevi.** The relationship of abscisic acid concentration in Douglas-fir needles to seedling vigor.

- 2109 **Reid, Paula W.** Assessing the influence of silvicultural practices on Douglas-fir nutrition and stemwood production.
- 2110 **Sachs, Donald.** Management effects on nitrogen nutrition and long-term productivity of western hemlock stands : an exercise in simulation with FORCYTE.
- 2111 **Waddell, Karen Lynne.** The effect of light intensity on Douglas-fir foliage quality : survival and development of Western spruce budworm.
- 2112 **Wolff, Scott.** Spot seeding Douglas-fir in the Pacific Northwest using a Finnish shelter seeding method.

Forest Science.—MASTERS 1985

- 2113 **Heath, Brian E.** Levels of asymbiotic nitrogen fixation in leaf litter in Northwest forests.
- 2114 **Latt, Christopher R.** The development of leaf area and biomass in the whiteleaf manzanita (*Arctostaphylos viscida* Parry.) brushfields of southwest Oregon.
- 2115 **Logan, Sheila E.** Post-eruption species selection and planting trials for reforestation of sites near Mount St. Helens.
- 2116 **Ross, Darrell W.** The effects of mechanical and chemical site preparation on ponderosa pine (*Pinus ponderosa* Dougl. ex Laws.) and lodgepole pine (*Pinus contorta* Dougl. ex Loud.) performance, associated vegetation, and soil properties in southcentral Oregon eight years after
- 2117 **Thomas, Theodore Bruce.** Stocking and growth of noble fir in the Cascade Mountains of Oregon and Washington.
- 2118 **Warrag, Esam Eldin I.** Effect of nitrogen fertilizer and irrigation on *Acacia senegal* seedling biomass and photosynthesis.

Forest Science.—MASTERS 1986

- 2119 **Egeland, Dawn M.** Vegetation-environmental relationships on two clearcuts on the western slopes of the Oregon Cascades.
- 2120 **Graff, Joseph Edward.** Responses of Douglas-fir seedlings to various nursery handling and outplanting practices.
- 2121 **Klopsch, Mark Warren.** Structure of mature Douglas-fir stands in a western Oregon watershed and implications for interpretation of disturbance history and succession.
- 2122 **Li, Peng.** Range-wide patterns of allozyme variation in Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco).

Forest Science.—MASTERS 1987

- 2123 **Cooke, Pamela T.** The role of density and proportion in allometric equations of Douglas-fir and red alder seedlings.
- 2124 **Kaiser, Elisabeth H.** The influence of stand structure and topography on growth, leaf area and efficiency of young Douglas-fir in the Oregon Coast Range.
- 2125 **Kim, Dong Yeob.** Seasonal estimates of nitrogen fixation by *Alnus rubra* and *Ceanothus* species in western Oregon forest ecosystems.
- 2126 **Niu, Chih-hao.** Association of nitrogen-fixing bacteria with ectomycorrhizae in Douglas-fir.
- 2127 **Schuch, Ursula K.** Frost hardiness of Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco) seedlings raised in three nurseries.
- 2128 **Whiting, Elizabeth Cameron.** The effects of nursery incurred tap-root wounds on growth of Douglas-fir seedlings.

Forest Science.—MASTERS 1988

- 2129 **Coates, K. Dave.** Effects of shrubs and herbs on conifer regeneration and microclimate in the *Rhododendron-Vaccinium-Menziesia* community of south-central British Columbia.

- 2130 **DeMeo, Thomas.** Relationships of tree growth to nitrogen and water availability in a sheep-tree-pasture system in Douglas County, Oregon : Field case study and shadehouse simulation.
- 2131 **Erickson, Vicky J.** The influence of distance and floral phenology on pollen gene flow and mating system patterns in a coastal Douglas-fir seed orchard.
- 2132 **Haeussler, Sybille.** Germination and first-year survival of red alder seedlings in the central Coast Range of Oregon.
- 2133 **Lipp, Cynthia C.** Effect of solution nitrogen and phosphorus on growth, carbon allocation and nitrogen fixation of red alder seedlings.
- 2134 **McCain, Cynthia N.** Soil changes after afforestation in Yellow River loess : a case study in Gansu Province, People's Republic of China.
- 2135 **McClellan, Michael H.** Denitrification potential in forest riparian soils of the western Oregon Cascades : spatial and temporal variation.
- 2136 **Savage, Thomas J.** Thinning and urea fertilization effects on emerging grand fir (*Abies grandis*) foliage and growth of western spruce budworm (*Choristoneura occidentalis*) larvae.
- 2137 **Schreiber, Barry.** Diurnal bird use of snags on clearcuts in central coastal Oregon.

Forest Science.—MASTERS 1989

- 2138 **Borchers, Susan L.** Growth and mycorrhiza formation of Douglas-fir seedlings grown in soils collected at different distances from hardwoods pioneering southwest-Oregon clearcuts.
- 2139 **Brainerd, Richard E.** Mycorrhiza formation and diversity in undisturbed forest and clearcut and burned areas in three forest types in Oregon.
- 2140 **Chien, Ching-te.** Plagiogravitropic growth in rooted stem cuttings of Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco) related to indole-3-acetic acid and cytokinins.
- 2141 **Cress, Daniel W.** The effects of inbreeding and supplemental mass pollination upon seed yields in a Douglas-fir seedling seed orchard.
- 2142 **Gleason, John F.** Fertilization of ponderosa pine seedlings in the nursery and field : morphology, physiology, and field performance.
- 2143 **Hipkins, Valerie D.** Biochemical markers of quality in Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco) seedlings : the relationship between survival, root growth potential, freezing and drying damage, and time of lift.
- 2144 **Simard, Suzanne W.** Competition among lodgepole pine seedlings and plant species in a Sitka-alder dominated shrub community in the southern interior of British Columbia.

Forest Science.—MASTERS 1990

- 2145 **Ahrens, Glenn R.** Tanoak (*Lithocarpus densiflorus* (Hook & Arn.) Rehd.) root dieback : below- and aboveground site occupancy by stump-sprouts in southwest Oregon.
- 2146 **Bruner, Karen L.** Effects of beaver on streams, streamside habitat, and coho salmon fry populations in two coastal Oregon streams.
- 2147 **Carlton, Gary C.** The structure and dynamics of red alder communities in the central coast range of western Oregon.
- 2148 **Cuevas-Rangel, Rosalia Adela.** Comparative drought tolerance of four Mexican pine species.
- 2149 **Funez, Atilio Ortiz.** Survival and growth of Douglas-fir and ponderosa pine during eight years of whiteleaf manzanita and herb competition in southwest Oregon.

- 2150 **Gillham, Maria L.** Physical and chemical characteristics of riparian soils two third order streams in the western Cascades of Oregon.
- 2151 **Giordano, Peter A.** Growth and carbon allocation of red alder seedlings grown over a density gradient.
- 2152 **Lu, Shengjun.** Seasonal and diurnal trends of leaf water potential and stomatal conductance of red alder (*Alnus rubra* Bong) growing along a density gradient in western Oregon.
- 2153 **Nicholson, Alison Campbell.** Water relations, survival and growth of Douglas-fir seedlings at a pinegrass dominated site in the interior Douglas-fir zone of south- central British Columbia.
- 2154 **Rojas-Melo, Nestor S.** Influence of soil and rhizosphere actinomycetes on Frankia infection and nitrogenase activity in *Alnus rubra* Bong.
- Forest Science.—MASTERS 1991**
- 2155 **Ali, Shaukat.** Effect of different levels of fertilizer, application interval and container type on growth of seedlings of black locust (*Robinia pseudoacacia* L.).
- 2156 **Gumtow-Farrior, Daniel L.** Cavity resources in Oregon white oak and Douglas-fir stands in the mid-Willamette Valley, Oregon.
- 2157 **Hubbard, Connie J.** A plant association classification for McDonald-Dunn Forest.
- 2158 **Kim, Sang-kyun.** Thinning response in *Alnus rubra* and *Arbutus menziesii* : effects of spacing, light, and moisture.
- 2159 **Volk, John.** The effect of miombo and dambo soil transfers on early seedling growth of *Bauhinia petersiana* Bolle., *Cassia spectabilis* D.C., and *Calliandra calothyrsus* Meissn. on degraded miombo sites.
- 2160 **Wang, Zhengqi.** Effects of bedrock water availability on growth and ecophysiology of Douglas-fir (*Pseudotsuga menziesii*) and Pacific Madrone (*Arbutus menziesii*) in southwest Oregon.
- Forest Science.—MASTERS 1992**
- 2161 **Fischer, Christine R.** Inoculum potential of vesicular-arbuscular mycorrhizal fungi in two Costa Rican soils with different vegetation covers.
- 2162 **Gagliuso, Robert A.** Habitat alteration and human disturbance : their impact on cougar habitat utilization in southwest Oregon.
- 2163 **Haase, Diane L.** Transplant shock in stored and unstored 2+0 Douglas-fir seedlings : effect of initial root volume and soil water content.
- 2164 **Kelly, Linda Susan "Susie".** Early competitive interactions between red alder and salmonberry in the Oregon Coast Range.
- 2165 **Leavell, Daniel M.** Relationships between plant associations and environment within McDonald-Dunn Forest.
- 2166 **McIntosh, Bruce A.** Historical changes in anadromous fish habitat in the Upper Grande Ronde River, Oregon, 1941-1990.
- Forest Science.—DOCTORS 1983**
- 2167 **Matson, Pamela A.** Effects of nutrient and light limitation on mountain hemlock susceptibility to laminated root rot.
- Forest Science.—DOCTORS 1984**
- 2168 **Foster, George Samuel, Jr.** Genetic considerations in cloning western hemlock.
- 2169 **Furnier, Glenn Richard.** Population genetic structure of Jeffrey pine.
- 2170 **Joly, Robert J.** Physiological and morphological responses to water deficit in seedling progeny of four populations of Douglas-fir (*Pseudotsuga menziesii* [Mirb.] Franco).
- 2171 **Malavasi, Marlene de Matos.** Physiological and biochemical studies of stratified Douglas-fir [*Pseudotsuga menziesii* (Mirb.) Franco] seeds after redrying, storage, and subsequent germination.
- 2172 **Malavasi, Ubirajara Contro.** Variation of carbon allocation and competitive ability of different tree species as related to successional position and habitat.
- 2173 **Neale, David B.** Population genetic structure of the Douglas-fir shelterwood regeneration system in southwest Oregon.
- 2174 **Smith, Nicholas J.** Effects of density stress and soil productivity on size, mortality and nitrogen fixation in artificial populations of seedling red alder (*Alnus rubra* Bong.).
- Forest Science.—DOCTORS 1985**
- 2175 **Bork, Joyce L.** Fire history in three vegetation types on the eastern side of the Oregon Cascades.
- 2176 **Ho, Iwan.** Enzyme activity and phytohormone production of ectomycorrhizal fungi.
- 2177 **Hung, Ling-ling L.** Ectomycorrhizal inoculation of Douglas-fir nursery stock with commercially produced inoculum.
- 2178 **Marshall, John D. (John David)** Physiological control of fine root turnover in Douglas-fir.
- 2179 **Oren, Ram.** Leaf area index and specific leaf weight: keys to interpreting canopy photosynthesis and stand growth.
- Forest Science.—DOCTORS 1986**
- 2180 **Espinosa Bancalari, Miguel A.** Growth and structure of three adjacent 22 year-old Douglas-fir stands in the Oregon Coast Range.
- 2181 **Kellogg, L. D. (Loren D.).** A stand management strategy for young western hemlock-Sitka spruce forests.
- 2182 **Margolis, Hank A.** Carbon and nitrogen allocation patterns of 2-0 Douglas-fir seedlings following nitrogen fertilization in the autumn.
- 2183 **McClain, Keith M.** Water relations and associated morphology of conditioned Douglas-fir and jack pine seedlings subjected to periods of drought stress.
- 2184 **Riitters, Kurt H.** Early genetic selection in Douglas-fir: interactions with shade, drought, and stand density.
- Forest Science.—DOCTORS 1987**
- 2185 **Capo-Arteaga, Miguel A.** Early survival and growth response of five species of *Pinus* to plant competition and aspect in southwest Oregon and northeast Mexico.
- 2186 **Kaya, Zeki.** Genetic variation in shoot-growth patterns of Douglas-fir populations from southwest Oregon.
- 2187 **McCreary, Douglas D.** Evaluating the quality of Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco) seedlings : a comparison of some current and proposed evaluation methods.
- Forest Science.—DOCTORS 1988**
- 2188 **Elhadi, Faroug Mohamed.** Studies on *Acacia senegal* (L.) Wild. in western Sudan with special reference to variation among populations, host x soil inoculum interaction among populations, and host x Rhizobium strains interactions.
- 2189 **Mangold, Robert.** Genetic variation and phenotypic stability among three elevational sources of coastal Douglas-fir from southwest Oregon.
- 2190 **Tung, Chao-hsiung.** Dormancy in *Abies* seedlings.

- 2191 **White, Diane E.** Competitive interactions between Douglas-fir or ponderosa pine and whiteleaf manzanita.

Forest Science.—DOCTORS 1989

- 2192 **Amaranthus, Michael.** The role of ectomycorrhizal fungi in ecosystem recovery.
- 2193 **Bentson, Kenneth Paul.** Short-term fate of xenobiotic substances in pesticide deposits.
- 2194 **Koo, Chang Duck.** Water stress, fertilization and light effects on the growth of nodulated, mycorrhizal red alder seedlings.
- 2195 **Petersen, Terry D.** Dynamics of size structures : simulation and experiments in seedling stands of *Pseudotsuga menziesii* and *Fraxinus mandshurica*.
- 2196 **Richardson, Brian.** The role of droplet size, concentration, spray volume, and canopy architecture in herbicide application efficiency.
- 2197 **Ryan, Michael G.** The importance of maintenance respiration by living cells in the sapwood of subalpine conifers.
- 2198 **Shainsky, Lauri J.** Competitive interactions between Douglas-fir and red alder seedlings : growth analysis, resource use, and physiology.
- 2199 **Vance, Nan C.** Physiology of drought stress in *Pinus ponderosa* (Dougl. ex Laws.) and the influence of low irradiance.
- 2200 **Weber, John C.** Geographic variation in central Oregon ponderosa pine (*Pinus ponderosa* Laws.) : seed germination; seed, wing, and cone morphology; seed color.

Forest Science.—DOCTORS 1990

- 2201 **Borchers, Jeffrey G.** Physical processes affecting soil biotic and abiotic responses to disturbance in forest ecosystems of southwestern Oregon.
- 2202 **Castellano, Michael A.** The taxonomy of the genus *Hysterangium* (Basidiomycotina, Hysterangiaceae) with notes on its ecology.
- 2203 **Entry, James A.** The effect of light and nitrogen limitation on western conifers : response to *Armillaria ostoyae* infection.
- 2204 **Graham, Jeff S.** The control of bud development in Douglas-fir seedlings by photoperiod, flurprimidol, and endogenous gibberellins and abscisic acid.
- 2205 **Jensen, Edward C.** The silviculture institute : an assessment of impact.
- 2206 **Li, Habin.** Spatio-temporal pattern analysis of managed forest landscapes : a simulation approach.
- 2207 **Puettmann, Klaus J.** The size-density relationship in pure and mixed red alder/Douglas-fir stands and its use in the development of a growth model.
- 2208 **Rose, Cathy L.** Application of the carbon/nitrogen balance concept to predicting the nutritional quality of blueberry foliage to deer in southeastern Alaska.
- 2209 **St. Clair, John Bradley.** Effects of seed characters and competitive environment on two-year performance of open-pollinated Douglas-fir families.
- 2210 **Wagner, Robert Gordon.** Interspecific competition in young Douglas-fir plantations of the Oregon coast range.

Forest Science.—DOCTORS 1991

- 2211 **Goldfarb, Barry.** Factors affecting adventitious shoot formation and expression of microprojectile-introduced DNA in Douglas-fir cotyledons.
- 2212 **Li, Peng.** Genetic variation in phenology of bud and cambial activity in coastal Douglas-fir (*Pseudotsuga menziesii* var. *menziesii* (Mirb.) Franco).

- 2213 **Marshall, David D.** The effects of thinning on stand and tree growth in a young, high site Douglas-fir stand in western Oregon.

- 2214 **Morris, John W. (John William)** Efficient transformation of pinaceous gymnosperm cells by *Agrobacterium*.
- 2215 **Omi, Steven K.** Effects of fall lifting and long-term freezer storage on ponderosa pine seedling physiology and quality.
- 2216 **Vargas-Hernandez, Jesus.** Genetic variation of wood density components in coastal Douglas-fir and their relationships to growth rhythm.
- 2217 **Velazquez-Martinez, Alejandro.** Interacting effects of stand density, site factors, and nutrients on productivity and productive efficiency of Douglas-fir plantations in the Oregon Cascades.

Forest Science.—DOCTORS 1992

- 2218 **Bradshaw, G. A.** Hierarchical analysis of spatial pattern and processes of Douglas-fir forests using wavelet analysis.
- 2219 **Hong, Yong-pyo.** Chloroplast DNA variability and phylogeny in the California closed cone pines.
- 2220 **McClellan, Michael H.** Soil carbon and nutrient dynamics of windthrow chronosequences in spruce-hemlock forests of southern Alaska.
- 2221 **Yoder, Barbara J.** (co-dept. Plant Physiology) Photosynthesis of conifers : influential factors and potentials for remote sensing.

General Science.—MASTERS 1983

- 2222 **Brooker, Dehorah L.** Response to ultraviolet (UV-B) radiation by attached assemblages of estuarine diatoms.
- 2223 **McNair, Vanmin Marie Hutchinson.** Development of a system to test for the toxicity of solar irradiated polynuclear aromatic hydrocarbons and preliminary data using mammalian cell cultures.
- 2224 **Ramho, Danny Lynn.** The metabolic behavior of some Cascade mosses.

General Science.—MASTERS 1984

- 2225 **Jolma, Eva I.** Routine and post-accident analysis of nuclear power plant reactor coolant.
- 2226 **Nelson, Philip D.** The use of delayed neutron counting for uranium analysis in biological tissue and its application to a pharmacokinetic study in weanling rats.
- 2227 **Schaffer, Randy Lee.** An evaluation of two methods for determinations of polynuclear aromatic hydrocarbons in water.
- 2228 **Taylor, H. Terry.** William Ernest Castle, American geneticist : a case-study in the impact of the Mendelian research program.
- 2229 **Valett, Melee Kaye.** Diel changes in marine neuston and plankton communities of Sequim Bay, Washington.

General Science.—MASTERS 1985

- 2230 **Gallant, Alisa L.** Revegetation-microhabitat relations in the blast zone of Mount St. Helens.
- 2231 **McKenzie-Carter, Michael A.** Uptake and retention of technetium [i.e. technetium] by two freshwater species, the crayfish *Pacifastacus leniusculus* and the snail *Juga silicula*.

General Science.—MASTERS 1986

- 2232 **Haney, Dennis C.** Physiological and hematological changes in chum salmon (*Oncorhynchus keta*) infected with erythrocytic necrosis virus.

General Science.—MASTERS 1987

- 2233 **Becerra, Michael A.** The effects of mirex on biliary excretion of bile salts and phenolphthalein glucuronide in male rats.

- 2234 **Cavanaugh, William M.** Some effects of ultraviolet-B radiation (290-320 nm) on unialgal and mixed cultures of two centric diatoms.
- 2235 **Felstul, David R.** Sediment characteristics as indicators of toxic cadmium and copper concentrations in Oregon estuaries.
- 2236 **Keizer, Philip John.** Uranium biokinetics in gavaged young adult female rats.
- 2237 **Northcutt, Allison Ruth.** In vivo counting of americium-241 in human lungs and tracheobronchial lymph nodes.
- 2238 **TenBrook, Warren Kermit.** Research reactor coolant monitoring using automated gamma ray spectrometry.

General Science.—MASTERS 1989

- 2239 **Wones, Andrew G.** Benthic macroinvertebrates and sediment characteristics of a coastal dune margin lake (Carter Lake, Douglas County, Oregon).

General Science.—MASTERS 1990

- 2240 **Alexander, Gail Marie.** The marine biological station of San Diego : its development as related to the ideas and ideals of William Emerson Ritter (1856-1944).
- 2241 **Behrenfeld, Mike J.** Primary productivity in the southeast Pacific Ocean : effects of enhanced ultraviolet-B radiation.
- 2242 **Clark, Ellen Deehan.** Aspects of the ecology and morphology of *Lupinus littoralis* Dougl.
- 2243 **Elliott, William E.** History and analysis of the creation research society.
- 2244 **Erman, Lisa T.** Impacts of dredged material disposal on estuarine benthic macrofaunal communities in Coos Bay, Oregon.

General Science.—MASTERS 1992

- 2245 **Harenda, Mary G.** Evaluation of techniques of monitor wetland hydrology and macroinvertebrate community characteristics.
- 2246 **Runyon, John R.** Environmental limits on above-ground production : observations from the Oregon transect.
- 2247 **Toth, Barbara L.** Factors affecting conifer regeneration and community structure after a wildfire in western Montana.

General Science.—DOCTORS 1983

- 2248 **May, Eric Bruce.** Histological, histochemical and ultrastructural changes associated with nutritional muscular dystrophy in selenium deficient lambs.
- 2249 **Sullivan, Timothy Joseph.** Deposition and persistence of polynuclear aromatic hydrocarbons after slash burning clear-cut sites in Oregon.
- 2250 **Zernel, John Joseph.** John Wesley Powell : science and reform in a positive context.

General Science.—DOCTORS 1991

- 2251 **Greitner, Carol S.** Growth and photosynthesis of plants in response to environmental stress.

Genetics.—MASTERS 1983

- 2252 **Quant, Rebecca L.** Molecular relationships among multiple-sized plasmids of *Pseudomonas syringae* pv. phaseolicola.

Genetics.—MASTERS 1986

- 2253 **Chakerian, Randolph Logan.** Identification, cloning and nucleotide sequencing of the granulin genes of *Trichoplusia ni* and *Pieris brassicae* granulosis viruses.

Genetics.—MASTERS 1989

- 2254 **Tsai, Ching-Hsiu.** Dispersed repetitive sequences in the chloroplast genome of Douglas-fir (*Pseudotsuga menziesii* (Mirb.) Franco).

Genetics.—MASTERS 1990

- 2255 **Amberg, Sean M.** Nucleotide sequence of two chloroplast genes from a *Chlorella*-like green alga : the large subunit of Ribulose-1, 5-bisphosphate carboxylase/oxygenase and ribosomal protein S14.
- 2256 **Gombart, Adrian F.** OpMNPV p32, a baculovirus polyhedral envelope-associated protein : genetic location, nucleotide sequence, transcriptional mapping and immunocytochemical characterization.
- 2257 **Scarlett, Lori M.** Genetics of *Lactobacilli* : plasmid profiles and genetic exchange.

Genetics.—DOCTORS 1986

- 2258 **Leisy, Douglas J.** Gene expression, genome organization, and evolution of the *Orgyia pseudotsugata* multicapsid nuclear polyhedrosis virus.

Genetics.—DOCTORS 1990

- 2259 **Berge-Chandler, Sonja Kay.** The expression of embryo maturation genes in wheat and the role of abscisic acid.

Genetics.—DOCTORS 1991

- 2260 **Castle, Linda A.** Molecular factors that influence host range and virulence of *A. tumefaciens*.
- 2261 **Ji, Jiuping.** Mutagenic mechanisms associated with perturbations of DNA precursor biosynthesis in phage T4.
- 2262 **Zhao, Yuqi.** Molecular genetic characterization of a pathogenicity-attenuated mutant of *Pseudomonas syringae* pathovar *syringae*.

Genetics.—DOCTORS 1992

- 2263 **Child, Stephanie J.** Evidence for the modification of vaccinia virus core proteins by ADP-ribosylation.
- 2264 **Graves, Michael V.** Analysis of two highly expressed genes from *Chlorella virus* PBCV-1 ; prote in characterization and the DNA sequences of the major capsid protein gene and the early/late 33-kDa protein gene.
- 2265 **Hicks, Glenn R.** Molecular identification and characterization of two plasma membrane associated auxin-binding proteins.
- 2266 **Howe, Glenn Thomas.** Agrobacterium-mediated transformation of hybrid poplar (*Populus alba* x *P. grandidentata*) and analysis of foreign gene expression.

Geography.—MASTERS 1983

- 2267 **Wickramaratne, Siri Nimal.** Vegetation changes in the Willamette River Greenway, Benton and Linn Counties, Oregon, 1972-1981.

Geography.—MASTERS 1984

- 2268 **Flewelling, Douglas Mark.** Computerized delineation of watersheds using digital elevation model data.
- 2269 **Lewis, Michael E.** Agroclimatic hazards of the Fort Rock Basin : perceptions and mitigation strategies among cow-calf operators and cash-crop agriculturalists.

Geography.—MASTERS 1985

- 2270 **Young, Brian K.** The influence of map complexity on interpolation accuracy.

Geography.—MASTERS 1986

- 2271 **Marshall, John L. (John Lee).** Value assessment of Jackson-Frazier Wetland, Benton County, Oregon: a case study.

- 2272 **Morrow, Robert J.** Age structure and spatial pattern of old-growth ponderosa pine in Pringle Falls Experimental Forest, central Oregon.

Geography.—MASTERS 1987

- 2273 **Kiilsgaard, Christen W.** Riparian vegetation recovery in the blast and airfall tephra zones of Mount St. Helens, Washington.

Geography.—MASTERS 1988

- 2274 **Bernert, Joseph A.** Equal contrast tint progressions for computer cartography.
- 2275 **Luoma, Daniel L.** Synecology of the Monotropoideae within Limpy Rock Research Natural Area, Umpqua National Forest, Oregon.
- 2276 **Thoma, Michael N.** The use of remote sensing in an integrated approach for stress detection on the cultivated cranberry.

Geography.—MASTERS 1989

- 2277 **Craig, Scott J.** Morphological variation and habitat relations of intergradient Grand Fir (*Abies grandis*)/White Fir (*Abies concolor*) populations in the Willowa Mountains, Oregon.
- 2278 **Root, Ann L.** The wild and scenic river act : problems of implementation in Oregon.
- 2279 **Ryan-Burkett, Sandra E.** Riparian canopy and channel response to hillslope disturbance in Elk River Basin, southwest Oregon.

Geography.—MASTERS 1990

- 2280 **Gomez, Sharon N.** Soil erosion assessment in the Republic of Cape Verde, West Africa, using a geographic information system.
- 2281 **Langen, Gido.** A translator program converting a digitized map into the format of the American proposed standard for digital cartographic data.
- 2282 **Oppermann, Martin.** A comparative study of Oregon and New Zealand as tourist destinations : tourism resources, perceptions, and travel patterns.

Geography.—MASTERS 1992

- 2283 **Morlan, Janet C.** Ecological status and dynamics of a salt marsh restoration in the Salmon River Estuary, Oregon.
- 2284 **Pross, Derek D.** A global scale analysis of the spatiotemporal distribution of foliar biomass for 1988.
- 2285 **Sneed, Jacquelin M.** A Methodology to directly input data from an uncontrolled aerial photograph into a vector based geographic information system.

Geography.—DOCTORS 1983

- 2286 **Boss, Theodore R.** Vegetation ecology and net primary productivity of selected freshwater wetlands in Oregon.

Geography.—DOCTORS 1984

- 2287 **Gentile, John Richard.** The evolution and geographic aspects of the anti-trapping movement : a classic resource conflict.

Geography.—DOCTORS 1985

- 2288 **Ripple, William J.** Relationships between grass canopy characteristics and Landsat Thematic Mapper bands.
- 2289 **Parsons, Michael Raymond.** Spatial and temporal changes in stream network topology: post-eruption drainage, Mount St. Helens.

Geography.—DOCTORS 1986

- 2290 **Brooks, Kris.** Determination of geographic information system database characteristics: an application of the information integration theory.
- 2291 **Nathalang, Santita.** A spatial analysis of factors influencing farmland conversion in the Bangkok metropolitan area, Thailand.
- 2292 **Pearson, Monte L.** Geomorphological analysis of North Fork Toutle River, Washington, 1980-1984.

Geography.—DOCTORS 1989

- 2293 **Luoma, Daniel L.** Biomass and community structure of sporocarps formed by hypogeous ectomycorrhizal fungi within selected forest habitats of the H. J. Andrews Experimental Forest, Oregon.

Geography.—DOCTORS 1990

- 2294 **Lorenz, Jay R.** Diffusion of Eurasian guarding dogs into American agriculture : an alternative method of predator control.
- 2295 **Wilson, Roy R.** Cooperation and conflict in a fereral-municipal watershed : a case study of Portland, Oregon.

Geography.—DOCTORS 1991

- 2296 **Vincent, Robert Montgomery.** Biological diversity and third world development : a study of the transformation of an ecological concept into natural resource policy.

Geology.—MASTERS 1983

- 2297 **Bonelli, Douglas T.** The geology and skarn mineralization at the Ataspaqa prospect, Tacna, Peru.
- 2298 **Graham, John Paul.** Devonian and Mississippian stratigraphy of the southern Hot Creek Range, Nye County, Nevada.
- 2299 **Holliday, Joseph.** The bedrock geology of the southeast part of Shasta Valley, Siskiyou County, California.
- 2300 **Jay, Jeremy Barth.** The geology and stratigraphy of the Tertiary volcanic and volcanoclastic rocks, with special emphasis on the Deschutes Formation, from Lake Simtustus to Madras in central Oregon.
- 2301 **Loken, Trygve.** Hydrothermal alteration and oil show at the Summer Coon intrusive center, Saguache County, Colorado.
- 2302 **Mack, Gregory Stebbins.** Geology, ground water chemistry, and hydrogeology of the Murphy area, Josephine County, Oregon.
- 2303 **Nevens, Barbara B.** Structural evolution of the Russell Ranch oil field and vicinity, southern Coast Ranges, California.
- 2304 **Olbinski, James Steven.** Geology of the Buster Creek-Nehalem Valley area, Clatsop County, northwest Oregon.
- 2305 **Olson, Daniel J.** Surface and subsurface geology of the Santa Barbara-Goleta metropolitan area, Santa Barbara County, California.
- 2306 **Sarewitz, Daniel R.** Geology of a part of the Heavens Gate quadrangle, Seven Devils Mountains, western Idaho.
- 2307 **Seedorf, Douglas Christopher.** Upper Cretaceous through Eocene stratigraphy of the southern Ventura basin, California.
- 2308 **Thomason, Robert Edward.** Volcanic stratigraphy and epithermal mineralization of the DeLamar Silver Mine, Owyhee County, Idaho.
- 2309 **Visconti, Robert Vincent.** Paleozoic stratigraphy and stucture of the Dry Creek area, Elko and Eureka Counties, Nevada.
- 2310 **White, David Dean.** Bedrock geology and stratigraphy of the Late Cretaceous Nanaimo Group of the Maple Bay-Cowichan Bay area, British Columbia.

Geology.—MASTERS 1984

- 2311 **Bingert, Neil J.** Geology of the northeast one-quarter of the Prineville quadrangle, north-central Oregon.
- 2312 **Casaceli, Robert Joseph.** The geology and mineral potential of the Hahns Peak intrusive porphyry, Routt County, Colorado.
- 2313 **Hayman, Glenn A.** Geology of a part of the Eagle Butte and Gateway quadrangles east of the Deschutes River, Jefferson County, Oregon.
- 2314 **Peterson, Carolyn Pugh.** Geology of the Green Mountain-Young's River area, Clatsop County, northwest Oregon.
- 2315 **Ricks, Cynthia L.** Flood history and sedimentation at the mouth of Redwood Creek, Humboldt County, California.
- 2316 **Schwing, Hans Frederick.** Subsurface geology of the South Cuyama oil field and adjacent areas, southern Coast Ranges, California.
- 2317 **Thormahlen, David J.** Geology of the northwest one-quarter of the Prineville Quadrangle, central Oregon.

Geology.—MASTERS 1985

- 2318 **Cannon, Debra May.** The stratigraphy, geochemistry, and mineralogy of two ash-flow tuffs in the Deschutes Formation, central Oregon.
- 2319 **Conrey, Richard M.** Volcanic stratigraphy of the Deschutes Formation, Green Ridge to Fly Creek, north-central Oregon.
- 2320 **Hill, Brittain Eames.** Petrology of the Bend pumice and Tumalo tuff, a Pleistocene Cascade eruption involving magma mixing.
- 2321 **Keats, Donna G.** Geology and mineralization of the High Grade district, Modoc County, California.
- 2322 **Nelson, David Ezra.** Geology of the Fishhawk Falls--Jewell area, Clatsop County, northwest Oregon.
- 2323 **Smith, Richard D. (Richard Dean).** Sediment routing in a small watershed in the blast zone at Mount St. Helens, Washington.
- 2324 **Whitaker, John H.** Geology of the Willow Creek area, Elko County, Nevada.

Geology.—MASTERS 1986

- 2325 **Barrow-Hurlbert, Sarah A.** Geology and neotectonics of the Upper Nevis Basin, South Island, New Zealand.
- 2326 **Byrne, David Jerome.** Stratigraphy and depositional history of the Upper Mississippian Big Snowy Formation in the Snowcrest Range, southwestern Montana.
- 2327 **Calhoun, Jeannette A.** Structural geology of the Morales Canyon and Taylor Canyon region of the Cuyama basin, southern Coast Ranges, California.
- 2328 **Chauvot, Isabelle P.** Study of the gold deposits at the War Eagle mine, Idaho County, Idaho.
- 2329 **Chesley, John Theodore.** A combined p18sO/p16sO and D/H isotopic study of molybdenite mineralization at Pear Lake and related areas in the Pioneer batholith, southwest Montana.
- 2330 **Clark, Charles W. (Charles Wade).** The stratigraphy and structure of the Paleozoic and Mesozoic rocks of the west flank of the Armstead anticline area, Beaverhead County, Montana.
- 2331 **Elrick, Maya.** Depositional and diagenetic history of the Devonian Guilmette Formation, southern Goshute Range, Elko County, Nevada.
- 2332 **Graham, James Duncan.** Mass movement dynamics, geomorphology and their relationship to geology in the North Fork Siuslaw drainage basin, Oregon Coast Range.

- 2333 **Grigsby, F. Bryan.** Quaternary tectonics of the Rincon and San Miguelito oil fields area, western Ventura basin, California.
- 2334 **Higinbotham, Larry R.** Stratigraphy, depositional history, and petrology of the Upper Cretaceous(?) to middle Eocene Montgomery Creek Formation, northern California.
- 2335 **Mahood, Richard O.** Petrology, sedimentology, and diagenesis of volcanoclastics and sandstones from Leg 63 of the Deep Sea Drilling Project, Baja California and southern California Continental Borderland.
- 2336 **Palmer-Rosenberg, Paul S.** Himalayan deformation and metamorphism of rocks south of the Main Mantle Thrust, Karakoram Pass area, southern Swat, Pakistan.
- 2337 **Price, Georgina.** Geology and mineralisation, Taylor-Windfall gold prospect, British Columbia, Canada.
- 2338 **Rarey, Phillip Jay.** Geology of the Hamlet-North Fork of the Nehalem River area, southern Clatsop and northernmost Tillamook Counties, northwest Oregon.
- 2339 **Richards, Matthew E.** Subsurface geology of the Santa Clara Avenue oil field and the Las Posas area, Ventura basin, California.
- 2340 **Sans, Roger Stephen.** Origin of Devonian rock units in the southern Fish Creek Range, Nye County, Nevada.
- 2341 **Spitz, Herbert M.** Subsurface geology of the southeastern Cuyama Valley, southern Coast Ranges, California.
- 2342 **Yogodzinski, Gene M.** The Deschutes Formation-- High Cascade transition in the Whitewater River area, Jefferson County, Oregon.

Geology.—MASTERS 1987

- 2343 **Cowell, Peter F.** Structure and stratigraphy of part of the northern Fish Creek Range, Eureka County, Nevada.
- 2344 **Goodhue, William V.** Bedrock geology and stratigraphy of the northern parts of the Armstead and Madigan Gulch anticlines, Beaverhead County, Montana.
- 2345 **Hoover, Amy L.** Transect across the Salmon River suture, South Fork of the Clearwater River, western Idaho : rare earth element geochemical, structural, and metamorphic study.
- 2346 **Key, Colin F.** Stratigraphy and depositional history of the Amsden and lower Quadrant Formations, Snowcrest Range, Beaverhead and Madison Counties, Montana.
- 2347 **Lipka, Joseph T.** Stratigraphy and structure of the southern Sulphur Spring Range, Eureka County, Nevada.
- 2348 **Little, Stephen W.** Stratigraphy, petrology and provenance of the Cretaceous Gable Creek Formation, Wheeler County, Oregon.
- 2349 **Madin, Ian.** Structure and neotectonics of the northwestern Nanga Parbat-Haramosh massif.
- 2350 **McHugh, Margaret H.** Landslide occurrence in the Elk and Sixes River basins, southwest Oregon.
- 2351 **Verplanck, Philip L.** A field and geochemical study of the boundary between the Nanga Parbat-Haramosh massif and the Ladakh arc terrane, northern Pakistan.

Geology.—MASTERS 1988

- 2352 **Baker, Dan M.** Balanced structural cross-sections of the central Salt Range and Potwar Plateau of Pakistan : shortening and overthrust deformation.
- 2353 **Baker, Linda J.** The stratigraphy and depositional setting of the Spencer Formation, west-central Willamette Valley, Oregon : a surface-subsurface analysis.
- 2354 **DeDen, F. Michael.** Stratigraphy, depositional environments, and diagenesis of the Devonian Simonson and Guilmette Formations in the White Pine, Egan, and Schell Creek Ranges, White Pine County, Nevada.

- 2355 **Elfrink, Neil.** The geology of the east central desolation butte quadrangle, Grant County, Oregon.
- 2356 **Goalen, Jeffrey Scott.** The geology of the Elk Mountain-Porter Ridge area, Clatsop County, northwest Oregon.
- 2357 **Horning, Thomas S.** The geology, igneous petrology, and mineral deposits of the Ataspaca mining district, Department of Tacna, Peru.
- 2358 **Huftile, Gary J.** Geologic structure of the Upper Ojai Valley and Chaffee Canyon areas, Ventura County, California.
- 2359 **Kuiper, John L.** Stratigraphy and sedimentary petrology of the Mascall Formation, eastern Oregon.
- 2360 **Lane, Jeffrey W.** Relations between geology and mass movement features in a part of the East Fork Coquille River watershed, southern Coast Range, Oregon.
- 2361 **Leathers, Michael R.** Balanced structural cross section of the western Salt Range and Potwar Plateau, Pakistan : deformation near the strike-slip terminus of an overthrust sheet.
- 2362 **Pennock, Edward S.** Structural interpretation of seismic reflection data from the eastern Salt Range and Potwar Plateau, Pakistan.
- 2363 **Prihar, Douglas W.** Geology and mineralization of the Seaman Gulch area, east Shasta mining district, Shasta County, California.
- 2364 **Schneider, Richard C.** Stratigraphy and depositional environments of the Mississippian Rocks, Garnet Range-Bearmouth area, Granite County, western Montana.
- 2365 **Vest, Sarah B.** Effects of earthflows on stream channel and valley floor morphology western Cascade Range, Oregon.

Geology.—MASTERS 1989

- 2366 **Bird, Jill M.** Stratigraphy and structure of the northern part of the Fish Creek Range, Eureka County, Nevada.
- 2367 **Camilleri, Phyllis A.** Superposed compressional and extensional strain in Lower Paleozoic rocks of the northwestern Grant Range, Nevada.
- 2368 **Carpenter, Daniel G.** Geology of the North Muddy Mountains, Clark County, Nevada and regional structural synthesis: fold-thrust and basin-range structure in southern Nevada, southwest Utah, and northwest Arizona.
- 2369 **Carpenter, James Anthony.** Structure of the southern Mormon Mountains, Clark County, Nevada and regional structural synthesis : fold-thrust and basin-range structure in southern Nevada, southwest Utah, and northwest Arizona.
- 2370 **Haessig, Polly Ann.** Structure and petrography of the schist of Skookum Gulch, Callahan-Yreka area, eastern Klamath Mountains, northern California.
- 2371 **Ivy, Susan Denise.** Source, evolution, and eruptive history of the Cold Spring Creek volcanics, Beaverhead County, Montana.
- 2372 **Khan, Amjad I.** Geology and structure of the Bear Creek area, Crook County, Oregon.
- 2373 **LaFortune, James Robert.** Geology and geochemistry of Indian plate rocks south of the Indus Suture, Besham area, northern Pakistan.
- 2374 **McDannel, Angela K.** Geology of the southernmost Deschutes basin, Tumalo quadrangle, Deschutes County, Oregon.
- 2375 **Mumford, Daniel Franklin.** Geology of the Elsie-lower Nehalem River area, south-central Clatsop and northern Tillamook counties, northwestern Oregon.
- 2376 **Nicholson, David K.** Geology, geochemistry, and mineralization of the Yellowbottom-Boulder Creek area, Linn County, Oregon.

- 2377 **Pyle, Douglas G.** Geochemical evolution of the Roseburg formation basaltic rocks, southern Oregon coast range.
- 2378 **Safley, L. Eugene.** Geology of the Rock Creek-Green Mountain area, southeast Clatsop and northernmost Tillamook counties, northwest Oregon.
- 2379 **Van Dissen, Russell J.** Late Quaternary faulting in the Kaikoura region, southeastern Marlborough, New Zealand.
- 2380 **Wendland, David W.** Castle Rocks : a late miocene eruptive center at the north end of Green Ridge, Jefferson County, Oregon.

Geology.—MASTERS 1990

- 2381 **Feeley, Todd C.** The Egan Range volcanic complex : implications for the evolution of a mid-tertiary synextensional volcanic system.
- 2382 **Hoffman, Heidi.** (co-dept. Civil Engineering) Depositional and diagenetic model for the Middle Devonian Range, Eureka County, Nevada.
- 2383 **Humayon, Mansoor.** Structural interpretation of the eastern Sulaiman foldbelt and foredeep, Pakistan.
- 2384 **Hylland, Michael D.** Geology of the southern Gandghar Range and Kherimar Hills, northern Pakistan.
- 2385 **Jaswal, Tariq Majeed.** Structure and evolution of the Dhurnal oil field, northern Potwar deformed zone, Pakistan.
- 2386 **Lee, Sherri.** Mississippian flysch-trough sediments, sources, and structure of the southern Fish Creek Range Eureka County, Nevada.
- 2387 **McIntyre, Jana L.** Late Cenozoic structure of the central Wassuk Range, Mineral County, Nevada.
- 2388 **Waldman, Jeff L.** Stratigraphy and depositional environments of the Upper Devonian Fenstermaker Limestone, Eureka County, Nevada.

Geology.—MASTERS 1991

- 2389 **Davidson, Gary F.** Cretaceous tectonic history along the Salmon River suture zone near Orofino, Idaho : Metamorphic structural and $p40sAr/p39sAr$ thermochronologic constraints.
- 2390 **Dolph, Jayne Ellen.** An analysis of the distribution of precipitation and runoff from the historical record for the continental United States.
- 2391 **Gallahan, William E.** Experimental determination of the temperature and compositional dependences of rare earth element, Y, and Sc partitioning between high-Ca clinopyroxene and natural mafic to intermediate silicate melts.
- 2392 **Goldfinger, Chris.** Evolution of the Corvallis fault and implications for the Oregon coast range.
- 2393 **Graven, Erik P.** Structure and tectonics of the southern Willamette Valley, Oregon.
- 2394 **Hevesi, Joseph A.** Precipitation estimation in mountainous terrain using multivariate geostatistics.
- 2395 **Khurshid, Akbar.** Crustal structure of the Sulaiman Range, Pakistan, from gravity data.
- 2396 **Parker, Michael J. (Michael John).** The oligocene and miocene geology of the Tillamook embayment Tillamook County, northwest Oregon.
- 2397 **Shay, John T.** Structure of the crust beneath Lake Superior from forward modeling of large aperture seismic data.
- 2398 **Summers, Cathy A.** Base and precious metal deposits in the western Cascades of Oregon and southern Washington : mineralogy, fluid inclusion, and sulfur isotopes.

Geology.—MASTERS 1992

- 2399 **Ahmad, Irshad.** Structure and metamorphism of the Chakdara area northwest of Swat River, Pakistan.

- 2400 **Curless, John M.** Geology and hydrothermal mineralization in the vicinity of Rocky Top, Marion County, Oregon.
- 2401 **Dill, Thomas E.** Stratigraphy of the neogene volcanic rocks along the lower Metolius River, Jefferson County, central Oregon.
- 2402 **Enos, Robert A.** Changes in gravity anomalies during erosion and isostatic rebound of collisional mountain ranges.
- 2403 **Kausar, Allah Bakhsh.** Petrology of the Kohistan Arc and hosted hydrothermal sulfides, Gilgit Area, Pakistan.
- 2404 **Langer, Vera W.** Geology and petrologic evolution of the silicic to intermediate volcanic rocks underneath Steens Mountain basalt, SE Oregon.
- 2405 **Qayyum, Mazhar.** Crustal shortening and tectonic evolution of the Salt Range in Northwest Himalaya, Pakistan.
- 2406 **Stormberg, Gregory J.** The Mist gasfield, N. W. Oregon : source rock characterization and stable isotope (C,H,N) geochemistry.

Geology.—DOCTORS 1983

- 2407 **Hughes, Scott Stevens.** Petrochemical evolution of High Cascade volcanic rocks in the Three Sisters region, Oregon.
- 2408 **Mullen, Ellen Domaratus.** Petrology and regional setting of peridotite and gabbro of the Canyon Mountain complex, northeast Oregon.
- 2409 **Wallace, Alan R.** Alteration and vein mineralization, Schwartzwalder uranium deposit, Front Range, Colorado.

Geology.—DOCTORS 1984

- 2410 **Bartlett, Mark W.** Petrology and genesis of carbonate-hosted Pb-Zn-Ag ores, San Cristobal District, Department of Junin, Peru.

Geology.—DOCTORS 1985

- 2411 **Fifarek, Richard H.** Alteration geochemistry, fluid inclusion, and stable isotope study of the Red Ledge volcanogenic massive sulfide deposit, Idaho.
- 2412 **Power, Sara Glen.** The "tops" of porphyry copper deposits - mineralization and plutonism in the Western Cascades, Oregon.
- 2413 **Sidder, Gary Brian.** Ore genesis at the Monterosas deposit in the coastal batholith, Ica, Peru.

Geology.—DOCTORS 1986

- 2414 **Sansome, Constance J. (Constance Jefferson).** Origin and configuration of the present-day land surface, Goodhue County, Minnesota.
- 2415 **Smith, Gary Allen.** Stratigraphy, sedimentology, and petrology of neogene rocks in the Deschutes basin, central Oregon: a record of continental-margin volcanism and its influence on fluvial sedimentation in an arc-adjacent basin.

Geology.—DOCTORS 1987

- 2416 **Blodgett, R. B.** Taxonomy and paleobiogeographic affinities of an early Middle Devonian (Eifelian) gastropod faunule from the Livengood quadrangle, east-central Alaska.
- 2417 **McCulla, Michael S.** Geology and metallization of the White River area, King and Pierce counties, Washington.

Geology.—DOCTORS 1988

- 2418 **Potter, A. W.** Stratigraphy and selected Ordovician brachiopods from the Horseshoe Gulch and Gregg Ranch areas, eastern Klamath Mountains, northern California.

Geology.—DOCTORS 1989

- 2419 **McDougall, James W.** Geology and geophysics of the foreland fold-thrust belt of northwestern Pakistan.

Geology.—DOCTORS 1990

- 2420 **DiPietro, Joseph A.** Stratigraphy, structure, and metamorphism near Saidu Sharif, Lower Swat, Pakistan.
- 2421 **Walker, Robert James.** Magmatism and mineralization of the Ash Peak area, Arizona : petrochemical interpretations.

Geology.—DOCTORS 1991

- 2422 **Baig, Mirza Shahid.** Structure and geochronology of Pre-Himalayan and Himalayan orogenic events in the Northwest Himalayan, Pakistan, with special reference to the Besham area.
- 2423 **Lewis, Reed S.** Geology, geochemistry, and mineral potential of cretaceous and tertiary plutons in the eastern part of the Soldier Mountains, Idaho.

Geology.—DOCTORS 1992

- 2424 **Hill, Brittain Eames** Petrogenesis of compositionally distinct silicic volcanoes in the Three Sisters region of the Oregon Cascade Range : the effects of crustal extension on the development of continental arc silicic magmatism.
- 2425 **Jadoon, Ishtiaq Ahmad Khan.** Thin-skinned tectonics on continent/ocean transitional crust, Sulaiman Range, Pakistan.
- 2426 **Zhang, Ning.** Taxonomy, paleoecology, and paleobiogeography of Wenlockian (Silurian) brachiopods of the Cape Phillips formation from Baillie Hamilton Island, Arctic Canada.

Geophysics.—MASTERS 1983

- 2427 **Ganoe, Steven J.** Investigation of Pn wave propagation in Oregon.
- 2428 **Goodman, Dean.** Seismic refraction survey of crustal and upper mantle structures in the West Philippine Basin.
- 2429 **Schultz, Karin L.** Paleomagnetism of Jurassic plutons in the central Klamath Mountains, southern Oregon and northern California.

Geophysics.—MASTERS 1986

- 2430 **Dwan, Shufa F.** A seismic refraction study of the Monterey Deep Sea Fan and a comparison of velocity structures among fan subunits.
- 2431 **Foote, Robert W.** Curie-point isotherm mapping and interpretation from aeromagnetic measurements in the northern Oregon Cascades.

Geophysics.—MASTERS 1987

- 2432 **Alvarado Omana, Miguel Angel.** Gravity and crustal structure of the south-central Gulf of Mexico, the Yucatan Peninsula, and adjacent areas from 17p0s30N to 26p0sN and from 84p0sW to 93p0sW.
- 2433 **Brandstottir, Bryndis.** Precise measurements of coda buildup and decay rates of western Pacific P, Pb0 and Sb0 sphases and their relevance to lithospheric scattering.
- 2434 **Duroy, Yannick.** Subsurface densities & lithospheric flexure of the Himalayan foreland in Pakistan, interpreted from gravity data.
- 2435 **Jaumé, Steven C.** The mechanics of the Salt Range-Potwar Plateau, Pakistan : qualitative and quantitative aspects of a fold-and-thrust belt underlain by evaporites.
- 2436 **Van Heeswijk, Marijke.** Shallow crustal structure of the caldera of Axial Seamount, Juan de Fuca ridge.

Geophysics.—MASTERS 1988

- 2437 **Poujol, Michel.** High resolution seismic refraction study of the uppermost oceanic crust near the Juan De Fuca Ridge.

Geophysics.—MASTERS 1990

- 2438 **Doguin, Pierre.** Crustal structure and faulting of the Gulf of California from geophysical modeling and deconvolution of magnetic profiles.
- 2439 **Ludwig, Rainer.** Double subduction beneath Hispaniola? an investigation of earthquakes by body wave inversion.
- 2440 **Macario, Ana L. G.** Frequency response function analysis of the equatorial margin of Brazil using gravity and bathymetry.

Geophysics.—MASTERS 1991

- 2441 **Sattel, Daniel.** P and S velocity structure beneath the Gulf of Maine.

Geophysics.—MASTERS 1992

- 2442 **Braumiller, Jochen.** Down-dip geometry and depth extent of normal faults in the Aegean-evidence from earthquakes.
- 2443 **Li, Xiao-qing.** The 1988 Lancang-Gengma, China, earthquake sequence : teleseismic body wave, surface wave and strong ground motion studies.
- 2444 **Soofi, Muhammad Asif.** Crustal structure of the northwestern continental margin of the Indian subcontinent from gravity and magnetic data.

Geophysics.—DOCTORS 1984

- 2445 **Bée, Michel.** A comparison of seismic properties of young and mature oceanic crust.
- 2446 **Huppunen, JoAnne L.** Analysis and interpretation of magnetic anomalies observed in north-central California.

Geophysics.—DOCTORS 1985

- 2447 **Solano-Borrego, Ariel E.** Crustal structure and seismicity of the Gorda Ridge.

Geophysics.—DOCTORS 1986

- 2448 **Axelsson, Gudni.** Hydrology and thermomechanics of liquid-dominated hydrothermal systems in Iceland.

Geophysics.—DOCTORS 1987

- 2449 **Dubendorff, Bruce H.** Changes in seismic velocity and apparent attenuation due to isotropic and anisotropic scattering : results from physical modeling.

Geophysics.—DOCTORS 1988

- 2450 **Zamora, Osvaldo Sanchez.** Crustal structure and thermal gradients of the northern Gulf of California determined using spectral analysis of magnetic anomalies.

Geophysics.—DOCTORS 1990

- 2451 **Audunsson, Haraldur.** Paleomagnetism, magnetic properties and thermal history of a thick transitional-polarity lava.

Geophysics.—DOCTORS 1991

- 2452 **Arason, Pordur.** Paleomagnetic inclination shallowing in deep-sea sediments.
- 2453 **García-Abdeslem, Juan.** Spectral analysis and ridge-regression of magnetic anomalies from the northern continental margin of the Yucatan Peninsula, Mexico.

Geophysics.—DOCTORS 1992

- 2454 **Braga, Luiz F. S.** Isostatic evolution and crustal structures of the Amazon continental margin determined by admittance analyses and inversion of gravity data.

Geosciences.—MASTERS 1990

- 2455 **Berkman, Thomas Anthony.** Surface-subsurface geology of the middle to upper Eocene sedimentary and volcanic rock units, western Columbia County, northwest Oregon.

Geosciences.—MASTERS 1991

- 2456 **Werner, Kenneth Stefan.** I. Direction of maximum horizontal compression in western Oregon determined by borehole breakouts. II. Structure and tectonics of the northern Willamette Valley, Oregon.

Geosciences.—MASTERS 1992

- 2457 **Fritzke, Susan L.** Soil erosion and vegetation loss accelerated by visitor use of Paradise Meadows, Mount Rainier National Park.
- 2458 **Wong, Bernard Bong-lap.** Controls on movement of selected landslides in the Coast Range and western Cascades, Oregon.

Geosciences.—DOCTORS 1991

- 2459 **Smith, Richard D. (Richard Dean)** Streamflow and bedload transport in obstruction-affected gravel-bed stream.

Geosciences.—DOCTORS 1992

- 2460 **Morrissey, Leslie A.** Temporal and spatial variability of methane emissions from Alaskan Arctic tundra.

Guidance and Counseling see—Counseling and Guidance

Health.—MASTERS 1991

- 2461 **Farmer, Rainier H.** The impact of external factors on occupational injury/illness and lost workday incidence rates.
- 2462 **Mix, Katherine A.** Knowledge and attitudes about genital herpes and acquired immunodeficiency syndrome among future teachers.

Health.—MASTERS 1992

- 2463 **Jorgensen, Jane L.** Multivariate profile analysis of premenstrual symptomatology.
- 2464 **Thayer, Brock E.** Organizational responses to drug use in the workplace : a study of Oregon manufacturing companies.
- 2465 **Wood, Nadine M. Schneider.** Effectiveness of selected components in behavioral weight-loss interventions : a meta-analysis.

Health.—DOCTORS 1990

- 2466 **Harding, Anna K. Williamson.** Factors influencing family use of health care services in Tamil Nadu (India) villages.
- 2467 **LeRoy, Charles H.** A descriptive study of hospital utilization in four Oregon rural counties.

Health.—DOCTORS 1992

- 2468 **Beeson, Luana J.** Health knowledge competencies and essential health skills of entry level college freshmen enrolled in Oregon's research universities.
- 2469 **Good, Debora L.** College women, alcohol consumption, and negative sexual outcomes.
- 2470 **Teschner, Pamela J. Smith.** Comparative analysis of factors influencing participation in an employee health promotion program, including characterizations of participants and nonparticipants.

Health and Human Performance see—Exercise and Sport Science

Health Education.—MASTERS 1983

- 2471 **Graham, Cheryl A.** Delineation of an operational definition of "sexuality comfort" utilizing a semistructured interview guide.

Health Education—MASTERS 1984

- 2472 **Nauman, Hal Eugene.** A comparison of the prevalence of infectious gastrointestinal disease and the quality of individual, surface source water systems in Lincoln County, Oregon.

Health Education—MASTERS 1986

- 2473 **Cochran, M. Teresa.** The development and application of an evaluation questionnaire used to compare opinions towards an audiovisual foodservice training program.
- 2474 **Tuyls, Gary W.** Identification of opinions that university bicyclists and pedestrians possess regarding their safety from a bicycle traffic-related injury on campus.
- 2475 **Wagner, Bonnie S.** Sexuality education in Montana public high schools with a focus on implementation.

Health Education—MASTERS 1987

- 2476 **Fowler, Sheila J.** Worksite health promotion programs : thirty-four case studies.
- 2477 **Smith, Judith Claire.** Historical analysis of dental hygiene independent practice and its prospective future : 1965 to present.

Health Education—MASTERS 1988

- 2478 **Beeson, Luana J.** Midlife pregnancy, a comparative study of the parental attitudes of the mature primigravida and the younger primigravida.
- 2479 **Roe, Lisa Lynn.** Eating disorders among female athletes : factors to be included in coaches' prevention/intervention guide.
- 2480 **Williams, Barbara.** A survey of Oregon college and university health service AIDS-related priorities and policies : a replication of the Caruso and Haig Philadelphia study.

Health Education—MASTERS 1989

- 2481 **Taylor, Christine G.** Belief systems of Jamaican mothers regarding bottle supplementation of breastfed infants.

Health Education—MASTERS 1990

- 2482 **Baskerville, Linda F.** Attitudes, perceptions and coping skills of long-term breast cancer survivors.
- 2483 **Beeson, Luana J.** Midlife pregnancy, a comparative study of the parental attitudes of the mature primigravida and the younger primigravida.

Health Education—MASTERS 1992

- 2484 **Sims, Gigi-Terese.** Sexuality education : a descriptive study of adolescent interests and perceived needs as reported by middle school students.

Home Economics see—Human Development and Family Studies

Home Economics Education see also—Vocational and Technical Education

Home Economics Education—MASTERS 1984

- 2485 **Williams, Christine Elizabeth.** A comparison of students', teachers', and principals' attitudes toward consumer and homemaking education.

Home Economics Education—MASTERS 1986

- 2486 **Ellis, Cathy J.** Oregon home economics teachers' knowledge and use of content area reading strategies.

Home Economics Education—MASTERS 1989

- 2487 **Kamau, Nellie M. W.** Attitudes of primary teacher trainees toward sexuality education in Kenya.

Horticulture—MASTERS 1983

- 2488 **Chen, Yung-wu.** The influence of antitranspirant and calcium sprays on calcium distribution and tipburn in cabbage (*Brassica oleracea* var. *capitata*) and lettuce (*Lactuca sativa* L.).
- 2489 **Kean, Deborah.** The inheritance of parthenocarpy in tomato (*Lycopersicon esculentum*).
- 2490 **Privett, Diane Winters.** Perception and reproductive response of common beans (*Phaseolus vulgaris* L.) to photoperiod.

Horticulture—MASTERS 1984

- 2491 **Burgess, Jean E.** Interaction between hazelnut (*Corylus avellana* L.) shoot development and big bud mite (*Phytoptus avellanae* Nal. and *Cecidophyopsis vermiformis* Nal.).
- 2492 **Capelle, Susan C.** The effects of Thidiazuron on cytokinin autonomy and the metabolism of Np6s([delta]p2s-isopentenyl)[8-p14sC]adenosine in callus tissues of *Phaseolus lunatus* L..
- 2493 **Guerrero-Prieto, Victor Manuel.** Evaluation of pollinizers for Royal Ann sweet cherry (*Prunus avium* L.) in the Willamette Valley.
- 2494 **Kent, Jeffrey A.** Instant orchard : technique for the production of ready-to-bear temperate zone fruit trees.
- 2495 **Liere, Dean G.** Relationship of seed size, seed washing, plant density and harvest date to yield and plant stand in table beet (*Beta vulgaris* L.).
- 2496 **Maggard, Carol J.** Annual bluegrass (*Poa annua* L.) control in turf with ethofumesate.
- 2497 **Olsen, Jeffery L.** Yield component and growth analysis of strawberries.
- 2498 **Silberman, Ricardo S.** Aspects of manganese nutrition in filbert trees.
- 2499 **Tami, Mohamed.** Effect of nitrogen, boron, and rootstocks on yield, fruit quality, and nutritional levels in leaf, fruit, and flower tissue of Starkspur Golden Delicious apple trees.

Horticulture—MASTERS 1985

- 2500 **DeGomez, Thomas E.** Growth and development of primocane fruiting red raspberry, (*Rubus idaeus* L.) and influence of nitrogen fertilizer and pruning.
- 2501 **Gilbert, Cynthia.** Anther quality, pollen production, and fruit malformation in strawberry.
- 2502 **Kumpula, Carol L.** The interaction of photosynthesis and auxin transport during adventitious root formation in *Pisum sativum* L. stem cuttings and the effect of stock plant etiolation on rooting.
- 2503 **Lee, Yun-hwa.** [8-p14sC]zeatin metabolism in *Phaseolus* embryos.
- 2504 **Lu, Can.** Effect of medium, fertilizer rates and transplant methods on the growth of young apple trees.
- 2505 **Petersen, Kerry L.** The effects of tillage and irrigation on sweet corn (*Zea mays* L.) development, yield, and water use.
- 2506 **Scott, George M.** Strawberry fruit quality as affected by soil pH, phosphorus, spring applied nitrogen, and time of harvest.
- 2507 **Walls, Timothy W.** The effects of soaking and low temperatures on germination and seedling vigor of snap beans (*Phaseolus vulgaris* L. cv. *Slenderette*).
- 2508 **Yassen, Abdulameir Ali.** Effect of nitrogen rates, row spacings and population densities on yield and ear characteristics of sweet corn.

Horticulture—MASTERS 1986

- 2509 **Abbes, Ahmed.** Effect of floating row covers on tomato and Romaine lettuce.

- 2510 **Gerasopoulos, Dimitrios.** Chilling requirements of D'Anjou pears: effect of maturity, fruit calcium, and propylene on ripening responses.
- 2511 **Johnson, Lori K.** Characteristics of ice nucleation in potato leaves.
- 2512 **Kuehn, Michael.** Kuehn, Michael. Screening Phaseolus cultivars for resistance to white mold disease caused by *Sclerotinia sclerotiorum* (Lib.) de Bary.
- 2513 **Rebhuhn, Mark Keith.** Characterization of harvestable maturity development in roses.
- 2514 **Sewall, Cathy Hampshire.** Genetic relationships between pea seedborne mosaic virus resistance and horticultural characteristics, powdery mildew, enation mosaic virus and red clover vein mosaic virus resistance in *Pisum sativum* L..
- 2515 **Sumaryono** Differential tolerance of woody nursery crop seedlings to napropamide.
- 2516 **Wilson, William D. (William Donald).** Response of 'Pinot noir' grapevines to a perennial ryegrass cover crop and irrigation in the Willamette Valley.

Horticulture—MASTERS 1987

- 2517 **Alkoshab, Othman.** An evaluation of the Diagnosis and Recommendation Integrated System (DRIS) on hazelnuts (*Corylus avellana*) in Oregon.
- 2518 **Anderson, Wendy (Wendy Lee).** Effects of cultural practices on the yield and vitamin C content of broccoli.
- 2519 **Cascante Herrera, Xenia.** Influence of ethylene treatments or ethephon dips on bulbous iris forcing.
- 2520 **Conway, Flaxen D. L.** Storage time effects on quality of fresh-market red raspberries.
- 2521 **Guo, Wei Wen.** Development of the alt mutant of *Pisum sativum*.
- 2522 **Meddouri, Messaoud.** Effect of crop load on mineral uptake and partitioning in D'Anjou pears.
- 2523 **Riggs, Dale Ila Miles.** The effect of soil applied boron on fruit deformity, yield and boron partitioning in "Tristar" and "Benton" strawberries.
- 2524 **Siller-Cepeda, Jorge H.** Effect of several apple rootstocks on growth, yield components and leaf area estimates on "Starkspur Supreme Delicious" trees.
- 2525 **Wiles, Lori Jeannine.** Managing growth and competition of a perennial ryegrass (*Lolium perenne* L.) living mulch in a vegetable cropping system.
- 2526 **Yau, Peng Yam.** Sexual and asexual propagation of *Rubus*.

Horticulture—MASTERS 1988

- 2527 **Craddock, W. James Hill.** Cryopreservation of pollen.
- 2528 **Curtis, Daniel W.** Differences between mineral analyses from cork spotted and extra fancy 'Anjou' pear fruit.
- 2529 **DeFrancesco, Joseph T.** Effects of nitrogen and storage time on the quality of highbush blueberry fruit.
- 2530 **Gardea, Alfonso A.** Freeze damage of Pinot Noir (*Vitis vinifera* L.) as affected by bud development, INA-bacteria, and a bacterial inhibitor.
- 2531 **Graham, Mary Beth.** Management effects on water use and cabbage (*Brassica oleracea*) yield in a perennial ryegrass (*Lolium perenne*) living mulch.
- 2532 **Gu, Sanliang.** Effect of crop density on vegetative and fruit growth and on mineral status in Nijiseiki pear (*Pyrus pyrifolia*).
- 2533 **Mhaka, Amon Gwaziva.** Effects of planting bush beans (*Phaseolus vulgaris* L.) in single or double rows.
- 2534 **Rinehold, John W.** Beans, cabbage, and sugar beets in a chemically suppressed sod of Manhattan II perennial ryegrass.

- 2535 **Schroeder, Jan-Marie.** Population dynamics, distribution, and control of nematodes in highbush blueberries.
- 2536 **Schuttler, Patti L.** Early macronutrient uptake and partitioning in *Glycine max* L. Merr.
- 2537 **Tan, Siyuan.** Vineyard floor vegetation management and mineral nutrient competition in grapes.

Horticulture—MASTERS 1989

- 2538 **Doty, Jean A.** Water use of cool season grasses and their effect on grapevine (*Vitis vinifera*) growth and development.
- 2539 **Guo, Mei.** Isozyme banding patterns and embryo development in interspecific crosses of *Phaseolus*.
- 2540 **Kasimor, Kathryn T.** Inheritance of resistance to the lentil strain of pea seedborne mosaic virus in *Pisum sativum* L.
- 2541 **Martin, Ruth C.** Identification of cytokinin reductase in *Phaseolus* embryos.
- 2542 **Murray, Helene.** Managing water use and growth of a perennial ryegrass living mulch in Christmas trees.
- 2543 **Sabja, Ana Maria.** Seed and embryo development in pod culture of *Phaseolus vulgaris* and *P. vulgaris* x *P. acutifolius*.
- 2544 **Thomasson, James E.** Effects of tillage-induced soil compaction on carrot seedlings emergence and yield.
- 2545 **Wieneche, David L.** Annual bluegrass (*Poa annua* L.) control with ethofumesate during turfgrass establishment.
- 2546 **Zhang, Qi. (Qi Qun).** The influence of parents, mating systems, and planting date on the transfer of gynoeious flowering to Chinese cucumbers (*Cucumis sativus* L.).
- 2547 **Zhen, Liping.** Hydrogen cyanamide on triphenyltetrazolium chloride reduction, sulfhydryl group binding, and catalase activity in bromegrass (*Bromus inermis* Leys) cells.

Horticulture—MASTERS 1990

- 2548 **Bassil, Nahla V.** Propagation of filbert (*Corylus avellana* L.) and Douglas-fir (*Pseudotsuga menziesii* Mirb.Franco) using *Agrobacterium* rhizogenes.
- 2549 **Chilanga, Thomson G.** Relationships of sweet corn (*Zea mays* L.) and cabbage (*Brassica oleracea* var *capitata* L.) growing in mixed stands using the addition series approach.
- 2550 **Coyné, Clarice Jean.** In vitro culture of *Coffea* species.
- 2551 **Eskelsen, Steven R.** The volatility of clomazone as affected by soil moisture and temperature.
- 2552 **Gonzalez-Caldwell, Sandra.** Rooting of pear hardwood cuttings using VA mycorrhizal fungi, *Agrobacterium* rhizogenes and rooting hormones.
- 2553 **Iapichino, Giovanni.** Micropropagation and in vitro plant regeneration of rhododendrons.

Horticulture—MASTERS 1991

- 2554 **Brenner, Loretta K.** Chemical suppression of a perennial ryegrass (*Lolium perenne*) living mulch and influence of ground cover management on growth of 'Chardonnay' wine grapes (*Vitis vinifera*) and Douglas fir Christmas trees (*Pseudotsuga menziesii*).
- 2555 **Chongwe, Edgar Happy.** Weed suppression in vegetables with residues of 'micah' barley (*Hordeum Vulgare* L.) and other spring cereals.
- 2556 **Ibacache, Antonio E.** Girdling and shading effects on inflorescence necrosis and rachis composition of pinot noir grapevine.
- 2557 **Krzesinska, Elzbieta Z.** Assays to determine tolerance of cherry rootstock to bacterial canker caused by *Pseudomonas syringae* pv. *syringae*.
- 2558 **Lamb, Michael J.** Influence of nitrogen form ratio and calcium on greenhouse and field performance of water-melon.

- 2559 **Ludy, Robin L.** Irrigation and plant density effects on head rot and yield of broccoli.
- 2560 **Moggia-Lucchini, Claudia E.** Storage quality of fresh blueberry and blackberry varieties and evaluation of modified atmosphere packaging.
- 2561 **Moreno-Simunovic, Yerko.** Fall applied ethephon and temperature effects on flower bud growth and ovule longevity in *Prunus domestica*.
- 2562 **Reyes, Luis Antonio.** Survey of strawberry genotypes for infection of flower tissues by *Botrytis cinerea*.
- 2563 **Sapui, Ahmad Tarmizi.** Storage quality of red raspberries, blackberries and blueberries : effects of delayed cooling and package types.
- 2564 **Valenciano Mora, Jose Roberto.** Effects of inoculations with pathogenic and beneficial microorganisms and ammonium of nitrate fertilization on Easter lily growth.
- 2565 **Zhang, Lingxiao.** Effect of date of renovation on yield components of strawberries.
- Horticulture—MASTERS 1992**
- 2566 **Creasy, Glen L.** Xylem discontinuity in *Vitis vinifera* L. berries.
- 2567 **Englert, John M.** Physiological and cultural conditions affecting postharvest handling of bare-root nursery plants.
- 2568 **Greulich, William J.** Effects of boron rates and differential irrigation on bush green beans and cauliflower.
- 2569 **Khemira, Habib.** Influence of canopy orientation on fruiting of Anjou' pears and postharvest urea spray on ovule longevity and fruit set of Comice' pears.
- 2570 **Li, Shiao Jing.** Determination of gas-Amylase activity and soluble starch content in normal and cork spotted D'Anjou' pear fruit.
- 2571 **Marion, Carol I.** Effects of nitrogen source, rate and a nitrification inhibitor on soil nitrogen status and mineral composition of strawberry.
- Horticulture—DOCTORS 1983**
- 2572 **Andersen, Peter Craig.** Effects of flooding on peach, apple, quince and several pear species.
- 2573 **Bonanno, A. Richard.** Effects of irrigation scheduling, using remotely sensed canopy-air temperature differentials, on water relations, yield, and quality of snap beans (*Phaseolus vulgaris* L.).
- 2574 **Davis, Tim D.** Influence of photosynthesis and carbohydrates on adventitious root formation by leafy cuttings.
- 2575 **Fallahi, Esmail.** Rootstock, K, and N fertilizer effects in a high density orchard on seasonal mineral elements, endogenous ethylene, maturation and storage quality of 'Starkspur Golden Delicious' apples.
- 2576 **Geddeda, Yosef Ibrahim.** Apple mycorrhizae and their effects on growth and nutrient concentration in apple seedlings grown in two soils with varied levels of P.
- 2577 **Stevens, Gordon Arthur.** Hormonal regulation of fruit set of sweet cherry (*Prunus avium* L.).
- Horticulture—DOCTORS 1984**
- 2578 **Boonyakiat, Danai.** Endogenous factors influencing decay susceptibility and quality of 'd' Anjou' pear (*Pyrus communis* L.) fruit during maturation and storage.
- 2579 **Forney, Charles F.** Sugar uptake, fruit growth and carbon partitioning in the strawberry.
- 2580 **Gustafson, Steven Wayne.** Effects of CO₂ enrichment during flowering and podfill on net photosynthesis, dry matter accumulation and yield of beans, *Phaseolus vulgaris* L..
- 2581 **Kushad, Mosbah Mohamed.** Ethylene biosynthesis : new intermediates in the regeneration of methionine in fruits.
- 2582 **Meadows, Sylvia Elise.** Phenolic acids and ethylene biosynthesis in pears during ripening and storage.
- Horticulture—DOCTORS 1985**
- 2583 **Ali, Akhtar.** Inheritance of resistance to head smut disease in maize (*Zea mays* L.).
- 2584 **Bekey, Ronald S.** Effects of method and timing of pollination and temperature on fruit development in red raspberry.
- 2585 **Detongnon, Jean.** Inheritance of stem elongation tendency in determinate forms of *Phaseolus vulgaris* (L.).
- 2586 **Hanson, Eric J.** Boron nutrition and fruit set of 'Italian' prune.
- 2587 **Montano, Jose M.** Postharvest water relations and needle abscission in cut trees of Douglas-fir (*Pseudotsuga menziesii* Mirb. Franco).
- 2588 **Pereira, Wellington.** Yellow nutsedge (*Cyperus esculentus* L.) control with herbicides: the role of tuberization.
- 2589 **Toumadje, Arazdordi.** Polyamines and ethylene biosynthesis in pears during storage and ripening.
- 2590 **Vaz, Rui Luiz.** Preharvest fruit analysis as a predictor of D'Anjou pear and Yellow Newtown apple physiological disorders, storage quality and ripening behavior.
- 2591 **Wang, Yin-Tung.** Partitioning, storage, and remobilization of photoassimilate in the Easter lily, *Lilium longiflorum*, Thunb. 'Nellie White'.
- Horticulture—DOCTORS 1986**
- 2592 **Shrestha, Gyan Kumar.** Relationship of boron to reproduction in hazelnut (*Corylus avellana* L.).
- Horticulture—DOCTORS 1987**
- 2593 **Beeson, Richard C.** The physiology of *Picea* grafts.
- 2594 **Braunworth, William S.** Irrigation scheduling methods and water use of sweet corn.
- 2595 **Nee, Cheng-chu.** Overcoming bud dormancy with hydrogen cyanamide : timing and mechanism.
- 2596 **Saamin, Shaharudin.** Radiation-induced mutations in sweet cherry, (*Prunus avium* L.) cvs Napoleon and Bing.
- Horticulture—DOCTORS 1988**
- 2597 **Crisosto, Carlos H.** The effect of ethylene manipulation on flower bud development of *Prunus persica* and *Prunus domestica* and of *Pyrus communis* ovule senescence.
- 2598 **Gerasopoulos, Dimitrios.** Differential storage temperature and duration effects on ethylene synthesis and firmness of 'Anjou' pears.
- 2599 **King, Wayne O.** Glyphosate activity as affected by spray drop size and leaf coverage.
- Horticulture—DOCTORS 1989**
- 2600 **Alkoshab, Othman.** Chilling and nutritional requirements of fruit trees in Yemen.
- 2601 **Chalker-Scott, Linda.** Relationships between endogenous phenolic compounds of rhododendron tissues and organs and cold hardiness development.
- 2602 **Harber, Renee M.** The role of ethylene in frost tolerance of *Bromus inermis* cell suspension cultures.
- 2603 **Plaisted, Douglas C.** Characterization and inheritance of low temperature germination dormancy of cucumber (*Cucumis sativus* L.).
- 2604 **Scott, James Douglas.** Sugar transport in strawberry fruit : uptake competition and developmental changes in invertase levels.

Horticulture—DOCTORS 1990

- 2605 **Bevacqua, Robert Francis.** Mineral nutrition, pyruvate kinase activity, and protein concentration in 'd'Anjou' pear fruit affected by cork spot.
- 2606 **Burkwhat, Henry Edwin.** Effects of differential irrigation and tillage-induced soil compaction on bush green beans and sweet corn.
- 2607 **Jordan, David T.** Ammonium in grapevines : seasonal levels in tissue and xylem extracts, and a tendril model system.
- 2608 **Kosittrakun, Manit.** Effects of near anaerobic storage conditions on physiology and flavor of various fruit types and on mortality of apple maggot (*Rhagoletis pomonella*).
- 2609 **Lin, Mau-Wei.** The genetic analyses of neck-rot (*Botrytis allii* Munn) resistance, pungency and soluble solids content of onion (*Allium cepa* L.).
- 2610 **McGee, Rebecca J.** Inheritance and characterization of a stringless pod mutation in peas.
- 2611 **Mirza, Adly A.** Photosynthate distribution, carbohydrate level in young pods, and viability of developing seeds in relation to abscission of reproductive structures in *Phaseolus vulgaris* L..
- 2612 **Tanino, Karen K.** Absciscic acid induction of environmental stress tolerance in plant cells.

Horticulture—DOCTORS 1991

- 2613 **Dixon, Susan C.** Characterization of cytokinin metabolic enzymes from *Phaseolus*.
- 2614 **Dolcet-Sanjuan, Ramon J.** Somatic manipulation of *Pyrus* and *Cydonia* : characterization and selection for iron efficiency.
- 2615 **Madrid, Modesto T.** Onion (*Allium cepa* L.) cultivar tolerance to bromoxynil.
- 2616 **Sanchez, Enrique E.** Nitrogen dynamics in field grown comice pears.
- 2617 **Schuch, Ursula K.** Physiology of flowering in *Coffea arabica* L. : role of growth regulators and water relations.

Horticulture—DOCTORS 1992

- 2618 **Cheng, Guiwen.** Changes in developing strawberry fruit : I. Cell division and enlargement ; and II. Biosynthesis of anthocyanins and other phenolics and activity of associated enzymes.
- 2619 **Gardea, Alfonso A.** Water partitioning and respiration activity of dormant grape buds.
- 2620 **Gu, Sanliang.** Relationships of ammonium and nitrate status with inflorescence necrosis in 'Pinot noir' grapevines.
- 2621 **Shirazi, Abbas M.** Relationship of "near-lethal" stress on dormancy, cold hardiness and recovery of Red-Osier dogwood.
- 2622 **Siller-Cepeda, Jorge H.** The role of glutathione in the development and release of rest on 'Redhaven' peaches.
- 2623 **Zhang, Qi (Qi Qun).** New male sterile mutant in cucumber (*Cucumis sativus* L.) : inheritance, genetic relationship to other mutants and sex types, and response to chemical and environmental factors.

Human Development and Family Studies—MASTERS 1983

- 2624 **Furneaux, NoelAnnette.** Parental attitudes toward fathering and fathers' involvement with infants.

Human Development and Family Studies—MASTERS 1984

- 2625 **Emery, Beth C.** Factors contributing to violence in dating relationships.
- 2626 **Wilson, Barbara G.** The effects of a health education program on children's health knowledge and reactions to routine health care.

Human Development and Family Studies—MASTERS 1985

- 2627 **Lange, Sandra L.** Gender-role orientation as a predictor of marital quality.

Human Development and Family Studies—MASTERS 1986

- 2628 **Aubuchon, Ann T.** Parental stress related to the interaction of Type A and Type B behavior patterns of the parent and preschool child.
- 2629 **Del Real, Carmen.** The effects of paralysis and oligohydramnios on morphological and behavioral characteristics of the rat fetus in utero.

Human Development and Family Studies—MASTERS 1987

- 2630 **Guiles-Fellez, Cynthia Lynn.** Changes in the self-esteem, parental attitude, and generalized contentment among teen mothers enrolled in a parent program.
- 2631 **Jones, Laura Lynn.** Factors related to the use of pediatricians as resources for child behavior problems.
- 2632 **Pennington, Darren C.** Parents' social expectations as correlates of children's peer relations.

Human Development and Family Studies—MASTERS 1988

- 2633 **Zengerle, Petra Anna.** The sibling dyad : a mutual perspective of their relationship.

Human Development and Family Studies—MASTERS 1989

- 2634 **Adduci, Virginia.** Career participation or termination : perceptions and attitudes of women in dual-career families.

Human Development and Family Studies—MASTERS 1990

- 2635 **Madden, Glenda L.** Caring for the caregiver : an extension program evaluation.

Human Development and Family Studies—MASTERS 1991

- 2636 **Coughlin, Chris.** Family influences on adolescent drug relapse : follow-up study of a treatment population.
- 2637 **Goward, Eleanor L.** The closest friendships of adult women : a family life cycle approach.
- 2638 **Leier, Elaine M.** Influence strategies used during work and family decisions : their connection to decision and marital satisfaction.
- 2639 **Palmer, Diane J.** Self-care training for school age children : an impact study of parenting and employment.
- 2640 **Sorte, Joanne Godard.** The relationship of child temperament and maternal behavior to the child's self-esteem.

Human Development and Family Studies—MASTERS 1992

- 2641 **Keefe, Margaret A.** The connection between maltreatment and adolescent drug abuse.
- 2642 **Miring'u, Lucy N.** (Home Economics) In-service training needs of nutrition field workers and community nutrition technicians in Kiambu District in Kenya.
- 2643 **Olszewski, Mary Elizabeth.** Impact of parental divorce on delinquent behavior and psychosocial development in early adolescents : the moderating effects of social support, self-esteem, and locus of control.
- 2644 **Schmiege, Cynthia J.** Stress among working women : an examination of family structure, occupational status, and workplace relationships.

Human Development and Family Studies—DOCTORS 1983

- 2645 **Brandt-Erichsen, Joan.** An integrated approach to financial crisis management : a study of social, family, and personal resources unique to individuals in a financial crisis situation.
- 2646 **Christopher, F.Scott.** The interrelatedness of sexual intimacy and relationship development.

- 2647 **Davis, Shari.** Impact of a sex education workshop on mothers' responses to children's sexual questions and behaviors.
- 2648 **Koval, James E.** Development of a typology of premarital relationship models.
- 2649 **Lindauer, Shelley Lynne Knudsen.** Parental stereotypes and children's memory for story content.
- 2650 **Lloyd, SallyAnne.** A typological description of premarital relationship dissolution.

Human Development and Family Studies—DOCTORS 1984

- 2651 **Ponzetti, James Joseph.** The divorce process : toward a typology of marital dissolution.

Human Development and Family Studies—DOCTORS 1985

- 2652 **Tomlinson, Patricia Short.** Personal, interpersonal and infant characteristics as predictors of marital satisfaction during the transition to parenthood.
- 2653 **Wright, Cheryl.** The relationship between self-reported stress and coping strategies during early parenting.

Human Development and Family Studies—DOCTORS 1986

- 2654 **Arroyo, Aline Asa.** A scale of student teaching concerns for use with early childhood education teacher trainees.
- 2655 **Cho, Bokhee.** Parental attitudes, home environment, and the cognitive ability of Korean kindergarten children.
- 2656 **Conger, John D.** Predictors of commitment to a dual-work lifestyle in pre-dual-work couples.
- 2657 **Doescher, Susan M.** Impact of prosocial classroom and home learning programs on preschool children's prosocial behavior.
- 2658 **Hare, Janette M.** Selected factors impacting burnout in professional and paraprofessional caregivers in acute care and long-term health care facilities.
- 2659 **Kozick, Stephanie A.** Preoperational spatial representation among preschool children in small-scale space.
- 2660 **Wright, Scott D.** The relationship of personal and social resources on coping and individual well-being in caregivers of dementia patients.

Human Development and Family Studies—DOCTORS 1987

- 2661 **Bullock, Janis R.** Family environment, adult psychosocial competence, parental acceptance, and social competence in children's peer relations.
- 2662 **Cunningham, Bruce.** Factors contributing to preservice teachers' choice of strategies to manage problem behaviors.

Human Development and Family Studies—DOCTORS 1988

- 2663 **Bailey, Cindee.** Exposure of preschool children to companion animals : impact on role-taking skills.
- 2664 **Emery, Beth C.** Factors affecting attitudes toward premarital violence.
- 2665 **Guss, Thomas O.** Underemployed husbands : a profile of hardship and assessment of marital and personal qualities.
- 2666 **Long, Edgar Charles John.** Perspective-taking as a determinant of marital adjustment and propensity to divorce.

Human Development and Family Studies—DOCTORS 1989

- 2667 **Ladd, Linda Darmer.** Differences between young adult perceptions of family environment, family values, sexual behavior, sexual attitudes and attitude toward divorce by gender and family type.
- 2668 **Lin, Kowhe Sophia.** Parental contributions to aspects of ethnic development among four- and seven-year-old Chinese-American children.

- 2669 **McSkimming, Sylvia.** The relationship of maternal and infant variables to maternal sensitivity and responsiveness during feedings of the hospitalized neonate.
- 2670 **Severeide, Rebecca C.** The effect of equipment structure on the creative thinking of young children in a problem solving situation.

Human Development and Family Studies—DOCTORS 1990

- 2671 **Bird, David Nelson.** The impact of perceptions of work/family overlap and objective work/family characteristics on marital satisfaction of physicians and their spouses.
- 2672 **Loyer-Carlson, Vicki L.** Causal attributions and the dissolution of casual-dating relationships.
- 2673 **Martell, Louise Kelly.** Perceptions about mother-daughter relationships during daughters' childbearing.
- 2674 **Pennington, Darren C.** The influence of changing college workload on dating couples' activities and relationship satisfaction.
- 2675 **Shin, Hwa-Yong.** The influence of age stratification on motives for and outcomes of caregiving in mothers and daughters.

Human Development and Family Studies—DOCTORS 1991

- 2676 **Boehne, Rebecca E.** Relationships among health and demographic characteristics, latitude of choice, and elderly hospitalized patient adjustment.
- 2677 **Boucher, Barbara H.** Preschool children's motor development and perceived competence.

Human Development and Family Studies—DOCTORS 1992

- 2678 **Oppy, Nancy Chun.** Contribution of perceived social support from close family and background characteristics to the well-being of women providing care to dependent mothers.
- 2679 **Shankar, Ila.** Attitude-behavior fit in preschool peer relations : configurations of sociometry and social participation.

Human Performance see also —Exercise and Sport Science

Human Performance—MASTERS 1990

- 2680 **Zhu, Gaoyong.** The effect of various breathing maneuvers on measurement of lung volumes for hydrostatic weighing.

Human Performance—MASTERS 1992

- 2681 **Gately, Jeanne E.** Effect of intervention strategies on specific verbal feedback of volunteers and its secondary effect on qualitative motor performance.
- 2682 **Heil, Daniel P.** The effect of seat-tube angle variation on cardiorespiratory responses during submaximal bicycling.
- 2683 **Waibler, Max.** The effects of carbonated beverages on arterial oxygen saturation, serum hemoglobin concentration and maximal oxygen consumption.

Human Performance—DOCTORS 1990

- 2684 **Climstein, Mike.** Myocardial structure and function differences between steroid using and non-steroid using elite powerlifters and endurance athletes.
- 2685 **Rintala, Pauli Olavi.** Validation of a cardiorespiratory fitness test for men with mental retardation.

Human Performance—DOCTORS 1991

- 2686 **Heath, Edward M.** Effects of nicotinic acid on respiratory exchange ratio and blood-borne substrate levels during exercise.

- 2687 **Kim, Hyung Don.** Differential effects of strength training and endurance training on parameters related to resistance to gravitational forces.
- 2688 **Lee, Young-soo.** The acute effects of moderate intensity circuit weight training on lipid-lipoprotein profiles.

Human Performance—DOCTORS 1992

- 2689 **Chen, Kun-ning.** The relationship between optimal pedaling cadence and the isokinetic contractile properties of the quadriceps.
- 2690 **Suphawibul, Mayuree.** Competencies for adapted physical educators in Thailand.

Industrial and Manufacturing Engineering see also—Industrial Engineering

Industrial and Manufacturing Engineering—MASTERS 1991

- 2691 **Baxter, Lori K.** Truncation rules in simulation analysis : effect of batch size, time scale and input distribution on the application of Schriber's rule.
- 2692 **Song, Zhao-ming.** Package inspection with a machine vision system.

Industrial and Manufacturing Engineering—MASTERS 1992

- 2693 **Juwono, Cynthia P.** Heuristic algorithm for multistage scheduling in food processing industry.
- 2694 **McGregor, Donald R.** An interactive object-oriented system for discrete simulation modeling and analysis.
- 2695 **Nam, Sang-jin.** Grid search based production switching heuristic for aggregate production planning.
- 2696 **Saleh, Budiman.** Steady-state analysis in simulation : an application of Schriber's truncation rule to complex queueing systems.
- 2697 **White, Stephen James.** Managing urban development : a simulation approach for coping with change at a municipal parking structure.

Industrial and Manufacturing Engineering—DOCTORS 1991

- 2698 **Kim, Sunuk.** Schedule-based material requirements planning : an artificial intelligence approach.
- 2699 **Routledge, Garry L.** A paradigmatic framework for flight safety.

Industrial and Manufacturing Engineering—DOCTORS 1992

- 2700 **Sitompul, Darwin.** Design and implementation of a heuristic-based decision support system for nurse scheduling.

Industrial Engineering see also—Industrial and Manufacturing Engineering

Industrial Engineering—MASTERS 1983

- 2701 **Martinez, Maria Elena.** Simulation of a Broiler Breeder Farm.

Industrial Engineering—MASTERS 1984

- 2702 **Kim, JooHee.** Determination of minimum operating cost for a multiple-item constrained inventory.

Industrial Engineering—MASTERS 1985

- 2703 **Holla, Krishnaraja R.** An experimental evaluation of two process control displays.
- 2704 **Jarvis, Jay M.** Optimal product layout in an order picking warehouse.

- 2705 **Schild, Eric R.** A feasibility study of a computer-assisted plywood production scheduling system.
- 2706 **Vora, Younus.** Dynamic simulation of robot manipulators.

Industrial Engineering—MASTERS 1986

- 2707 **Chou, Chung-di.** The effect of uncertainty representation on information integration performance in a simulated ocean surveillance task.
- 2708 **Jonatansson, Elias.** A network simulation model of a fish processing plant.
- 2709 **Long, Linda C.** Service assessment matrix.
- 2710 **Ruhio, Eduardo A.** The managerial productivity diagnostic: an audit of managerial practices.
- 2711 **Sylvester, Lancelot G.** A computerized approach to finding the minimum sample size for single sample attribute sampling plans.

Industrial Engineering—MASTERS 1987

- 2712 **Ben-Mahmud, Youssef S.** The effect of warehouse layout on order-picking efficiency.
- 2713 **Chokethaworn, Nantawong.** An economic comparison of X[bar], cumulative sum and geometric moving average control charts for controlling process mean.
- 2714 **Chung, Young-gyo.** An animated simulation model for a transtainer based container handling facility.
- 2715 **Grinde, Roger B.** Evaluation of the limit number effects for reduced inspection in ANSI/ASQC Z1.4 using a Markov model.
- 2716 **Lee, Seouk Joo.** A flexible manufacturing system simulator.

Industrial Engineering—MASTERS 1988

- 2717 **Wiese, Christoph.** Simulation of mechanized log harvesting systems.

Industrial Engineering—MASTERS 1989

- 2718 **Al-Agha, Osama K.** The development of productivity interfirm comparison procedures for the cement industry of Saudi Arabia.
- 2719 **Jahs, Lorelle B.** A human factors analysis of the occupational safety and health of public transit bus drivers.
- 2720 **Mechling, Ann M.** A simulation based decision support system for resource planning.
- 2721 **Moss, J. Alexander.** Performance and graphics enhancement of the LOGSIM mechanized log harvesting system simulator.

Industrial Engineering—MASTERS 1990

- 2722 **Pendakur, Ramesh.** A microcomputer-based information management and production planning system : an application in discrete parts manufacturing.
- 2723 **Wang, Wen-tsao.** Evaluation of scheduling rules for single- and dual-dock automated storage/retrieval system.

Industrial Engineering—MASTERS 1991

- 2724 **Scott, Thomas M. (Thomas Matthew).** Design of an object-oriented paradigm for model generation: an application in timber harvesting.

Industrial Engineering—MASTERS 1992

- 2725 **Chen, Hsueh-Jen.** Design and implementation of a system for integrating material and process selection in automated manufacturing.
- 2726 **Shroff, Raj N.** Simulation-based design evaluation of automated storage/retrieval systems.

Industrial Engineering—DOCTORS 1983

- 2727 **Park, Tongkyu.** Productivity interfirm comparison : methodologies with a special application to the Northwest food processors.
- 2728 **Sohn, Sangwon.** A multiple criteria Markovian Decision Process.
- 2729 **Taracena, Fernando L.** A Bayesian analysis for economic design of single sampling plans for a sequence of lots.

Industrial Engineering—DOCTORS 1987

- 2730 **Al-haboubi, Muhammad H.** The physiological effect of posture on cycling.

Industrial Engineering—DOCTORS 1989

- 2731 **Kang, Hee Jung.** Multiobjective decision making in industrial energy and environmental planning.
- 2732 **Kim, Joohee.** An expert system for flexible manufacturing system scheduling : knowledge acquisition and development.
- 2733 **Mills, Nancy L.** A systematic approach to multi-criteria site selection with an analysis of weight sensitivity.

Industrial Engineering—DOCTORS 1991

- 2734 **Saremi, Ahmad Reza.** Determination of human visual capabilities in the identification of the color of highway signs under a combination of vehicle headlamp and high intensity discharge light sources.

Industrial Engineering—DOCTORS 1992

- 2735 **Azimi-Zonooz, Aydeen.** A power comparison of mutual fund timing and selectivity models under varying portfolio and market conditions.
- 2736 **Chou, Chung-di.** Cockpit task management errors : a design issue for intelligent pilot-vehicle interfaces.

Interdisciplinary Studies—MASTERS 1983

- 2737 **Doyle, Judith Helene.** Desegregation, integration and the charter of Portland Public Schools.
- 2738 **Fuhr-Dunn, Susan D.** Factors in the selection of home birth a comparative study of birthing alternatives in western Oregon.
- 2739 **Harris, Richard Lee.** Evaluating methods for measuring visitor perceptions of ecological impacts at wilderness campsites.
- 2740 **Hart, Dianne Walta.** Contrastive analysis in second-language teaching : Spanish suprasegmentals.
- 2741 **Johnson, Patricia White.** Dress and acculturation among the Russian Old Believers in Oregon.
- 2742 **Lebow, Clayton Gale.** Plowzone archaeology : the analysis of site 35JA85, Jackson County, Oregon.
- 2743 **Lewis, Mary J.** Conditions in the Oregon commercial fishery based on the salmon, crab and shrimp industries from 1967 to 1980.
- 2744 **Piepmeier, Karen Swanson.** An evaluation of using the spiral model to teach media at Oregon State University.
- 2745 **Rebillet, S. J.** Cultural integrity and marginality along the South Fork of the Salmon River, Idaho.
- 2746 **Starr, Karen J.** The cultural significance of mountain regions: implications for the Calapooya Divide, Oregon.
- 2747 **Woods, Elizabeth A.** Reward allocation behavior as a function of psychological gender and biological sex : a study of advance[d] business students.
- 2748 **Yatani, Choichiro.** Attitudes toward political participation and preference for violence.
- 2749 **Zontek, Terry.** Aboriginal fishing at Seal Rock (35-LC-14) and Neptune (35-LA-3) : late-prehistoric archaeological sites on the central Oregon coast.

Interdisciplinary Studies—MASTERS 1984

- 2750 **Chapman, Judith A. Sanders.** Willamette Mission archeological project : phase III assessment.
- 2751 **Churchill, Thomas E.** Inner bark utilization : a Nez Perce example.
- 2752 **Gray, Nancy L.** An interdisciplinary assessment of current pesticide management practices in the Caribbean region.
- 2753 **Pobsook, Thanitthar.** Sex stereotypes in Thai elementary school textbooks.
- 2754 **Read, Richard Thomas.** Institutionalizing science in Oregon : the role of the Oregon State Academy of Sciences, 1905-1914.
- 2755 **Robertson, Robert A.** The natural history of public works development.
- 2756 **Simmons-Rogers, Alexandra L.** Red light ladies : settlement patterns and material culture on the frontier.
- 2757 **Weber, Mary Kathryn.** Willamette Mission archaeological project : phase III assessment.

Interdisciplinary Studies—MASTERS 1985

- 2758 **DeAngelis, Lauren Anne.** An investigation of views of selected physicians regarding the importance of corporate executive fitness programs.
- 2759 **Hansen, Laura S.** Inter-test comparison of three preschool language tests: SICD, PLS, and PPVT-R.
- 2760 **Schneider, Evan G.** The changing cultural ecology of the Warwar Valley, 1948-1980.
- 2761 **Sisson, David A.** Lower Salmon River cultural resource management plan.

Interdisciplinary Studies—MASTERS 1986

- 2762 **Gray, Dennis J.** The Takelma and their Athapascan kin: an ethnographic synthesis of southwestern Oregon.
- 2763 **Griffin, Dennis.** Prehistoric utilization of thermal springs in the Pacific Northwest.
- 2764 **Harburg, William A.** The development of astronomy in the United States prior to 1900.
- 2765 **Lee, Eugene C. (Eugene Carlton).** Prehistoric culture diffusion in the Gran Chichimeca.
- 2766 **Rachele, Ronni V.** Processing of indirect requests: use of a secondary task to reveal changes of interpretation due to context.
- 2767 **Schmitt, Dave N.** Zooarchaeological and taphonomic investigations of site 35JA42, upper Applegate River, southwestern Oregon.
- 2768 **Shearman, Nancy Walker.** An inquiry into attitudes toward professional women: Rotary and Zonta Club members.
- 2769 **Yamaguchi, Shinobu Yume.** High-context and low-context cultures: value system variations for American and Japanese university students and their resultant communication patterns.

Interdisciplinary Studies—MASTERS 1987

- 2770 **Abusaidi, Ali.** Log cabin construction techniques in western Siskiyou County, 1850-1935 : their function and ethnic origins.
- 2771 **Al-Madani, Mohamed E.** Super rockets : a case study of illicit drug use in Jeddah, Saudi Arabia.
- 2772 **Betz, Virginia Marie.** Measurement and meaning of archaeological diversity.
- 2773 **Fillible, Rodney K.** A study of the demagoguery of Joseph Smith, Jr..
- 2774 **Gray, Pamela S.** The effects of rise-time and frequency on the auditory brainstem response using high-frequency tonebursts.

- 2775 **Green, Phillip C. (Phillip Cody).** A classification of stone features and an examination of their positional attributes.
- 2776 **Harty, Robert A. (Robert Alvin).** A comparative analysis of aggression by active male participants in intramural and open recreation basketball at Oregon State University.
- 2777 **Havercroft, Francine M.** Subsistence variability in the Willamette Valley.
- 2778 **Morita, Sally J.** Technological progress, disacculturation, and our public schools.
- 2779 **Nicholls, Lou Ann.** Champoeg, a perspective of a frontier community in Oregon, 1830-1861.
- 2780 **Rahmun, Lindsay.** Communication styles used by male and female executives to handle conflict with subordinates.
- 2781 **Smith, Deilla A.** Emergence of the Oregon State Parks : a trailer on the highway system.
- 2782 **Thomison, Patrick.** When Celilo was Celilo : an analysis of salmon use during the past 11,000 years in the Columbia Plateau.
- 2783 **Tisdale, Lucille.** The Tlegetlinten Site (35CU59) and its place in southwest Oregon prehistory.
- 2784 **Wetle, Victoria L.** The application of John Rawls' principles of justice to health care distribution in the United States.

Interdisciplinary Studies—MASTERS 1988

- 2785 **Caday, Peter P.** Cultural evolution and small-scale farming.
- 2786 **Kulthongkham, Sukkarnya.** Competencies of informational speaking as perceived by selected American and Thai speech professors.
- 2787 **Matz, Stephan E.** The effects of the Mazama tephra-falls : a geoarchaeological approach.
- 2788 **Schreindorfer, Crystal Salvas.** Archaeological investigations at the Marial site (35CU84), Curry County, Oregon.
- 2789 **Tobey, Toni K.** The rhetorical dynamics of culture : an interdisciplinary approach to a synthesis between rhetoric and culture.
- 2790 **Vee, Regina M.** Attitudes toward surrogate mothering theory and measurement.

Interdisciplinary Studies—MASTERS 1989

- 2791 **Allen, Daniel P.** Predicting in situ hearing aid reponse from pure tone hearing tests and ear canal resonance.
- 2792 **Bennett, Ann C.** Whale Cove (35LNC60) : an archaeological investigation on the central Oregon coast.
- 2793 **Clark, Linda Ann.** Archaeological investigations at the Seal Rock site, 35LNC14 : a late prehistoric shell midden located on the central Oregon coast.
- 2794 **Ishikawa, Sally Jo.** A methodology for analysis of historic textiles Ancon, Peru.
- 2795 **Lindberg-Muir, Catherine.** Obsidian, archaeological implication for the central Oregon Cascades.
- 2796 **Martin, Larry G.** A comparative study of two methods for measuring attenuation values of personal hearing protection devices.
- 2797 **McFarland, Janine Ruth.** An analysis of two post-Mazama prehistoric flaked stone scatters in the upper Deschutes River basin of central Oregon.
- 2798 **Olufson, Loreen C.** An investigation of ethnocentrism, its elements, factors affecting its intensity, and implications for cross-cultural activities.
- 2799 **Price, Mark.** Trials of form : two essays on various selves.
- 2800 **Qi, Xiaoping.** Change in some aspects of Chinese core values, 1978-1988.

Interdisciplinary Studies—MASTERS 1990

- 2801 **Browning, Richard L.** Rosa Gonzalez Gomez : a Mexican woman's story.
- 2802 **Burns, Robert N.** Counseling.
- 2803 **Carman, Carol J.** Sweatlodge participation among Nez Perce women.
- 2804 **Cole, Madeline L.** Megascopic plant remains from three housepits along the Applegate River, southwest Oregon.
- 2805 **Cummings, Katherine H.** Exiles and rebels : women in the American left 1900-1920.
- 2806 **Earl-Taylor, Michael A.** British policies toward Palestine.
- 2807 **Hitchcock, Romi C.** The impact of a relaxation exercise on communication apprehension in the classroom.
- 2808 **Leland, Ronald Wayne.** A comparison of client follow-up and selected components of weight control programs managed by dietitians and nondietitians in Oregon.
- 2809 **Maier, Pamela M.** An examination of terminal and instrumental values of selected Oregon State University students majoring in speech communication.
- 2810 **McKee, Mollie A.** An empirical investigation of critical thinking, dogmatism, and gender.
- 2811 **Tobery, James R.** An analysis of the relationship between corporate sponsorship and intramural event participation.
- 2812 **Tombropoulos, Charles B.** Off-shore oil exploration in the Arctic Ocean a comparative analysis of newspaper information and public attitude.
- 2813 **Van Kessel, Jeanette M.** Physicians' attitudes toward hearing aids.

Interdisciplinary Studies—MASTERS 1991

- 2814 **Bober, Pete.** Cooperation and coordination between interdependent organizations : job training partnership agencies and Oregon employment division local offices.
- 2815 **Brookhyser, Ann L.** The roles and responsibilities of museum boards of directors, and an investigation of the perceptions of these roles in small history museums in Oregon.
- 2816 **Butcher, Karyle S.** The works progress administration in Oregon : an administrative overview.
- 2817 **Gard, Howard A.** The role of southern Oregon's coastal islands in prehistoric subsistence.
- 2818 **Glenn, Judith A.** An assessment and comparison of resources and services available in men's and women's state prison libraries.
- 2819 **Ishida, Etsuko.** World minded attitudes of Japanese college students in Japan and in the United States.
- 2820 **Johnson, Wendy L. (Wendy Louise).** Emily Dickinson : sensibility against rational religion.
- 2821 **Knotts, L. William.** Inside, Outside : light and dark.
- 2822 **Lindsay, Lee W.** Development of a bone artifact typology for the Oregon coast.
- 2823 **Loshbaugh, Robert B.** Gandydancing : a Nebraska education.
- 2824 **Miranda, Pamela C.** Eternal years : religion, psychology, and sexuality in the art of Emily Bronte.
- 2825 **Pool, Marilen A.** Museums and tourism : on the Oregon coast.
- 2826 **Roberts, Nancy A.** Families on the move : the Powledge family of Meriwether County, Georgia 1820-1900.

Interdisciplinary Studies—MASTERS 1992

- 2827 **Andrews, Cheri L.** Victory in Vietnam Committee's Manichean rhetoric : an analysis of the campaign to recall Idaho Senator Frank Church.

- 2828 **Firmin, Mary Ann.** Brenda Ueland : early feminist and writing theorist.
- 2829 **Goetz, Kathryn W.** Spousal violence : an exploration of the interrelationships of fundamentals protestant discourse, women's economic dependency and violent conflict in marital relationships.
- 2830 **Hamilton, Susan E. Maier.** Sarah Grimke's rhetoric for empowerment : her life and letters.
- 2831 **Jiang, Hongyi.** The Va : traditional culture and modernization of a minority nationality in China.
- 2832 **Kishiyama, Shirley S.** Narcolepsy : an interdisciplinary approach.
- 2833 **Krishnamurthy, Ramesh.** Vocalization patterns of captive Francois langurs (Presbytis francoisi).
- 2834 **Krivak, Brenda M.** Effectiveness of computerized communication treatment for neurologically impaired adults.
- 2835 **Mace, Mariana L.** Plains Indian decorated saddle blankets : development of an innovative art form.
- 2836 **Reynolds, Kristy.** Communication climate in a health care setting : a case study.
- 2837 **Shimizu, Mami.** Male and female American and Japanese perceptions of close friendship.
- 2838 **Smith, Jonathan V.** The cross and the spiral : a contemplative model of human development for prayerful parenting.
- 2839 **Stockton, Judith D.** Rhetorical analysis of feminist critics' references to Virginia Woolf.
- 2840 **Su, Wan.** Insights into Chinese youth culture : a comparison of personal values of Chinese and American college students.
- 2841 **Talmage, Catherine.** An analysis of the relationship between sustainable development and U. S. petroleum policy.
- 2842 **Tissot, Susan Gaughan.** Visitor behavior at the Mark O. Hatfield Marine Science Center aquarium.
- 2843 **Van Devellder, Pamela A.** Re-viewing literacy : a language arts teacher's perspective.
- 2844 **Vondracek, Julie A.** Earth First! : an ethnography of communication.
- 2845 **Watkins, Deane A.** Josephine E. Powell's contributions to Middle Eastern cross-cultural understanding : a preliminary study of a photographer and textile researcher, 1960-1990.
- 2846 **West, Rex Alan.** Art of noticing : an essay on contemporary ecological writing.
- 2847 **Zimmerman, Anne H.** Differential processing of emotionally laden cues in adult children of alcoholics and controls.

Mathematics—MASTERS 1983

- 2848 **Sologuren P., Santiago.** Systems of incongruences in a proof on addition mod m.

Mathematics—MASTERS 1984

- 2849 **Vlassis, Nicholas C.** Nonlinear stability of Couette flows of micropolar fluids.

Mathematics—MASTERS 1985

- 2850 **Dougherty, Anne M.** Relative rigidity in abstract Witt rings.
- 2851 **Glaffig, Clemens H.** Gibbs states and correlation.

Mathematics—MASTERS 1986

- 2852 **Moussaoui, Ahmed.** Real roots of polynomials: an interactive computer approach.

Mathematics—MASTERS 1987

- 2853 **Maurer, Roger J. (Roger Joseph).** A survey of linear programming algorithms.

Mathematics—MASTERS 1988

- 2854 **Moore-Mueller, Laura J.** The effects of nonlinearity, viscosity, and temperature in Burgers' equation.

Mathematics—MASTERS 1989

- 2855 **Doll, Helmut, (Helmut Richard).** A survey of combinatorial link invariants and their application to link tabulations.
- 2856 **King, Paul E., (Paul Everson)** Electro-magneto-hydrodynamics : the processes of electric arc steelmaking.
- 2857 **Kumazawa, Makoto.** Acceleration waves in micropolar elastic media and formation of shear bands.
- 2858 **Lekhyananda, Suravate.** The homology of de Rahm currents.
- 2859 **Minei, Marvin.** An analysis of accuracy of finite difference and finite element methods for the wave equation.

Mathematics—MASTERS 1990

- 2860 **Cooper, Julia M.** Time dependent wavemaker problem for linear waves.
- 2861 **Green, Dale E.** Existence of small zero-sum subsets of large sets of residue classes.
- 2862 **Ivey, Kathy M.C.** Uses of microcomputers to enhance precalculus mathematics.
- 2863 **Owen, Amy M.** The nonlinear wavemaker problem.
- 2864 **Perlot, Martin.** The suppression of learning at the hidden units of neural networks.
- 2865 **Wang, Xi.** On a class of singular integrals.
- 2866 **Warren, Andrew Howard.** An investigation in size reduction in neural networks.

Mathematics—MASTERS 1991

- 2867 **Klute, Annette.** Real algebraic geometry and the Pierce-Birkhoff conjecture.
- 2868 **Peckham, Scott.** Stochastic geometry with applications to river networks.
- 2869 **Tieman, Henry William.** A computer subroutine for the numerical solution of nonlinear Fredholm equations.
- 2870 **Tuen, Tuen.** Characterization of the best approximations by classic cubic splines.

Mathematics—MASTERS 1992

- 2871 **Gilliland, Crystal L.** Waves and fractals.

Mathematics—DOCTORS 1983

- 2872 **Bashir, Mohommed.** Zero-rest-mass fields from the formula of a tube in complex projective three-space.
- 2873 **Gerlach, Jürgen.** A free boundary value problem for the gas dynamic equations.
- 2874 **Mohamed, Fouad Abd El-Aal.** Nonlinear free boundary problems arising from soil freezing in a bounded region.
- 2875 **Ojha, Murari Prasad.** Smooth approximations and quermassintegrals.
- 2876 **Scarborough, Stephen D.** A moment rate characterization for stochastic integrals.
- 2877 **Treuden, Michael L.** Asymptotically compact operator approximation theory.

Mathematics—DOCTORS 1984

- 2878 **Kiser, Terry.** Fractional powers of the Laplacian with application to small amplitude water waves.

Mathematics—DOCTORS 1985

- 2879 **Kharab, Abdelwahab.** A nonlinear free boundary value problem.
- 2880 **O'Regan, Daniel J.** Initial and boundary value problems via topological methods.

Mathematics—DOCTORS 1986

- 2881 **Bottema, Murk J.** Median filters and iterative noise elimination with applications to the sharpening of radiographs.
- 2882 **Helfenstein, Franz Hugo.** A free boundary value problem modeling streambed erosion .
- 2883 **Keinert, Fritz.** The divergent k-plane transform.
- 2884 **Kim, Tae-sung.** Central limit theorems for associated random fields with applications.

Mathematics—DOCTORS 1987

- 2885 **Hazou, Irene A.** The exponential X-ray transform.
- 2886 **Rohm, Dale M.** Alternative characterizations of weak infinite-dimensionality and their relation to a problem of Alexandroff's.

Mathematics—DOCTORS 1988

- 2887 **Franzosa, Marie M.** Densities and dependence for point processes.
- 2888 **Smith, Steven J.** Optimal harvesting of continuous age structured populations.

Mathematics—DOCTORS 1989

- 2889 **Park, Tae-soon.** Nonlinear free boundary problems arising from melting processes.

Mathematics—DOCTORS 1990

- 2890 **Andersen, Robert N. (Robert Niels).** Homotopy construction techniques applied to the cell like dimension raising problem and to higher dimensional dunce hats.
- 2891 **Shea, Edward Carl.** Minimal simultaneous embeddings of central simple algebras.

Mathematics—DOCTORS 1991

- 2892 **Bodvarsson, Gudrun M.** Solutions to some linear evolutionary systems of equations : study of the double porosity model of fluid flow in fractured rock and its applications.
- 2893 **Crow, John A.** A nonlinear shallow water wave equation and its classical solutions of the cauchy problem.
- 2894 **Hwang, Dae-sik.** Large deviation principles for random measures.

Mathematics—DOCTORS 1992

- 2895 **Choi, In-kyeong.** On straight line representations of random planar graphs.
- 2896 **Hagelberg, Carl R.** Existence of a solution to a variational data assimilation method in two-dimensional hydrodynamics.
- 2897 **Hart, Dianne K.** Building concept images supercalculators and students' use of multiple representations in calculus.

Mathematics Education—DOCTORS 1986

- 2898 **Marty, James Frank.** Selected effects of a computer game on achievement, attitude, and graphing ability in secondary school algebra.

Mathematics Education—DOCTORS 1987

- 2899 **Lewis, S. M.** University mathematics students' perception of proof and its relationship to achievement.

Mathematics Education—DOCTORS 1989

- 2900 **Cavaiani, Thomas P.** An investigation of the relationship between cognitive style and the diagnostic skills of novice COBOL student programmers.

Mathematics Education—DOCTORS 1991

- 2901 **Nowlin, Donald.** The development and validation of an instrument to assess cognitive domain status of preservice and inservice elementary teachers in the division of rational numbers.
- 2902 **Pleet, Lawrence Joseph.** The effects of computer graphics and mira on aquisition of transformation geometry concepts and development of mental rotation skills in grade eight.

Mechanical Engineering—MASTERS 1983

- 2903 **Elger, Donald Francis.** Design and optimization of a heating-only heat pump for Western PacificNorthwest applications.

Mechanical Engineering—MASTERS 1984

- 2904 **Bauer, Timothy Lee.** Investigation of combustor and fuel preparation requirements for a combined-cycle wood fired power plant.
- 2905 **Daskalakis, George H.** Energy use coefficients for irrigation system materials.
- 2906 **Fox, Stephen John.** Computer simulation of a combined-cycle biomass-fueled power plant.
- 2907 **Ghodoosian, Nader.** Calculation of the pressure distribution on a pitching airfoil with application to the Darrieus Rotor.
- 2908 **Keary, Paul Edward.** A comparison of experimental mode I analysis methods for the interlaminar fracture toughness characterization of graphite/epoxy composite materials.
- 2909 **Pfeiffer, Nikolaus.** Transient conduction with counter mass flow in wood.

Mechanical Engineering—MASTERS 1985

- 2910 **Albright, Stephen L.** An experimental investigation into the dynamic collapse phase of drilling fluid discharged into a stratified, flowing environment.
- 2911 **Brawn, Robert Charles.** Off-design analysis and control of a wood-fired combined-cycle power plant.
- 2912 **Curry, Thomas Haitsh.** Dynamic modeling of a refrigerant boiler for power applications.
- 2913 **Ehm, Hans.** Evaluation of the Boleyn solar home, Portland, Oregon.
- 2914 **Germain, Alan Clifford.** Effects of selected atmospheric variables on the power output of a DOE Mod-2 wind turbine.
- 2915 **Rector, David R.** Implementation and evaluation of a participating media radiation model in the TEMPEST thermal-hydraulic computer code.
- 2916 **Smith, Mark T.** Experimental development and characterization of a small-scale planar flow casting (PFC) machine.

Mechanical Engineering—MASTERS 1986

- 2917 **Bakke, Paul D.** A simplified model of heat transfer between large-particle gas-fluidized beds and immersed surfaces.
- 2918 **Dadkhah-Nikoo, Abbas.** Analysis of wood combustion and combustion systems for a combined cycle wood-fired power plant.
- 2919 **Ranasinghe, Jatila.** Analysis of ceramic heat exchangers for use in a combined-cycle, wood-fired power plant.
- 2920 **Stephenson, Jerry D.** Analysis of a wood-fueled trimburner system for use in a combined-cycle, wood-fired power plant.

Mechanical Engineering—MASTERS 1987

- 2921 **Aceves-Saborio, Salvador Martin.** Analysis of ice formation with flow reversal for application to an ice-maker heat pump.
- 2922 **Hadjilambros, Constantine.** An experimental study of plane jets issuing at various angles into a cross-flow.

Mechanical Engineering—MASTERS 1988

- 2923 **McCoy, Timothy J.** Natural convection from a horizontal cylinder parallel to a heated vertical wall.
- 2924 **Roub, Evangeline R.** A study of laser processed intermetallics.
- 2925 **Wrzesinski, Wendell R.** Microwave sintering of alumina-titanium cermets.

Mechanical Engineering—MASTERS 1989

- 2926 **Fishbaugh, Mark J.** Natural convection and conduction in a vertical annulus with a concentric baffle : a numerical study.
- 2927 **Haluzak, Charles Craig.** Experimental combustion analysis and development of representative fuel specifications for selected wood and refuse derived fuel pellets from the Pacific Northwest.
- 2928 **Jenkins, Christopher H. M.** Transient analysis of a tennis racket using PC-based finite elements and experimental techniques.
- 2929 **Yildirim, Yuksel.** Optimization of polynomial trajectories for robotic manipulators.

Mechanical Engineering—MASTERS 1990

- 2930 **Arib, Fouad.** Use of an optical probe to study the hydrodynamics of a gas-solid fluidized bed.
- 2931 **Kuffner, Tom A.** Mechanical design history content : the information requests of design engineers.
- 2932 **Lienau, Jeffrey Jay.** Laminar microchannel cooling of integrated circuits.
- 2933 **Lovejoy, Steve C.** Design and analysis of a high speed dynamic tow carriage.
- 2934 **Sewell, Janet M.** An experimental flow model of a centrifugal casting system.
- 2935 **Wilcox, Marcus H.** Reduced condensing pressure operation in industrial ammonia refrigeration systems.

Mechanical Engineering—MASTERS 1991

- 2936 **Dai, Weiming.** Critical current transition analysis of composite superconductors.
- 2937 **Foo, Chee Kit.** Range of motion of beetle body as a function of foot positions.
- 2938 **Goble, David Leroy.** Strain rate sensitivity index of thermoplastics from variable strain rate and stress relaxation testing.
- 2939 **Liu, He.** Mechanical properties of Nb-Ti composite superconducting wires.
- 2940 **McGinnis, Brian D.** An object oriented representation for mechanical design based on constraints.
- 2941 **Miller, Mark Wade.** An experimental study of the fluid mechanics of filling a small part of modular mold.
- 2942 **Simonds, John E.** Computer model for estimating cogeneration system performance and economic feasibility.

Mechanical Engineering—MASTERS 1992

- 2943 **Alam, Arshad.** Robustness estimation via integral liapunov functions.
- 2944 **Canova, Joseph H.** Testing and evaluating the combustion characteristics of waste fuels.

- 2945 **Destremau, Axel.** Natural convection cooling of vertical plates in an enclosure : a numerical simulation.
- 2946 **Freeman, Lisa Nalani.** Visual study of hydrodynamics in a two-dimensional gas-solid fluidized bed.
- 2947 **Hsu, Chun-chia.** Range of motion of beetle body as a function of leg parameters.
- 2948 **Kansal, Utkarsh.** Microstructural banding in thermally and mechanically processed titanium 6242.
- 2949 **Kopczynski, Sean Peter.** Hydrodynamic signatures of a 2-D gas-solid fluidized bed.
- 2950 **Mallysetty, Venkata Ramana.** A simplified dynamic model of the hind leg of a beetle during step initiation.
- 2951 **Tence, David A.** Dislodgement and deformation of microbubbles in laminar channel flow.
- 2952 **Thompson, Eric William.** Development of a control system for a walking machine leg.

Mechanical Engineering—DOCTORS 1983

- 2953 **George, Thomas L.** A model for the mechanical behavior of irradiated mixed carbide sphere pac fuel pins.
- 2954 **Lee, Se Kyoung.** Thermodynamic analysis of geothermal energy systems with forced recovery from aquifers.

Mechanical Engineering—DOCTORS 1984

- 2955 **Chaiyapinunt, Somsak.** Linearized model for wind turbines in yaw.
- 2956 **Fatani, Abdulhadi Ahmed.** An analytical model of radiative and convective heat transfer in small and large particle gas fluidized beds.
- 2957 **Icewicz, Larry Bert.** (co-dept. Forest Products) A relationship between wave dispersion and fracture strength for a composite material.
- 2958 **Mahbod, Bahram.** A theoretical study of the radiative contribution to heat transfer between a high-temperature, large-particle gas-fluidized bed and an immersed tube.
- 2959 **Mohebbi, Behrooz.** An experimental investigation of drilling mud discharged into a flowing stratified environment.

Mechanical Engineering—DOCTORS 1985

- 2960 **Drost, M. K.** Volumetric receiver development: a heat transfer and design evaluation of an advanced air heating solar thermal central receiver concept.
- 2961 **Khalifa, Gamaleldin A.** Effect of hydrous ethanol on crankcase oil dilution.
- 2962 **Lee, Moon H. (Moon Hee).** Fatigue life, fatigue crack propagation and fracture toughness study of 7075 aluminum alloy subjected to thermomechanical processing.
- 2963 **Lin, Shuh-ren.** Wind turbulence input model for horizontal axis wind turbines.
- 2964 **Tobias, Benjamin C.** Biaxial fatigue behavior of commercially pure titanium Ti-50A (Grade 2) and low-alloy titanium Ti-Code 12 (Grade 12) heat exchanger materials.

Mechanical Engineering—DOCTORS 1986

- 2965 **Alavizadeh, Seyed Nasser.** An experimental investigation of radiative and total heat transfer around a horizontal tube immersed in a high temperature gas-solid fluidized bed.
- 2966 **Elger, Donald Francis.** An experimental and analytical study of the internal fluid dynamics of an ink-jet printhead.
- 2967 **Wijaranakula, Witawat.** Heat treatment characteristics of heavily doped epitaxial silicon materials.
- 2968 **Yuh, Junku.** Discrete-time explicit model reference adaptive control for robotic manipulators.

Mechanical Engineering—DOCTORS 1987

- 2969 **Bae, Young Lib.** Performance of rotary regenerative heat exchanger--a numerical simulation.
- 2970 **Sharif-Razi, Ali-Reza.** Discrete-time blade pitch control for wind turbine torque regulation with digitally simulated random turbulence excitation.
- 2971 **Sukkaset, Prasart.** Numerical study of natural convection in square partitioned and non-partitioned enclosures.
- 2972 **Wang, Deing.** Experimental investigation of natural convection from an array of uniformly heated horizontal cylinders to mercury.
- 2973 **Wang, Yusan.** Numerical modeling of the hydrodynamics of gas fluidized beds.

Mechanical Engineering—DOCTORS 1988

- 2974 **Brynjolfsson, Sigurdur.** Response of guyed offshore towers to stochastic loads in the presence of steady current.
- 2975 **Lei, David Hsien-Yu.** An experimental study of radiative and total heat transfer between a high temperature fluidized bed and an array of immersed tubes.
- 2976 **Moosavi-Rad, Hamid.** The application of a band variable-inertia flywheel to an urban transit bus.
- 2977 **Nie, Tinglin.** Derivation and automatic generation of Kane's dynamical equations for mechanical manipulators.
- 2978 **Stauffer, Larry A.** An empirical study on the process of mechanical design.

Mechanical Engineering—DOCTORS 1989

- 2979 **Goshayeshi, Ali.** Experimental studies of heat transfer with an array of horizontal tubes immersed in a high-temperature fluidized bed.
- 2980 **Hamedani, Hooshyar M.** An experimental investigation of the thermomechanics of pipe flow of magnetic fluids in response to heating and applied magnetic fields.
- 2981 **Han, Seog-young.** Elastodynamic analysis of a propagating finite crack in a micropolar elastic solid.
- 2982 **Lee, Byeung Kyun.** A model reference adaptive system for control of a flexible mechanical manipulator.
- 2983 **Lee, Jai-hyo.** Analysis and simulation of dual-source heat pumps with three-fluid evaporators.
- 2984 **Lim, Kyoung Ho.** Optimal design of traction drive continuously variable transmissions.
- 2985 **Lin, Peng-cheng.** An experimental study of natural convection from protruding arrays on a vertical plate with and without an opposing wall for various fluids.
- 2986 **Ranasinghe, Jatila.** Use of the exergy concept for design improvement of heat exchangers and heat exchanger networks.

Mechanical Engineering—DOCTORS 1990

- 2987 **Aceves-Saborio, Salvador Martin.** Evaporator analysis for application to water-source and ice-maker heat pumps.
- 2988 **Al-Alusi, Thamir R.** An experimental study of natural convection heat transfer from a horizontal cylinder array vertically aligned to and confined by a single wall and two walls.
- 2989 **Albright, Stephen L.** Kinematics of arthropod legs : modeling and measurement.
- 2990 **Hartin, John R.** Evaluation of horizontal axis wind turbine blade loads using unsteady aerodynamics.
- 2991 **Herron, John R.** Direct-sampling optical techniques for the study of transient combustion events.
- 2992 **Kim, YongJin.** An experimental study of combined forced and free convective heat transfer to non-Newtonian fluids in the thermal entry region of a horizontal pipe.

Mechanical Engineering—DOCTORS 1991

- 2993 **Baek, Yoon Su.** Kinematic analysis of legged system locomotion on smooth horizontal surfaces.
- 2994 **Dadkhah-Nikoo, Abbas.** Experimental investigation of wood combustion and combustion profiles in a cylindrical combustion chamber.
- 2995 **Hsiao, Entsung.** An experimental/analytical investigation of buoyant jets in shallow water.
- 2996 **Huque, Ziaul.** A theoretical and experimental study of self-propagating high-temperature synthesis of titanium carbide.
- 2997 **Hwang, Teng-shang.** The design capture system : capturing back-of-the-envelope sketches.
- 2998 **Jo, Jang Hyen.** On the Lyapunov-based approach to robustness bounds.
- 2999 **King, John Barry.** A study of buoyant backflow in vertical injection lines.
- 3000 **Martone, Joseph Arthur.** Sampling submicrometer particles suspended in near sonic and supersonic free jets of air.
- 3001 **Reitz, Wayne.** Influence of laser processing on the corrosion and microstructure of zirconium based material.
- 3002 **Wang, De-qian.** Thermophysical properties and temperature response of surimi-measurement and modeling.
- 3003 **Weber, Timothy L.** Turbulence induced loads on a teetered rotor.

Mechanical Engineering—DOCTORS 1992

- 3004 **Chen, Aihua.** A computer-based design history tool.
- 3005 **Hernandez-Guerrero, Abel.** A study of ignition and propagation of combustive synthesis reaction between titanium and carbon.
- 3006 **Jenkins, Christopher H.** Transient nonlinear deformations of viscoelastic membranes.
- 3007 **Kim, Jong-bum.** Dynamic finite element analysis of micropolar elastic materials.
- 3008 **Liang, Zuyang.** Robust controller design for robotic manipulators with saturation.
- 3009 **Liu, Pao-pao.** Rebound predictions for elastic collisions.
- 3010 **Park, Heeyong.** A study of laser generated Rayleigh and Lamb waves in graphite/epoxy composites.
- 3011 **Pattee, Heidi Ann.** Temperature measurement, electrical characteristics, and Lorentz mixing of alkali seeded flames.
- 3012 **Peng, Gwo-sheng.** Processing of laser interferometric signals for small displacement measurements.
- 3013 **Yeh, Chun-tien.** Dynamics and control of a rigid/flexible manipulator.

Microbiology—MASTERS 1983

- 3014 **Calomiris, Jon James.** The simultaneous expression of metal tolerance and antibiotic resistance by bacteria from drinking water systems.
- 3015 **Dohman, Thomas Philip.** Characterization of Oregon-derived malo-lactic bacteria : fermentation properties and storage stability.
- 3016 **Greenwood, John David.** Comparative phenotypic studies on vibrios of environmental origin that resemble human clinical isolates.
- 3017 **Henick-Kling, Thomas.** Comparison of Oregon-derived malolactic bacteria in pilot scale wine production.
- 3018 **Saedi, Mohammad Saeed.** Guanosine tetraphosphate accumulation in *Rhizobium meliloti*.
- 3019 **Salerno, Laurel F.** Sterol uptake in *Saccharomyces cerevisiae*.

- 3020 **Tullo, Daniel Duane.** Survival and growth of pathogenic vibrios in estuarine waters and colonization of the Pacific Oyster.
- Microbiology—MASTERS 1984**
- 3021 **Arakawa, Cindy Keiko.** Isolation and characterization of a new subspecies of *Mycobacterium chelonae* infectious for salmonid fish.
- 3022 **Chen, Martin Franklin.** Comparative susceptibility of salmonid fish and salmonid fish cell lines to five isolates of infectious hematopoietic necrosis virus, and biological properties of two plaque variants.
- 3023 **Eschelbach, Matthew Michael.** Bacteriophages for *Leuconostoc oenos* : a survey of Oregon wineries.
- 3024 **Getchell, Rodman Guy.** Comparison of *Renibacterium salmoninarum* by antigenic analysis, antimicrobial assay and growth.
- 3025 **Radke-Mitchell, Lyn C.** Influence of temperature on the associative growth of *Streptococcus thermophilus* and *Lactobacillus bulgaricus*.
- 3026 **Salama, Maysoon.** Characterization of antibiotic resistant enteric bacteria that contaminate vegetables.
- 3027 **Shigeno, Debra Sue.** Internal pH control starter media : use in culture preservation and for multiple strain growth.
- 3028 **Wong, Scott W.** Purification and characterization of a DNA polymerase gamma from human trophoblast tissue.
- Microbiology—MASTERS 1985**
- 3029 **Hwang, Eun Ju.** Development of an enzyme-linked immunosorbent assay to detect antibodies against *Pasteurella multocida* in infected rabbits.
- 3030 **Jones, Paul Aikens.** The biosynthesis of ethylene from methionine in *Saccharomyces cerevisiae*.
- 3031 **Micheals, Nancy J.** Performance of Oregon derived malolactic bacteria: studies on storage stability and their use in the wine industry.
- 3032 **Zaldivar, Mercedes.** Attachment of the pathogen *Flexibacter columnaris* to fish cells.
- Microbiology—MASTERS 1986**
- 3033 **Matalon, Marcelo E.** Preservation studies on internal-pH-control-grown yogurt starters.
- 3034 **Walker, Helen M. (Helen Marguerite).** Recovery of *Saccharomyces cerevisiae* from ethanol-induced growth inhibition.
- 3035 **Watanabe, Robin Aiko.** Adaptation of molecular filtration for recovery of fish viruses from water.
- Microbiology—MASTERS 1987**
- 3036 **Gambee, Jay E.** Comparisons of calicivirus pathotypes using oligonucleotide patterns from two-dimensional gel electrophoresis.
- 3037 **Moffitt-Westover, Cheryl Louise.** Bacterial flora in the Oregon moist pellet, a diet for salmonid fish.
- 3038 **Valdivia de Capo, Blanca.** Indigenous *Rhizobium trifolii* isolated from nodules of red clover grown in subclover pasture soils.
- Microbiology—MASTERS 1988**
- 3039 **Holt, Richard Allen.** Cytophaga psychrophila, the causative agent of bacterial cold-water disease in salmonid fish.
- 3040 **Lu, Yuanan.** Establishment and characterization of three new cell lines from grass carp (*Ctenopharyngodon idellus*).
- 3041 **Moyer, Craig Lee.** Growth rate effects during starvation-survival of a marine psychrophilic vibrio.
- 3042 **Roberti, Kellee Ann.** Variants of infectious hematopoietic necrosis virus selected with glycoprotein-specific monoclonal antibodies.
- Microbiology—MASTERS 1989**
- 3043 **Amthor, Kerstin.** The activity of extracellular enzymes in starved and unstarved cells of a psychrophilic marine vibrio.
- 3044 **Barrie, Rosemary Jean.** Characterization of an immunoreactive region of the major capsid protein for infectious pancreatic necrosis virus.
- 3045 **Gelford, Inga L.** Transformation of alfalfa using *Agrobacterium tumefaciens*.
- 3046 **Lindburg, Katherine L.** The exploitation of methylthioadenosine phosphorylase deficiency in cancer therapy.
- 3047 **Piacentini, Stephen Carl.** Erythrocytic inclusion body syndrome : a viral disease of salmonid fish.
- 3048 **Rhodes, Albert N.** The response of nitrifying bacteria to treatments of N-Serve and Roundup in continuous-flow soil columns.
- 3049 **Yamada, Masahiko.** Studies on roles of lactic acid bacteria and yeast in the flavor of bakery products.
- Microbiology—MASTERS 1990**
- 3050 **Dashti, Narjes Haje.** Characterization of indigenous *Rhizobium leguminosarum* bv. *trifolii* isolated from annual and perennial species of *Trifolium*.
- 3051 **Gander, Lise Marie K.** Methionine recycling in fruit studies on the metabolism and function of selected intermediates.
- 3052 **Xu, Li.** Epitope mapping and characterization of the glycoprotein of infectious hematopoietic necrosis virus.
- Microbiology—MASTERS 1991**
- 3053 **Britschgi, Theresa Baden.** An analysis of Sargasso Sea bacterioplankton diversity using 16S ribosomal RNA.
- 3054 **Kanchanakhon, Somkiat.** Hematology and histopathology of Coho salmon (*Oncorhynchus kisutch*) infected with *Flexibacter psychrophilus*.
- 3055 **Valladao, Marilin.** Growth of lactococci relative to antibiotic and quaternary ammonium compounds.
- Microbiology—MASTERS 1992**
- 3056 **Rutherford, Gregory J.** Development of an enzyme-linked immunosorbent assay to detect antibodies against *Bacillus thuringiensis* subspecies *israelensis* in Mallard ducks (*Anas platyrhynchos*).
- 3057 **Shanks, Carol A.** Erythrocytic inclusion body syndrome : salmonid stock susceptibility, secondary diseases, and vitamin therapy.
- 3058 **Yap, Kathryn H. M.** Symbiotic and saprophytic characteristics of a soil population of *Rhizobium leguminosarum* bv. *trifolii*.
- Microbiology—DOCTORS 1983**
- 3059 **Amy, Penny Susan.** Starvation-survi[v]al studies on a marine *Vibrio* sp. and other selected marine bacteria.
- 3060 **Beaty, Jon Stuart.** Genetic and biochemical studies in the genus *Bacillus*.
- 3061 **McCammon, Mark Thomas.** Physiological, biochemical, and genetic studies on the [δ]_{p24s} sterol methyltransferase of *Saccharomyces cerevisiae*.
- 3062 **Nelson, Jim Steel.** Location of *Vibrio anguillarum* antigen in tissues of immune and non-immune rainbow trout (*Salmo gairdneri*) using the fluorescent antibody technique.
- 3063 **Nishibuchi, Mitsuaki.** Human health significance of vibrios from the aquatic environment.

Microbiology—DOCTORS 1984

- 3064 **Bottema, Cynthia D. K.** The distribution and influence of sterols in yeast membranes.
- 3065 **Hartel, Peter G.** Survival of fecal coliform bacteria in sludge-amended soils.
- 3066 **Hiu, Stephen Fooklen.** Characterization of a new *Lactobacillus* species infectious for salmonid fish.
- 3067 **Hsu, Ya-li.** A molecular study of the viral proteins of infectious hematopoietic necrosis virus.
- 3068 **Jenkins, Michael B.** Delineation of the composition of an indigenous soil population of *Rhizobium meliloti* in root nodules of uninoculated field grown *Medicago sativa* L..
- 3069 **Jones, Ronald Dean.** Methane and carbon monoxide oxidation by nitrifying bacteria.
- 3070 **Kuhl, Sarah Jane.** Transcription in *Bacillus subtilis* and *Bacillus bacteriophages*.
- 3071 **Rodriguez, Russell John.** Defining roles for sterols in *Saccharomyces cerevisiae* : characterization of bulk membrane and high specificity sparking functions.
- 3072 **White, Michael William.** The effect and metabolism of 5'-methylthioadenosine in normal and 5'-methylthioadenosine phosphorylase deficient mammalian cells.

Microbiology—DOCTORS 1985

- 3073 **Aumen, Nicholas G.** Characterization of lignocellulose decomposition in stream wood samples using p14sC and p15sN techniques.
- 3074 **Kurath, Gael.** Molecular characterization of infectious hematopoietic necrosis virus transcription and genome organization.
- 3075 **Nielsen, Brent L.** Purification and characterization of *R. meliloti* RNA polymerase from wild type and mutant strains, and the role of the enzyme in the specificity of in vitro transcription of nitrogen fixation genes.
- 3076 **Orberg, Paulo K.** Antimicrobial resistance and plasmid properties of *Leuconostoc* and group N *Streptococcus*.

Microbiology—DOCTORS 1986

- 3077 **Demezas, David H.** Symbiotic and ecological behavior of indigenous serotypes of *Rhizobium leguminosarum* bv. trifolii.
- 3078 **Huang, Manley T. F.** Molecular cloning of infectious pancreatic necrosis virus and characterization of the coding capacity of the complementary DNA.
- 3079 **Hughes, Jeffrey A.** Coliphage T3 S-adenosylmethionine hydrolase: properties of the cloned gene and consequences of its expression in *Escherichia coli*.
- 3080 **Khosravi, Lewa. S.** Studies to improve lactic acid bacterial starter cultures.
- 3081 **Lewis, Thomas A.** Sterol assimilation by *Saccharomyces cerevisiae*.
- 3082 **Salih, Mohammed Ali.** Studies on growth metabolites produced by *Propionibacterium shermanii*.
- 3083 **Tsai, Huai-jen.** Conjugal transfer of plasmid genes between lactic *Streptococcus* and *Leuconostoc* starter bacteria.

Microbiology—DOCTORS 1987

- 3084 **Low, Christopher S. F.** Coordinated regulation of plasma membrane lipids in *Saccharomyces cerevisiae*.
- 3085 **Parker, Ricardo Jerome.** Monoclonal antibodies to 5'-deoxy-5' methylthioadenosine phosphorylase.
- 3086 **Rajagopal, S. N.** Development of bacteriophage inhibitory bulk starter medium for the cultivation of thermophilic lactic acid bacteria.
- 3087 **Roseman, Nancy A.** Biology of a constitutively-expressed vaccinia virus gene required for DNA replication.

3088 **Song, Yen-ling.** Comparison of *Flexibacter columnaris* strains isolated from fish in North America and other areas of the Pacific Rim.

3089 **Villarreal, Elcira C.** Host cell nuclear involvement in vaccinia virus replication.

3090 **Weinrich, Scott L.** Regulation of late gene expression in vaccinia virus.

Microbiology—DOCTORS 1988

3091 **Engelking, Henry Mark.** Properties of the Glycoprotein of infectious hematopoietic necrosis virus.

3092 **Feyereisen-Koener, Josette.** Cloning, sequence and expression of the glycoprotein gene of infectious hematopoietic necrosis virus, a fish rhabdovirus.

3093 **Gilmore, Robert D. (Robert Dean).** Molecular cloning and analysis of the infectious hematopoietic necrosis virus genome and development of a subunit vaccine.

3094 **Irwin, Michael J. (Michael James), 1960-.** B-cell heterogeneity in salmonids.

3095 **Tower, Paula Allene.** Homospermidine, spermidine, and putrescine : the biosynthesis and metabolism of polyamines in *Rhizobium meliloti*.

Microbiology—DOCTORS 1989

3096 **Bartholomew, Jerri Lee.** Development of monoclonal antibodies against the myxosporean, *ceratomyxa shasta*, and characterization of the salmonid host response.

3097 **Holmes, Harvey Thomas.** Studies on selected topics of *Pasteurella multocida* infection in laboratory rabbits.

3098 **LaPatra, Scott Edward.** Strain differentiation and detection of infectious hematopoietic necrosis virus.

3099 **Manning, Donald Scott.** Deletion mapping and expression of the large genomic segment of infectious pancreatic necrosis virus.

3100 **Miner, Jeffery N.** The regulation of a vaccinia virus late gene required for morphogenesis.

3101 **Tamin, Azaibi.** Molecular genetic analysis of vaccinia virus genes which confer resistance to alpha-amanitin.

3102 **Tripp, Ralph A.** Glucocorticoid regulation of salmonid B lymphocytes.

3103 **Tsuji, Masayoshi.** *Pasteurella multocida* infection in turkeys : pathogenesis and immunity.

Microbiology—DOCTORS 1990

3104 **Arkoosh, Mary.** Development of immunological memory in rainbow trout (*Oncorhynchus mykiss*) and aflatoxin Bb1 modulation of the response.

3105 **Gradin, Joseph L.** Morphologic, molecular and antigenic characteristics of *Bacteroides nodosus*.

3106 **Rockey, Daniel D.** Virulence factors of *Aeromonas salmonicida* and their interaction with the salmonid host.

3107 **Turaga, Prasad S. D.** Physical and functional characterization of soluble protein antigen (s) produced by *Renibacterium salmoninarum*.

Microbiology—DOCTORS 1991

3108 **Black, Margaret E.** Structural and functional dissection of the vaccinia virus thymidine kinase enzyme.

Microbiology—DOCTORS 1992

3109 **DeKoning-Loo, Jenefer.** In vitro regulation and cultivation of salmonid lymphocytes.

3110 **Evans, Paul D.** Transcriptional regulation of *Rhizobium meliloti* nitrogen fixation genes.

3111 **Kasornchandra, Jiraporn.** Characterization of a rhabdovirus isolated from the snakehead fish (*Ophicephalus striatus*).

- 3112 **Schaefer, Timothy S.** The bacteriophage P1 bof protein : a corepressor whose action can both negatively and positively affect phage gene expression.
- 3113 **Valyasevi, Ruud.** The cell surface polysaccharides and membrane protein required for bacteriophage infection of *Lactococcus lactis*.
- 3114 **Wiens, Gregory D.** Structural and functional analysis of the 57 kDa protein produced by the fish pathogen, *Renibacterium salmoninarum*.

Movement Studies for the Disabled see—Exercise and Sport Science

Nuclear Engineering—MASTERS 1983

- 3115 **Hershberger, Daryl E.** Investigation of special RETRAN modeling options with regard to BWR stability under natural circulation conditons.
- 3116 **Jenks, Richard P.** Direct shear testing of UOb2 ssphere-pac nuclear reactor fuel.
- 3117 **Luo, Shyr Tung.** Development and implementation of an improved formulation of the momentum balance for a Once Through Steam Generator transient model.
- 3118 **Schwinkendorf, Kevin N.** A comparison of iterative methods for the solution of elliptic partial differential equasions, particularly the neutron diffusion equation.
- 3119 **Vincent, Andrew M.** Fuel-cladding mechanical interaction in simulated sphere pac fuel.

Nuclear Engineering—MASTERS 1984

- 3120 **Chadly, Peter Brent.** Thermal hydraulic analysis of a U-tube steam generator in a pressurized water reactor.
- 3121 **Jensen, Peter John.** A RETRAN model for a hypothetical steam line break occurring at low power operation of the Trojan Nuclear Plant.
- 3122 **Reardon, Patrick Thomas.** A two-dimensional analysis of porosity effects on the thermal conductivity of ceramic nuclear fuels.

Nuclear Engineering—MASTERS 1985

- 3123 **Coe, Douglas H.** Neutron shadow holography: a feasibility study.
- 3124 **Prichard, Andrew W.** Hard spectrum reactor design criterion for actinide utilization.

Nuclear Engineering—MASTERS 1986

- 3125 **Harris, Richard D. (Richard Donald).** Modeling of interferences in gamma ray pulse height distributions.
- 3126 **Kaya, Sadi.** COBRA-OSU: a fast running computer code for coupled kinetic-thermal hydraulic analysis of nuclear reactor cores.
- 3127 **Newell, Daniel L.** Real-time neutron radiography.
- 3128 **Sui, Yueh Chun.** Dynamic simulation of a Westinghouse PWR four-loop plant during steam generator tube rupture event.

Nuclear Engineering—MASTERS 1987

- 3129 **Greek, Kevin J.** Optimum temporal and contrast considerations in extremely high speed motion neutron radiography.
- 3130 **King, John (John Barry).** Application of the conjugate gradient method to the COMMIX-1B three dimensional momentum equation.
- 3131 **Kliwer, Charles P.** A feasibil[i]ty analysis of high conversion ratio pressurized water reactor designs.

Nuclear Engineering—MASTERS 1988

- 3132 **Cho, Byung-Oh.** A comparison of three coarse-mesh nodal methods for boiling water reactor analysis.
- 3133 **Humphries, Larry LaRon.** Analysis of traffic accidents involving radioactive materials (RAM).
- 3134 **Ibrahim, Saleh Hassan.** Computer control of the Automatic Gamma Well counting system.

Nuclear Engineering—MASTERS 1989

- 3135 **Azim, Bilqees.** Elemental analysis of zircon samples from Pacific northwest beaches by INAA.
- 3136 **Bakir, Alla J. M.** Development of a personal computer-based reactivity meter for a research reactor.
- 3137 **Hartley, Kenneth D.** Gadolinium particle depletion in light water reactor fuel rods.
- 3138 **VanWinkle, James A.** Oxidation of Zircaloy-4 in pressurized water reactor conditions.
- 3139 **Webb, Brent Jonathan.** Preliminary design and analysis of a rotating bubble membrane radiator for space-based nuclear power systems.

Nuclear Engineering—MASTERS 1991

- 3140 **Eichenberg, Thomas William.** Numerical analysis of condensation induced water-hammer in horizontal piping systems.
- 3141 **Jordheim, Daniel P.** CHAIN.238DJ : a computer code for calculating Pu-238 production, quality, and impurity levels in the Np-237 transmutation chain.
- 3142 **Zahm, Lance Leon.** Nuclear investigations of the eletrolysis of Db2sO using palladium cathodes and platinum anodes.

Nuclear Engineering—MASTERS 1992

- 3143 **Anand, Ajay.** Monte Carlo design and simulation of a shipboard p252sCf-based PGNAA analyzer for the sensitivity analysis of seafloor cores.
- 3144 **Bostick, Kent C.** Two-dimensional temperature model for target materials bombarded by ion beams.
- 3145 **Bukar, Kyari Abba.** A comparative study of nodal course-mesh methods for pressurized water reactors.
- 3146 **Miles, Todd L.** Monte Carlo uncertainty reliability and isotope production calculations for a fast reactor.

Nuclear Engineering—DOCTORS 1983

- 3147 **McNair, Gary W.** Natural convection in horizontal eccentric annuli.
- 3148 **Nassersharif, Bahram.** Describing function theory as applied to thermal and neutronic problems.
- 3149 **Sterbentz, James W.** An integral transport theory boundary condition applied to close-packed lattice cells with investigations into a heuristic flux convergence method.
- 3150 **Yen, Julian Yu-liang.** Extension of fuel burnup in light water reactors by using a strict in-out refueling scheme.

Nuclear Engineering—DOCTORS 1985

- 3151 **Youssefnia, Mohammad Hossein.** An investigative approach to study the RETRAN modeling concepts in the analysis of a safety valve discharge transient.

Nuclear Engineering—DOCTORS 1986

- 3152 **Luo, Shyr Tung.** Stability analysis of dynamic heat transfer.

Nuclear Engineering—DOCTORS 1989

- 3153 **Lee, Chungchan.** A two-group study on the gadolinium particle depletion in light water reactor fuel rods.
- 3154 **Samuels, Jeffery W.** A non-line advanced plant simulator.

Nuclear Engineering—DOCTORS 1990

- 3155 **Almarshad, Abdullah I. A.** A model for waterside oxidation of zircaloy fuel cladding in pressurized water reactors.
- 3156 **Almasoumi, Abdullah Muhammad Sultan.** Monte Carlo model of a capture gamma ray analyzer for a seafloor core sample.
- 3157 **Greek, Kevin J.** Development of an object-oriented expert system for PWR core reload.

Nuclear Engineering—DOCTORS 1991

- 3158 **Cho, Byung-oh.** Nodal methods for calculating nuclear reactor transients, control rod patterns, and fuel pin powers.
- 3159 **Lafi, Abd Y.** A general theory of flooding implementing the cuspid catastrophe.

Nuclear Engineering—DOCTORS 1992

- 3160 **Greene, Kenneth R. (Kenneth Ray).** Nonintrusive intelligent monitoring for nuclear power plant emergency classification.

Nutrition and Food Management—MASTERS 1990

- 3161 **Harris, Janet Elizabeth.** The effect of estrogen replacement therapy on vitamin B-6 status of postmenopausal women.
- 3162 **Levy, Theresa A.** Dental hygienists and dietary counseling : extent and quality.
- 3163 **Selvy, Theresa A.** Nutrient intake and sources of fat in the diets of college students.

Nutrition and Food Management—MASTERS 1991

- 3164 **Aberle, Susan E.** Glucose and insulin responses to a carbohydrate snack in carbohydrate cravers and non-carbohydrate cravers.
- 3165 **Beilstein, Michael A.** Effect of vitamin B-6 status on Selenium metabolism in the rat.
- 3166 **Smith, Daniel E.** Vitamin B-6 status of persons with diabetes mellitus.
- 3167 **Yang, Mei-fang.** An assessment of cook-chill foodservice systems.

Nutrition and Food Management—MASTERS 1992

- 3168 **Clark, Susan L. (Susan Lynn).** Effect of porcine somatotropin on the lipid profile of tissues in pigs.
- 3169 **Krupin, Nancy.** Reducing the fat in school lunch : the effect on 24-hour intake by fifth graders.
- 3170 **Virk, Ricky S.** Effect of vitamin B-6 supplementation on fuel utilization during exhaustive endurance exercise in men.
- 3171 **Wilson, Vicki L.** Quality characteristics for fully-cooked ham, brine-cured prior to freezing.
- 3172 **Yu, Qing.** Effect of dietary fluoride on selenite toxicity in the rat.

Nutrition and Food Management—DOCTORS 1990

- 3173 **Song, Jihyun.** Effects of dietary selenium and fish oil (MaxEPA) on arachidonic acid metabolism and hemostatic function in the rat.

Nutrition and Food Management—DOCTORS 1991

- 3174 **Alaoui, Larbi.** Evaluation of the iron status of a population of adults in Morocco : influence of dietary intake.
- 3175 **Prince, Annie.** Vitamin B-6 status, energy and protein intakes, and amino acids in the diets and plasma of school-aged patients with Phenylketonuria : implications for an improved nutritional treatment.

Nutrition and Food Management—DOCTORS 1992

- 3176 **Cluskey, Mary M.** The development and implementation of a structured on-the-job training (SOJT) model in one healthcare foodservice operation.
- 3177 **Soetrismo, Uken Sukaeni Sanusi.** Characterization of yellow pea (*Pisum sativum* L. Miranda) proteins and the proteinate functional properties.
- 3178 **Witte, Sandra Sue.** Clinical nutrition managers' responsibilities and professional development strategies.

Ocean Engineering see also—Civil Engineering

Ocean Engineering—MASTERS 1988

- 3179 **Petereit, Ralph A.** The static and cyclic pullout behavior of plate anchors in fine saturated sand.
- 3180 **Ramsden, Jerald Day.** Kinematics and return flow in a closed wave flume.
- 3181 **Shin, Ong-in.** Wave forces on concrete pipes and plates used as seabed artificial reef units.

Ocean Engineering—MASTERS 1991

- 3182 **Furukawa, Keizo.** Wave diffraction due to trenches and rubble.

Ocean Engineering—MASTERS 1992

- 3183 **Ward, Donald L. (Donald LeRoy).** Ocean wave interaction with a caisson on a rubble base.

Oceanography—MASTERS 1983

- 3184 **Brodeur, Richard D.** Food habits, dietary overlap and gastric evacuation rates of rockfishes (genus *Sebastes*).
- 3185 **Gushee, Dean E.** An analysis of depot lipid of ocean-caught juvenile coho salmon and comparisons with a laboratory fasting study.
- 3186 **Henderson, Curtis Daniel.** Biochemical genetics of geographically separated populations of wood boring isopods of the genus *Limnoria* (*Flabellifera*, *Isopoda*).
- 3187 **Llewellyn, Janet George.** Bathymetric zonation of nearshore mysids with emphasis on the beach-dwelling mysid *Archaeomysis grebnitzkii*.
- 3188 **McDonald, William P.** Influence of organic matter on the geotechnical properties and consolidation characteristics of northern Oregon continental slope sediments.
- 3189 **Olivera, Ricardo Martin.** A complex distribution of water masses and related circulation off northern California in July 1981.
- 3190 **Redden, George Dean.** Characteristics of photochemical production of carbon monoxide in seawater.
- 3191 **Von Breyman, Marta Torres.** Studies of hydroxylamine in the marine environment.
- 3192 **Weliky, Karen.** Clay-organic associations in marine sediments : carbon, nitrogen, and amino acids in the fine grained fractions.
- 3193 **Wilson, Stephanie Lynn.** The life history of *Corophium* salmonis in the Columbia River estuary.

Oceanography—MASTERS 1984

- 3194 **Acuna, Enzo S.** Biology of the myctophid fish, *Diaphus theta* Eigenmann and Eigenmann 1890, off the Oregon coast.
- 3195 **Ellis, Steven G.** Seasonal relationship between the digestive enzyme activity of laminarinase and ingestion rate of *Acartia clausii*.

- 3196 **Gadomski, Dena Marie.** Feeding ecology of pelagic larvae of two pleuronectids (English sole, *Parophrys vetulus*, and butter sole, *Isopsetta isolepis*) off the Oregon coast.
- 3197 **Garretton, Marta S.** Bioenergetics of yolk utilization in embryos and yolk-sac larvae of the surf-smelt *Hypomesus pretiosus pretiosus* (Girard, 1855) under different incubation temperatures.
- 3198 **Gonzalez, Exequiel B.** Tidal exchange of decapod larvae and small benthic peracarids between the ocean and the Salmon River estuary, Oregon.
- 3199 **Howd, Peter A.** Beach foreshore response to long-period waves in the swash_zone.
- 3200 **Jones, Kim Koch.** Annual secondary production and community dynamics of benthic infauna in a Columbia River estuary mudflat.
- 3201 **Kalish, John M.** The biological and acoustical structure of sound scattering layers in the ocean off Oregon.
- 3202 **McDonald, John H.** Ecological genetics of two polymorphic enzymes in three species of Megalorchestia (Amphipoda: Talitridae).
- 3203 **Mundy, Bruce C.** Yearly variation in the abundance and distribution of fish larvae in the coastal zone off Yaquina Head, Oregon, from June 1969 to August 1972.
- 3204 **St. Martin, Joseph Wilfred.** Internal waves : towed observations in the western North Atlantic.
- 3205 **Wakefield, Willard Waldo.** Feeding relationships within assemblages of nearshore and mid-continental shelf benthic fishes off Oregon.
- Oceanography—MASTERS 1985**
- 3206 **Carbonell, Maria Consuelo.** Phytoplankton of an ice-edge bloom in the Ross Sea, with special reference to the elemental composition of Antarctic diatoms.
- 3207 **Chung, Alton W.** Relationships between oceanographic factors and the distribution of juvenile coho salmon (*Oncorhynchus kisutch*) off Oregon and Washington, 1982-1983.
- 3208 **Fagerness, Vicki L.** The spring bloom of the silicoflagellate *Dictyocha speculum* in East Sound, Washington, with respect to certain environmental factors.
- 3209 **Garrow, Holly C.** Shoreline rhythmicity on a natural beach.
- 3210 **Hoffman, Sarah Elizabeth.** Alteration mineralogy and geochemistry of the Archaean Onverwacht Group, Barberton Mountain Land, South Africa.
- 3211 **Miller-Way, Christine A.** The response of a marine meiofaunal assemblage to experimental manipulations of sediment microtopography.
- 3212 **Murphy, Kim Marie.** Transition metal and rare earth element fluxes at two sites in the eastern tropical Pacific: relationship to ferromanganese nodule genesis.
- 3213 **Nishimoto, Robert N.** Time series analyses of daily albacore catches and upwelling indices off Oregon and California.
- 3214 **Pelegri, Jose L.** The role of inertial oscillations in the dynamics of coastal upwelling.
- 3215 **Verplanck, Emily Pierce.** Temporal variations in volume and geochemistry of volcanism in the Western Cascades, Oregon.
- Oceanography—MASTERS 1986**
- 3216 **Beller, Harry R.** Distributions of polychlorinated biphenyls (PCB's), hydrocarbons and fatty acids among sedimentary organic matter fractions.
- 3217 **Boudrias, Michel Andre.** Life history and feeding ecology of the dominant Arctic lysianassid amphipod *Pseudalibrotus* (= *Onisimus*) *litoralis* from the inner continental shelf of the SW Beaufort Sea.
- 3218 **Braun, Gary Michael.** The structure of an arctic shallow water benthic community: effects of ice gouging.
- 3219 **Culley, Sara K.** Standing edge waves on a pocket beach.
- 3220 **Halliwell, Vicki M.** A turbulence model applied to the diurnal cycle.
- 3221 **Johnson, Jerry R.** Analysis of Seasat-A satellite scatterometer wind observations with emphasis over the Antarctic Circumpolar Current.
- 3222 **Li, Zhenlin.** Pivoting angles of gravel with applications in sediment threshold studies.
- 3223 **Temte, Jonathan L.** Photoperiod and the timing of pupping in the Pacific harbor seal (*Phoca vitulina richardsi*) with notes on reproduction in northern fur seals and Dall porpoises.
- 3224 **Walsh, Ian David.** Resuspension and the rebound process: implications of sediment trap studies in the northern Pacific.
- 3225 **Wei, Ching-ling.** Carbonate chemistry of the North Pacific Ocean.
- Oceanography—MASTERS 1987**
- 3226 **Brophy, Jennifer Elaine.** Production of biologically-refractory dissolved organic carbon by natural seawater microbial populations.
- 3227 **Clemens, Karen E.** Along-coast variations of Oregon beach-sand compositions produced by the mixing of sediments from multiple sources under a transgressing sea.
- 3228 **Collins, John L. (John Leopold).** The influence of intertidal macroalgae on exchanges of nutrients and oxygen in a Pacific Northwest estuary.
- 3229 **Cornejo-Rodriguez, M. Pilar.** Propagation and forcing of high frequency sea level variability in the eastern equatorial Pacific.
- 3230 **Hays, Patricia E.** Paleooceanography of the eastern equatorial Pacific during the Pliocene : a high resolution radiolarian study.
- 3231 **Kokkinakis, Steven Andon.** Utilization of inorganic and organic nitrogen by phytoplankton off the Washington and Oregon coasts.
- 3232 **Lin, Kaijun.** Application of linear free energy relationship in marine chemistry and analysis of the wintertime carbonate data in the northern North Atlantic Ocean.
- 3233 **O'Brien, Margaret C. (Margaret Claire).** Nitrogen and phosphorus uptake by *Enteromorpha prolifera* (Mull.) J. Ag.
- 3234 **Reid, Brad.** The fall transition of Oregon shelf waters.
- 3235 **Savidge, William B.** Factors affecting the rates of infaunal recolonization of small-scale disturbances on an intertidal sand flat.
- Oceanography—MASTERS 1988**
- 3236 **Francis, Erika A.** Calibration of the Nimbus-7 scanning multichannel microwave radiometer (SMMR), 1979-1984.
- 3237 **Merrick, Richard L.** Behavioral and demographic characteristics of northern sea lion rookeries.
- 3238 **Roesler, Collin Stevens.** Zooplankton variability in the California current, 1951-1982.
- Oceanography—MASTERS 1989**
- 3239 **Appelgate, T. Bruce.** Tectonic and volcanic structures of the southern flank of Axial Volcano, Juan de Fuca Ridge : results from a SeaMARC I sidescan sonar survey.
- 3240 **Bowline, Cynthia M.** A model of Arctic Ocean internal waves generated by under-ice topography.
- 3241 **Chun, Yip.** Geochemistry of thorium natural water systems.
- 3242 **deCharon, Annette V.** Structure and tectonics of Cascadia segment, Central Blanco transform fault zone.

- 3243 **Howard, Katherine Jane.** Hydrothermal vents of the Gorda Ridge, NE Pacific : mineralogy and chemistry of sulfide chimneys, precipitates and alteration products.
- 3244 **Lippmann, Thomas C.** The stability and spatial variability of sand bar morphology.
- 3245 **Muehlhausen, Laurel A.** Biomarker analysis of marine and terrestrial organic carbon sources and a paleotemperature record from MANOP site C sediments, equatorial Pacific.
- 3246 **Pinto Alvarez, Luis A.** Use of sediment fractionation techniques to establish a geochemical link between natural-occurring PAH and 3-oxytriterpenoids in Columbia River sediments.
- 3247 **Sinclair, Elizabeth Hacker.** Feeding habits of northern fur seals (*Callorhinus ursinus*) in the eastern Bering Sea.

Oceanography—MASTERS 1990

- 3248 **Hagelberg, Teresa King.** The response of pliocene climate to orbital forcing : radiolarian evidence from the eastern equatorial Pacific.
- 3249 **Jamerlan, Saturnino Juan.** Nitrogen fluxes through microbial communities from Yaquina Bay (Oregon).
- 3250 **Keller, Randall A.** Geochemistry of quaternary, rift-related volcanism in the Bransfield Strait, Antarctica.
- 3251 **Shih, Shyuer-ming.** Hydraulic control of grain size distributions and differential transport rates of bedload gravels Oak Creek, Oregon.
- 3252 **Tokamakian, Robin.** Sea surface velocity determination using satellite imagery validation and an application.
- 3253 **Urena, Helena Molina.** Distribution of the eggs and larvae of some flatfishes (*Pleuronectiformes*) off Washington, Oregon, and northern California, 1980-1983.

Oceanography—MASTERS 1991

- 3254 **Baeuerle, Brigitte G.** Isolation, extraction, and fluorometric measurements of nucleic acids and DNA photorepair in marine macrophytes.
- 3255 **Kreffft, Kevin P.** The swimming behavior of the copepod *Calanus marshallae* under various food conditions.
- 3256 **Nunez, Rodrigo H.** Prediction of tidal propagation and circulation in Chilean Inland Seas using a frequency domain model.
- 3257 **Sharp, John L.** Manganese and iron geochemistry in the endeavour ridge hydrothermal plume.
- 3258 **Welling, Leigh A.** Radiolarian microfauna in the northern California current system : spatial and temporal variability and implications for paleoceanographic reconstructions.

Oceanography—MASTERS 1992

- 3259 **Bahr, Frederick L.** The effects of rainfall on temperature and salinity in the surface layer of the equatorial Pacific.
- 3260 **Chen, Xiaojing.** Oxygenated natural products in tropospheric aerosols-sources and transport.
- 3261 **Holland, K. Todd (Kenneth Todd).** Statistical distribution of swash maxima on natural beaches.
- 3262 **Juhl, Andrew R.** The biology of a shallow-water methane vent.
- 3263 **Lorang, Mark S.** Lake level regulation, shoreline erosion and shore protection : Flathead Lake, Montana.
- 3264 **Yu, Lei.** Budgets and behaviors of uranium and thorium series isotopes in the Santa Monica basin off the California coast.

Oceanography—DOCTORS 1983

- 3265 **Denbo, Donald Wade.** On forced currents over a continental margin : theory and analysis.
- 3266 **Jefferts, Katharine.** Zoogeography and systematics of cephalopods of the northeastern Pacific Ocean.

- 3267 **Lara-Lara, Ruben.** Primary biomass and production processes in the Columbia River estuary.
- 3268 **Lilley, Marvin Douglas.** Studies on the marine chemistry of reduced trace gases.
- 3269 **Riedel, Gerhardt F.** The copper sensitivity of Oregon coastal phytoplankton.
- 3270 **Romea, Richard Dennis.** On coastal trapped waves at low latitudes in a stratified ocean.
- 3271 **Tester, Patricia Ann.** The effects of the temperature acclimation of parental generations and incubation temperature on lability of egg hatching time in the copepod *Acartia tonsa* Dana.

Oceanography—DOCTORS 1984

- 3272 **Brunson, Burlie A.** Shear wave attenuation in unconsolidated laboratory sediments.
- 3273 **Dexter, Barbara Lynne.** Developmental grazing capabilities of *Pseudocalanus* sp. and *Acartia clausi* (CI to adult).
- 3274 **Fischer, Kathleen M.** Particle fluxes in the eastern tropical Pacific Ocean -- sources and processes.
- 3275 **Karlin, Robert.** Paleomagnetism, rock magnetism, and diagenesis in hemipelagic sediments from the northeast Pacific Ocean and the Gulf of California.
- 3276 **Peterson, Curt D.** Sedimentation in small active-margin estuaries of the northwestern United States.

Oceanography—DOCTORS 1985

- 3277 **Emerick, Christina M.** Age progressive volcanism in the Comores Archipelago and northern Madagascar.
- 3278 **Federman, Alan Neil.** Correlation and petrological interpretation of abyssal and terrestrial tephra layers.
- 3279 **Kemp, Paul F.** Life history, production, and food resources of the deposit-feeding polychaete *Euzonus mucronata* (Treadwell) on an Oregon coastal sand beach.
- 3280 **Thornburg, Todd Mark.** Sedimentation in the Chile Trench.

Oceanography—DOCTORS 1986

- 3281 **Baba, Jumpei.** Terrigenous sediments in two continental margin environments: western South America and the Gulf of California.
- 3282 **Batchelder, Harold Parker.** Population dynamics and feeding ecology of the copepod, *Metridia pacifica*, in the subarctic Pacific Ocean.
- 3283 **Butler, James Hall.** Cycling of reduced trace gases and hydroxylamine in coastal waters.
- 3284 **Hennessey, John Patrick.** Biochemical adaptation of deep-sea fishes: susceptibility of dehydrogenases to pressure-inactivation and proteolysis.
- 3285 **Shenker, Jonathan M.** Biology of neustonic larval and juvenile fishes and crabs off Oregon, 1984.
- 3286 **Sumich, James L.** Latitudinal distribution, calf growth and metabolism, and reproductive energetics of gray whales, *Eschrichtius robustus*.

Oceanography—DOCTORS 1987

- 3287 **Brzezinski, Mark A.** Physiological and environmental factors affecting diatom species competition in a Gulf Stream warm-core ring.
- 3288 **Finney, Bruce Preston.** Paleoclimatic influence on sedimentation and manganese nodule growth during the past 400,000 years at MANOP Site H (eastern equatorial Pacific).
- 3289 **Halliwell, George R.** The large-scale coastal wind field and sea level response along the west coast of North America.

- 3290 **Lee, Dong-kyu.** The linear and non-linear baroclinic instability in the eastern North Pacific.
- 3291 **Murray, David W.** Spatial and temporal variations in sediment accumulation in the central tropical Pacific.

Oceanography—DOCTORS 1988

- 3292 **Bakun, Andrew.** Applications of maritime data to the study of surface forcing of seasonal and interannual ocean variability in eastern boundary regions.
- 3293 **Baumgartner, Timothy R.** High resolution paleoclimatology from the varved sediments of the Gulf of California.
- 3294 **Breyman, Marta T. von.** Magnesium in hemipelagic environments : surface reactions in the sediment-pore water system.
- 3295 **Han, Myung Woo.** Dynamics and chemistry of pore fluids in marine sediments of different tectonic settings : Oregon subduction zone and Bransfield Strait Extensional Basin.
- 3296 **Harvey, James T.** Population dynamics, annual food consumption, movements, and dive behaviors of harbor seals, *Phoca vitulina richardis*, in Oregon.
- 3297 **Paduan, Jeffrey D.** Response to wind stress and heating in the North Pacific surface layer.
- 3298 **Samelson, Roger M.** Observations and modelling of fronts and frontogenesis in the upper ocean.
- 3299 **Standley, Laurel J.** Determination of molecular signatures of natural and thermogenic products in tropospheric aerosols—input and transport.

Oceanography—DOCTORS 1990

- 3300 **Rushdi, Ahmed I.M.** Kinetics and equilibria of magnesian calcite in seawater-like solutions : laboratory studies.

Oceanography—DOCTORS 1991

- 3301 **Desonie, Dana L. (Dana Lee).** Geochemical expression of volcanism in an on-axis and intraplate hotspot : Cobb and Marques.
- 3302 **Howd, Peter A.** Edge waves in the presence of strong longshore currents.
- 3303 **Kawka, Orest Eduard Mykola.** Hydrothermal alteration of sedimentary organic matter in Guaymas Basin, Gulf of California.
- 3304 **Li, Zhenlin.** Longshore grain sorting and beach-placer formation adjacent to the Columbia River.
- 3305 **Lin, Kaijun.** Photochemical transformations of phenolic compounds added to marine surface microlayers.
- 3306 **Mordy, Calvin (Calvin Ward).** Fluorescence measurements of DNA and RNA in marine microorganisms.

Oceanography—DOCTORS 1992

- 3307 **Ellis, Steven G.** Seasonal dynamics and allometric considerations of feeding and food processing for macrozooplankton in the northeast Pacific Ocean.
- 3308 **Krasnow, Lynne D.** Particle selection for tube building and the stabilization of sediments by *Leptochelia dubia* (Crustacea, Tanaidacea) : interactions with bacteria and microalgae.
- 3309 **McManus, James.** On the chemical and physical limnology of Crater Lake, Oregon.
- 3310 **O'Connor, John M.** The evolution of south Atlantic hot spot systems : an integrated geochronological and geochemical investigation.

Pharmacy—MASTERS 1983

- 3311 **Anderson, John L.** Pharmacokinetic investigation of a potential drug interaction : aminophylline and prednisone.

- 3312 **Dandurand, Kenneth R.** The effect of phototherapy on dopamine in dextrose 5 water stability in vitro.
- 3313 **Haas, Milo.** A comparison of alternative pharmacy fee systems in a community hospital.
- 3314 **Lee, Rai-yun.** Stability of oral liquid cimetidine HCl and furosemide repackaged in unit dose containers at various temperatures.
- 3315 **Sartnurak, Soisurin.** The study of valproate sodium formulations in vitro.
- 3316 **Tate, Marshall.** Aminophylline dosing in congestive heart failure.
- 3317 **Tatong, Walapa.** The evaluation of octanol-water partition coefficients from chromatographic data.

Pharmacy—MASTERS 1984

- 3318 **Acholonu, Wilfred W.** The effects of L-ascorbic acid, thiamine HCl, or L-cysteine on ethanol and acetaldehyde blood levels and disposition.
- 3319 **Hoyt, Dale G.** Characterization of cholestasis induced by 1,3-bis-(2-chloroethyl)-1-nitrosourea in rats.
- 3320 **Huston, Thomas K.** The absolute bioavailability of dyphylline tablets in human subjects.
- 3321 **Rawson, Cathleen L.** The effect of cold-stress on alphas₂ modulation of transmitter release and transmitter uptake in the rat caudal artery.
- 3322 **Sahajwalla, Chandras G.** Antimicrobial vaginal dosage forms employing Dimethyl Fumarate or propionic acid.
- 3323 **Tavipatana, Wattanaporn.** Pharmacokinetics of theophylline and its N-7 derivatives in rabbits.

Pharmacy—MASTERS 1985

- 3324 **Bettner, Françoise Soges.** Effects of pH, temperature, concentration, and time on particle counts in lipid-containing TPN admixtures.
- 3325 **Hasuike, Betty Louise.** Comparing measures of beliefs about drug-taking compliance.
- 3326 **Hiraiwa, Yuri.** Variables influencing the level of drug knowledge among village practitioners in Bangladesh.
- 3327 **Liou, Grace Yow-Hwa.** Preformulation studies for oral dosage forms of lactobacilli.
- 3328 **Regner, Michael John.** Evaluation of the effectiveness of three methods designed to inform patients about side effects.

Pharmacy—MASTERS 1986

- 3329 **Bronson, Michael Henry.** Quality assurance of home and inpatient parenteral nutrition.
- 3330 **Stockberger, Roxy A.** Peritoneal clearance of vitamin B-6 and evaluation of vitamin B-6 and vitamin A status in children undergoing continuous ambulatory peritoneal dialysis (CAPD).
- 3331 **Tjaharyanto, Djojo.** Investigations on cardiac glycosides and interactions with Nap+s, Kp+s-ATPase.

Pharmacy—MASTERS 1987

- 3332 **Hopkins, Christopher J.** Pharmacological characterization of spinal adenosine involvement in antinociception.
- 3333 **Wheeler-Usher, Donna.** A study of pharmacy externs' ability to respond to drug information requests received by the Oregon Poison Control and Drug Information Center.
- 3334 **Yu, Yupei.** A quantitative structure activity relationships study of antiinfectives based on the nalidixic acid structure.

Pharmacy—MASTERS 1988

- 3335 **Hsu, Huey-yuh.** Dissolution and bioavailability of immediate and sustained release cold and cough dosage forms.

- 3336 **Lopez, Albert.** The natural products chemistry of the red algae *Ptilota filicina* and *Laurencia obtusa*.

Pharmacy—MASTERS 1989

- 3337 **Zhang, Ge.** Adenosine analogs suppress seizures induced by bicuculline methiodide in the rat prepiriform cortex.

Pharmacy—MASTERS 1990

- 3338 **Beardsley, Grant D.** Elimination of 11-nor-delta-9-tetrahydrocannabinol-9-carboxylic acid when normalized to urinary creatinine.
- 3339 **Lee, Ya-ling.** Development of a transdermal delivery system for melatonin.

Pharmacy—MASTERS 1992

- 3340 **Ruan, Xiumei.** Vehicle and enhancer effects on penetration of acyclovir through chicken and cockatiel skin in vitro.

Pharmacy—DOCTORS 1983

- 3341 **Deffo, Tamboue Esaie.** Site-specific labeling of the cardiac glycoside receptor Nap+s,Kp+s-ATPase synthesis of a C-17 side group photoaffinity label ; Relationship of cardioactive steroid structure and conformation to biological activity.
- 3342 **Huang, Hua-pin.** Pharmacokinetics of dyphylline after administration of prodrugs in rabbits and pigs.
- 3343 **Vee, George L.** A study of bioactive substances from *Erythroxylum coca* (Lin.) and *Vancouveria hexandra* (Morr. and Decne.).

Pharmacy—DOCTORS 1984

- 3344 **Chang, Shyi-feu.** New product formulations, pharmacokinetics and bioavailability of dyphylline.
- 3345 **Suvanakoot, Uthai.** Product formulation of phenylbutazone, theophylline, tolbutamide and pharmacokinetics-toxicities of theophylline injections in pigs.

Pharmacy—DOCTORS 1985

- 3346 **Ali, Seham A.** Factors affecting labeling efficiency of technetium-99m to red blood cells.
- 3347 **Dalich, George M.** Hepatotoxicity of monochlorobenzene in rats and rainbow trout.
- 3348 **Sartnurak, Soisurin.** Evaluation of solid dispersed particles for formulation of oral ibuprofen tablets.
- 3349 **Stolzenbach, James Carlson.** Hepatic mixed function oxygenase activity in rats during cholestasis following 1,3-bis-(2-chloroethyl)-1-nitrosourea (BCNU) treatment.

Pharmacy—DOCTORS 1986

- 3350 **Borin, Marie T.** New product formulations and pharmacokinetics of acetaminophen.
- 3351 **Gant, Daniel B.** A comparative investigation of the pharmacology of fish and mammalian neuromuscular systems.
- 3352 **Hoyt, Dale G.** Impaired organic anion excretion and cholestasis caused by 1,3-bis-(2-chloroethyl)-1-nitrosourea (carmustine or BCNU) in rats.
- 3353 **Jarvi, Eric J.** Biochemical changes associated with BCNU-induced pulmonary toxicity.
- 3354 **Rathore, Hargovind S.** Studies on cardiotonic steroids and their receptor Nap+s,Kp+s-ATPase.
- 3355 **Rawson, Cathleen L.** Characterization of dynamic changes in vascular reactivity following treatment with carmustine in Sprague-Dawley rats.
- 3356 **Tatong, Walapa.** Molecular connectivity: an application of chemical graph theory.

Pharmacy—DOCTORS 1987

- 3357 **Liou, Yow-Hwa Grace.** Formulation studies of lactic acid-producing bacteria for oral administration.
- 3358 **Sahajwalla, Chandrahas G.** New product formulation and multiple dose pharmacokinetics of acetaminophen.

Pharmacy—DOCTORS 1988

- 3359 **Szot, Patricia.** Adenosine receptor modulation of seizure susceptibility in rats.
- 3360 **Tavipatana, Wattanaporn.** Bioadhesive polymers in drug product formulations.

Pharmacy—DOCTORS 1989

- 3361 **Devaud, Leslie L.** Interactions of pyrethroid insecticides with GABAA and peripheral-type benzodiazepine receptors.
- 3362 **LaFollette, Sharron E.** Modification of the acute effects of ethanol or acetaldehyde on drug metabolism by ascorbic acid, thiamine, or cysteine in vivo.

Pharmacy—DOCTORS 1990

- 3363 **Blair, T. Ann.** Ontogeny of Ab1 adenosine receptor-mediated negative chronotropy in embryonic chick heart.
- 3364 **Leid, Mark.** Pharmacological characterization of the porcine atrial Ab1 adenosine receptor.
- 3365 **Mansell, Libbie J.** New acetaminophen products : formulation development and bioavailability.
- 3366 **Royland, Joyce E.** Acetylcholine synthesis, storage, degradation and nicotinic receptors in a rat model for space-induced muscle atrophy.
- 3367 **Story, Sandra C.** Solid phase synthesis of dymorphin analogues as probes of kappa opioid receptors.

Pharmacy—DOCTORS 1991

- 3368 **Hossain, Mohammad.** Evaluation of gastrointestinal transit time and novel oral acetaminophen product formulation.
- 3369 **Lin, Shun Yih.** Calcium alginate gels in oral dosage form design.
- 3370 **Piepmeier, Edward H.** Formulation of an oral acetylsalicylic acid suspension and pharmacokinetics of parenteral thrombomodulin analogues.
- 3371 **Wong, George Kaon.** Development of novel oral enteric-coated aquaculture vibrio vaccines.

Pharmacy—DOCTORS 1992

- 3372 **Bernart, Matthew W.** Natural products from tropical and temperate marine algae.
- 3373 **Jiang, Zhi-dong.** Novel oxylipins and heterocycles from the Rhodophyta and Cyanophyta.
- 3374 **Moghaddam, Mehran Fallah.** Structural and biosynthetic studies on marine eicosanoids and other oxylipins.

Physics—MASTERS 1986

- 3375 **Gold, Guido.** Critical exponents of sputtered amorphous Gdb0s b70sPdb0s b30 s.
- 3376 **Schulz, Norbert S.** Triple angular correlations of gamma rays in p110sCd.
- 3377 **Xiao, Dong.** Gamma decays and level structure of p186sIr.

Physics—MASTERS 1987

- 3378 **Herpe, Joachim.** X-ray study of an isobranched lecithin.
- 3379 **Schmid, Andreas (Andreas Karl).** Collective electron behavior in electron-hole superlattices.

Physics—MASTERS 1988

- 3380 **Brown, Daniel E.** Angular correlations of gamma rays in the decay of "p"109"s"Pd and "p"111"s"Pd.

- 3381 **Doll, Bernhard.** Nuclear magnetic resonance in Ga-doped liquid Se_{0.8}sb_{0.5}Teb_{0.5}5s.
- 3382 **Gutekunst, Bernd.** Monte Carlo simulation of oxygen mobility in cubic zirconia.
- 3383 **Rieckert, Volker.** Quadrupole moments and g-factors of low-lying bands in odd-A-nuclei (150 < A < 190).

Physics—MASTERS 1989

- 3384 **Anders, Juergen.** Evolution of polarization along a single mode fiber.
- 3385 **El Tayyan, Ahmed Asad.** Measurements of atmospheric sodium abundance by direct absorption of sunlight.
- 3386 **Höring, Antje.** Application of the schematic model to four-quasiparticle states.
- 3387 **Kircher, Jens.** Second harmonic generation in polyacetylene.
- 3388 **Schmin, Uwe.** Monte Carlo simulation of atomic diffusion in Si and GaAs via vacancies and interstitials.
- 3389 **Sonawala, Paula.** Rotation of polarization in single mode optical fibers and its relation to Berry's Phase.

Physics—MASTERS 1990

- 3390 **Fink, Paul J.** New computational methods for determining antikaon-nucleus bound states.
- 3391 **Fuchs, Heinz D.** Perturbed angular correlation investigation of cubic zirconia.
- 3392 **Orwa, Julius O.** Two dimensional electron transport in pseudomorphic InGaAs/AlGaAs heterojunctions.
- 3393 **Weidlich, Georg A.** Structural properties of indium doped YBa₂xCu₃O_{7-s-x} high T_c superconductors.

Physics—MASTERS 1991

- 3394 **Buettner, Douglas J.** Hypervelocity spectroscopy from impacts in polymeric materials.
- 3395 **Schwenker, Rainer.** Perturbed angular correlation spectroscopy in the high temperature superconducting material YBa₂Cu₃O_{7-s} (subscript-x).

Physics—MASTERS 1992

- 3396 **Fuchs, Martin B.** Brueckner theory of nuclear matter.
- 3397 **Rosenbauer, Martin.** Parametrization of energy bands in zirconia.
- 3398 **Stevens, Darren W.** Design and architecture of an improved microcomputer-controlled perturbed angular correlation spectrometer.

Physics—DOCTORS 1983

- 3399 **Paéz-Mejía, Manuel José.** An optical model calculation of proton and K meson scattering from p³He.

Physics—DOCTORS 1984

- 3400 **Rasolondramanitra, Henri.** Electronic behavior of liquid selenium and alloys with tellurium, thallium and arsenic.

Physics—DOCTORS 1985

- 3401 **Gaskill, D. Kurt.** Perturbed angular correlation measurements of hyperfine fields in liquid and amorphous selenium-tellurium alloys.
- 3402 **Lee, Yong-Inn.** Collective electronic excitation modes in a superlattice.
- 3403 **Pillai, Chandrasekhara.** Direct mass measurements of light neutron-rich nuclei using a combined energy and time-of-flight technique.

Physics—DOCTORS 1986

- 3404 **Bell, Florian G.** Optical absorption in liquid semiconductors.

Physics—DOCTORS 1987

- 3405 **Gumplinger, Peter.** A measurement of the neutral pion form factor by means of the reaction [π]₀ s → ep + sep-gc s.
- 3406 **Jaeger, Herbert.** Perturbed angular correlation investigation of zirconia ceramics.

Physics—DOCTORS 1988

- 3407 **Kao, Shaw-shya.** Electronic behavior of purified Selenium-rich alloys.
- 3408 **Taylor, Charles Robert.** The use of a high-Rydberg lithium beam and a fine mesh target to probe atom-surface interactions.

Physics—DOCTORS 1989

- 3409 **Chen, Xiao-yan.** Analyzing powers and cross sections of inclusive polarized proton scattering on p₂sp₀sp₈sPb.
- 3410 **Schnick, Jeffrey W.** A potential model investigation of the low-energy antikaon-nucleon interaction and antikaon-nucleus bound states.

Physics—DOCTORS 1990

- 3411 **McCown, Gary Edward.** Submonolayer adsorption on a metal surface, investigated with Rydberg atoms as electric-field-sensitive probes.
- 3412 **Silva, Larry A.** The optical properties of liquid Se-Te alloys.
- 3413 **Su, Han-tzong.** Perturbed angular correlation spectroscopy of oxide ceramics at high temperature.

Physics—DOCTORS 1991

- 3414 **Wang, Ruiping.** Perturbed angular correlation spectroscopy of defects in Ceria.

Physics—DOCTORS 1992

- 3415 **Gummin, Mark Alson.** Nuclear structure studies of p¹⁸⁷s, p¹⁸⁹sIr via low temperature nuclear orientation and coincidence spectroscopy.
- 3416 **Han, Weimin.** NMR study of GaAs at high temperature.
- 3417 **Peng, Songshi S.** Electronic structures and magnetic properties of iron in various magnetic states and structural phases.
- 3418 **Vischer, Axel P.** Relativistic field-theoretical transport in condensed matter.
- 3419 **Xu, Yue-shu.** Study of the decay p¹⁸⁴sAu-p¹⁸⁴sPt by means of gamma and electron spectroscopy and low temperature nuclear orientation.

Plant Physiology—MASTERS 1990

- 3420 **Abdelnour-Esquivel, Ana.** Interaction of cytokinins and phenethylamines in cell-free enzyme systems and plant callus cultures.
- 3421 **Maggard, Sharon P.** The carotenoids and membrane polypeptides of the light harvesting complex of mutants of *Scenedesmus obliquus* deficient in chlorophyll.

Plant Physiology—DOCTORS 1992

- 3422 **Lee, Stephen P. (Stephen Peter).** Molecular biology of abscisic acid induced freezing tolerance in bromegrass cell suspension cultures.

Poultry Science—MASTERS 1983

- 3423 **Bland, Mark.** Effects of Mount St. Helens' ash on broiler chicken respiratory and digestive tracts, growth, feed efficiency and poultry house environment.
- 3424 **Burger, Roger Allen.** Nutritional and management factors affecting foot pad dermatitis in singlecomb White Leghorn dwarf and normal-sized layers.

- 3425 **Murphy, Mary Loyer.** (co-depts. Animal Science and Estension Methods) An on-farm method for determination of sulfonamide drug residues in turkeys.

Poultry Science—MASTERS 1984

- 3426 **Youssef Hakimi, Ali A.** Sulfa residue studies with market turkeys : repletion, depletion and recycling effect from reused litter.

Poultry Science—MASTERS 1985

- 3427 **Iheanacho, Mitchell Onwuha.** Evaluation of various methods and application rates of ferrous sulfate heptahydrate in the control of atmospheric ammonia in an enclosed broiler house.

Poultry Science—MASTERS 1986

- 3428 **Buchholz, Phyllis S.** Comparative electrophoretic analysis of plasma protein fractions from deep pectoral myopathic, hereditary muscular dystrophic, and a normal line of turkeys.
- 3429 **Burke, Julianna Marie.** Genetic response to divergent selection for blood cholesterol levels in Japanese quail (*Coturnix coturnix japonica*).
- 3430 **Nassar, Abdul-Rahman H.** Canola meal as a protein source in chicken diets.
- 3431 **Simpson, Gregory D.** Studies with broilers reared on different floor types with and without padded roosts.

Poultry Science—MASTERS 1987

- 3432 **Modhish, A. M.** Comparison between wood fiber pellets and wood shavings as broiler litter.

Poultry Science—MASTERS 1988

- 3433 **Hales, Lavinia A.** Heritability estimates for semen volume in medium white turkeys.
- 3434 **Kulkarni, Gururaj Bhimrao.** Studies on the effects of feeding yellow pea (*Pisum sativum* L. var. Miranda) diets with and without supplementation to commercial broiler chickens.

Poultry Science—MASTERS 1989

- 3435 **Al-Aghbari, Abdulwali M.** A reexamination of the role of poly-L-glutamic acid on duration of fertility in the chicken.

Poultry Science—MASTERS 1990

- 3436 **Brean, Suzanne E.** Dietary riboflavin and the production of clubbed down in chick embryos.
- 3437 **Ivusic, Sergio I.** The feeding value of yellow peas (*Pisum sativum* L. var. Miranda) for single comb white leghorn laying pullets.
- 3438 **Kill, Donald R.** Reproductive performance of dwarf breeder pullets fed yellow peas (*Pisum sativum* L. var. Marinda).

Poultry Science—MASTERS 1991

- 3439 **Uddin, Zaheer.** Comparison on the effectiveness of different chemical treatments of built-up broiler litter on broiler house environment and broiler performance.

Poultry Science—DOCTORS 1984

- 3440 **Akanbi, Olajumoke.** Reproductive effects of gossypol and cottonseed meal in male single comb white Leghorn chickens.

Poultry Science—DOCTORS 1985

- 3441 **Buckner, Robert E.** The effects of selected feeding programs on the reproductive performance and specific blood plasma chemistries of caged broiler breeder males and dwarf breeder females.

Poultry Science—DOCTORS 1986

- 3442 **Tachasirinugune, Sommai.** Performance of broilers and layers fed crab meal and other substances for improving utilization of diets containing whey or cellulose.

Poultry Science—DOCTORS 1987

- 3443 **Nilipour, Amir H.** The effects of low protein diets with varying levels of dietary energy and triticale (var: Flora) on the reproductive performance of medium white turkey breeder toms.

Poultry Science—DOCTORS 1988

- 3444 **Bootwalla, Salim Mohsin.** Factors affecting semen quality and their effects on the fertilizing ability of broiler breeder spermatozoa using a fluorometric assay.
- 3445 **Rakphongphairoj, Vinai.** The effects of ad libitum feeding 7% crude protein diets with varying energy levels on the reproductive performance of caged broiler breeder males.

Poultry Science—DOCTORS 1990

- 3446 **Kirby, John D.** Physiological and anatomical factors associated with heritable spermatozoal degeneration in the male domestic fowl (*Gallus domesticus*).
- 3447 **Wu, Yea-Ching.** Dietary fish meal and the incidence of sudden death syndrome in broiler chickens.

Poultry Science—DOCTORS 1991

- 3448 **Modhish, Abdulmalek M.** Nutritional implications in broilers fed single or a combination of feed ingredients during feed shortages in the Republic of Yemen.
- 3449 **Zhong, Cheng.** Dietary energy manipulation on fat deposition and metabolism in broilers.

Poultry Science—DOCTORS 1992

- 3450 **Al-Aghbari, Abdulwali M.** Demonstration of a link between seminal plasma proteins and male fertility in the domestic fowl (*Gallus domesticus*).
- 3451 **Hollister, Albert Gene.** Studies of fiber utilization in poultry.
- 3452 **Smith, Edward J. (Edward Jude).** Genetic studies of reproductive and biochemical traits in turkeys (*Meleagris gallopavo*) divergently selected for semen ejaculate volume.

Radiation Health—MASTERS 1990

- 3453 **Yousef, Samir.** Selenium measurement in ground water and biological material by instrumental neutron activation analysis.

Radiation Health—MASTERS 1992

- 3454 **Baik, Seung-Hyuk.** Determination of $p90sSr/p90sY$ contamination using beta-particle spectroscopy with active gamma-ray discrimination.

Rangeland Resources—MASTERS 1983

- 3455 **Berry, Timothy James.** The influence of grazing systems on the performance and diet of yearling cattle.
- 3456 **Evenden, Angela G.** Effects of environmental conditions on germination and early seedling development in *Agropyron spicatum*.
- 3457 **Snider, Michael Duane.** Soil and understory vegetation characteristics of a tractor-logged forest in eastern Oregon.
- 3458 **Tanaka, John Augustus.** Evaluating the relative worth of public range improvements to a cow-calf ranching operation through computer simulation.
- 3459 **Warner, John Robert.** Evaluation of three sheep grazing systems on western Oregon hill pastures.

Rangeland Resources—MASTERS 1984

- 3460 **Bohn, Carolyn C.** The response of soils, streambanks and in-stream coliform bacteria levels to grazing management in a riparian area.
- 3461 **Hilken, Thomas O.** Food habits and diet quality of deer and cattle and herbage production of a sagebrush-grassland range.
- 3462 **Rhodes, Bruce Douglas.** Sheep grazing in Douglas-fir plantations of Oregon's Coast Range and its impact on big game habitat.

Rangeland Resources—MASTERS 1986

- 3463 **Cbouki, Salah.** Evaluation of native and introduced plant species for revegetating Central Tunisian rangelands.
- 3464 **Vaitkus, Milda R.** Effect of western juniper on understory herbage production in Central Oregon.

Rangeland Resources—MASTERS 1987

- 3465 **Ben-Thlija, Abdellaziz.** Nutritional value of several *Opuntia* species.
- 3466 **Lamouri, Abdelwahed.** Assessment of a Douglas-fir/sheep silvopastoral system in western Oregon.

Rangeland Resources—MASTERS 1988

- 3467 **Alejandro-Castro, Mabel.** Influence of cattle grazing and forage seeding on establishment of conifers in southwest Oregon.
- 3468 **Ali, Hussein Mohamed.** *Cordeauxia edulis* : production and forage quality in central Somalia.
- 3469 **Carlson, Deirdre H.** Effects of grazing management and tree planting pattern in a young Douglas-fir argoforest.

Rangeland Resources—MASTERS 1989

- 3470 **Barber, John Prentiss, Jr.** Mapping of the groundwater system on Camp Creek using geophysical methods.
- 3471 **Busse, Kathryn Grace.** Ecology of the *Salix* and *Populus* species of the Crooked River National Grassland.
- 3472 **Larsen, Royce E.** Water quality impacts of free ranging cattle in semi-arid environments.
- 3473 **Rose, Jeffrey A.** Effect of western juniper removal on ponderosa pine and associated understory vegetation.
- 3474 **Wang, Jianguo.** Response of *Artemisia tridentata* ssp. *wyomingensis* and *Stipa thurberiana* to nitrogen amendments.
- 3475 **Williams, John Dana.** Overland flow and sediment production potentials in logged and nonlogged sites of a ponderosa pine forest in northeastern Oregon.

Rangeland Resources—MASTERS 1990

- 3476 **Kramer, Susanne.** Development and morphology of juvenile western juniper (*Juniperus occidentalis* Hook).
- 3477 **Ramsey, Katherine J.** Influence of leachates from western juniper slash on three native grasses.
- 3478 **Sapsis, David B.** Ecological effects of spring and fall prescribed burning on basin big sagebrush : Idaho fescue--bluebunch wheatgrass communities.

Rangeland Resources—MASTERS 1991

- 3479 **Jabbes, Mohamed.** Evaluation of germination responses and early seedling development of selected medicago and hedsyarum species.

Rangeland Resources—MASTERS 1992

- 3480 **Smergut, Teresa A.** *Cardaria draba* (L.) Desv. in the sagebrush ecosystem of northeastern Oregon.
- 3481 **Westenskow, Kathy Jo.** Conditioning bunchgrass on elk winter range.

Rangeland Resources—DOCTORS 1983

- 3482 **Champlin, Mark R.** Big sagebrush (*Artemisia tridentata*) ecology and management with emphasis on prescribed burning.
- 3483 **Doescher, Paul Steven.** Phyto-edaphic relationships and ecotypic development of *Festuca idahoensis* in eastern Oregon habitat types of *Artemisia tridentata*.
- 3484 **Gillen, Robert L.** Grazing behavior and distribution of cattle on mountain rangelands.
- 3485 **Svejcar, Tony.** Seasonal and diurnal changes in the water relations of elk sedge (*Carex geyeri*) and pinegrass (*Calamagrostis rubescens*).
- 3486 **Swanson, Sherman R.** Infiltration, soil erosion, nitrogen loss and soil profile characteristics of Oregon lands occupied by three subspecies of *Artemisia tridentata*.

Rangeland Resources—DOCTORS 1984

- 3487 **Ganskopp, David C.** Habitat use and spatial interactions of cattle, wild horses, mule deer, and California highhorn sheep in the Owyhee breaks of southeast Oregon.
- 3488 **Leininger, Wayne C.** Silvicultural impacts of sheep grazing in Oregon's Coast Range.
- 3489 **Motazedian, Iraj.** Effect of defoliation treatments on forage quality, quantity, and species composition of a *Lolium perenne* (L.) - *Trifolium subterraneum* (L.) pasture.

Rangeland Resources—DOCTORS 1985

- 3490 **Everett, Richard L.** Understory response to tree harvesting in pinyon-juniper woodlands.
- 3491 **Ibnatty, Abdelhai Andaloussi.** Effects of cork oak (*Quercus suber* L.) canopy cover on seasonal herbage production, foliar cover, and nutritive quality in the Mamora National Forest of Morocco.
- 3492 **McInnis, Michael Lindsay.** Ecological relationships among feral horses, cattle, and pronghorn in southeastern Oregon.
- 3493 **Romo, James T.** Water relations in *Artemisia tridentata* subsp. *wyomingensis*, *Sarcobatus vermiculatus*, and *Kochia prostrata*.

Rangeland Resources—DOCTORS 1987

- 3494 **Young, Richard Paul.** Fire ecology and management in plant communities of Malheur National Wildlife Refuge, southeastern Oregon.

Rangeland Resources—DOCTORS 1988

- 3495 **Jaindl, Raymond G.** The effect of winter grazing on production and dynamics of a *Lolium perenne* (L.)-*Trifolium repens* (L.) pasture.
- 3496 **Sheehy, Dennis Patrick.** Grazing relationships of elk, deer and cattle on seasonal rangelands in northeastern Oregon.

Rangeland Resources—DOCTORS 1990

- 3497 **Borman, Michael M.** Growth characteristics and site potentials of perennial grass species.
- 3498 **Miller, Patricia M.** Physiological ecology of western juniper (*Juniperus occidentalis* hook. subsp. *occidentalis*).
- 3499 **Riegel, Gregg Mason.** Understory competition for resources in *Pinus ponderosa* forests of northeastern Oregon.

Rangeland Resources—DOCTORS 1991

- 3500 **Wahid, Abdul.** Dietary composition and nutritional status of sheep and goats grazing two rangeland types in Baluchistan, Pakistan.

Rangeland Resources—DOCTORS 1992

- 3501 **Green, Douglas M. (Douglas Mitchell).** Soil conditions along a hydrologic gradient and successional dynamics in a grazed and ungrazed montane riparian ecosystem.
- 3502 **Karl, Michael G.** Effects of prescribed cattle grazing on reforestation in Oregon's southern Cascades.
- 3503 **Korpela, Edwin J.** Modeling riparian zone processes : biomass production and grazing.
- 3504 **Mejjati-Alami, Mohammed.** The impact of grazing on forage quantity, quality and foliar cover of the herbaceous vegetation in the Mamora Cork Oak Forest, Morocco.
- 3505 **Osman, Khalid Amir.** Growth responses of Douglas-fir (*Pseudotsuga menziesii* [Mirb.] Franco) to defoliation.

Science Education—MASTERS 1989

- 3506 **Morrell, Patricia Drozdowski.** The effects of computer assisted instruction on student achievement in high school biology.

Science Education—DOCTORS 1984

- 3507 **Davivongse, Pachara.** The effects of a training program on wait-time and the questions asked by junior high school science teachers in Thailand.
- 3508 **Hafez, Abdullah Ibrahim M.** The relationship between the cerebral lateralization for Arabic language and achievement in science.
- 3509 **Miller, Suzanne Winifred Hilton.** A comparison of Computer-Assisted Instruction with Prescription Learning and the traditional "pull-out" program used in supplementing instruction of mathematics basic skills to Chapter I (Title I) students.

Science Education—DOCTORS 1985

- 3510 **Ebert, C. Steven.** The effects of an immersion bilingual mathematics institute on the achievement of seventh grade Mexican-American students.

Science Education—DOCTORS 1986

- 3511 **Tunhikorn, Bupphachart Photisar.** Attitudes toward and achievement in science of secondary students in Kasetsart Demonstration School, Bangkok, Thailand.

Science Education—DOCTORS 1988

- 3512 **Al-Shargi, Mohammed Rashed.** Saudi and non-Saudi Arab male students' attitudes toward science and science achievement in secondary schools, Riyadh, Saudi Arabia.
- 3513 **Frieske, Robert John.** The influence of selected supplementary materials on standardized science achievement scores.
- 3514 **Ray, Brian Daniel.** Determinants of student intention to engage in laboratory versus non-laboratory science learning behavior.

Science Education—DOCTORS 1989

- 3515 **Yamin, Sulaiman Bin.** Frequency of testing and its effects on achievement, test anxiety and attitudes toward science of students at University Technology of Malaysia.

Science Education—DOCTORS 1991

- 3516 **Woods, Helen E.** The student teaching experience : a qualitative examination.

Science Education—DOCTORS 1992

- 3517 **Chang, Huey-por.** The effect of levels of cooperation within physical science laboratory groups on physical science achievement.

- 3518 **Gess-Newsome, Julie.** Biology teacher's perceptions of subject matter structure and its relationship to classroom practice.

- 3519 **Lwo, Lwun-syin.** Effects of individualized examples and personalized contexts in computer-based adaptive teaching of algebra word problems.

- 3520 **Morrell, Patricia Drozdowski.** An examination of students' attitudes toward school and classroom science.

Soil Science—MASTERS 1983

- 3521 **Berggren, Brad J.** The mineralogy and morphology of loess derived soils along a traverse in northeastern Oregon.

- 3522 **Evans, Lynn B.** Hydrophobicity of Cindery Typic Cryorthents.

- 3523 **Flint, Alan L.** Soil physical properties and available water capacity of southwest Oregon forest soils.

- 3524 **Miles, Donald William Riggs.** Impact of landslide erosion on tree growth and vegetation in the western Oregon Cascades.

- 3525 **Myhrum, Ronald P.** Soil variability on steep, skeletal forested slopes of the Umpqua National Forest, Oregon.

- 3526 **Pikul, Joseph L.** Calculated and field-measured soil heat flux: a comparison under two soil water regimes.

- 3527 **Schoeneberger, Philip James.** An analysis of two adjacent agricultural watersheds in west central Oregon.

Soil Science—MASTERS 1984

- 3528 **George, Danella.** Surface erosion on a clearcut in the Willamette National Forest.

- 3529 **Hall, Thomas David.** Nitrogen recovery from simulated sand-filter effluent by grass.

- 3530 **Peek, Daniel C.** Fluoride sorption and dissolution reactions in soils.

Soil Science—MASTERS 1985

- 3531 **Caputo, John Anthony.** Effects of nitrogen applied on wheat straw on winter wheat (*Triticum aestivum* L.) yields in western Oregon.

- 3532 **Kjelgren, Roger Keith.** Fertilizer nitrogen use efficiency by winter wheat in the Willamette Valley.

- 3533 **Lentz, Rodrick David.** Correspondence of soil properties and classification units with sagebrush communities in southeastern Oregon.

- 3534 **McBride, Robin L.** Potash fertilizer effects on yield, hollow heart, and nutrient levels in potato tubers and petioles.

- 3535 **McGeehan, Steven L.** Biological assessment of soils for potential development of take-all root rot.

- 3536 **Roseberg, Richard J.** Chloride fertilizer and soil pH effects on nitrification rate and soil solution constituents.

Soil Science—MASTERS 1986

- 3537 **Flint, Lorraine E.** Effects of soil surface shading, mulching and vegetation control on Douglas-fir seedling growth and microsite water partitioning.

- 3538 **Nibler, Francis J.** Fertilizer requirements of wheat grown under conservation tillage.

- 3539 **Poore, Joel K.** Quantitative shape analysis of soil map delineations in Benton County, Oregon.

- 3540 **Scheyer, Joyce Mack.** Chloride fertilizer effects on stripe rust development in winter wheat.

- 3541 **Wiederhold, Kathi M.** A soil productivity rating for the irrigated soils of Wallowa County.

Soil Science—MASTERS 1987

- 3542 **Amali, Said.** Effect of differential amounts of irrigation water deficit on the yield and water use of table beets.

- 3543 **Biadul, Pongsri.** Degradation and behavior of chlorpyrifos-methyl and propoxur in soil : a comparison between Thailand and Oregon soils.
- 3544 **Costello, Craig.** A water balance model for reforestation sites : description and sensitivity.
- 3545 **Kaneshi, Katsuya.** Phosphorus uptake by winter wheat cultivars as related to root characteristics.
- 3546 **Leung, Kam-tin.** Influences of phosphate on the growth and nodulation characteristics of *Rhizobium trifolii*.
- 3547 **Mitchell, Becky.** Chloride fertilizer effects on grain yield, water potential components and disease severity of winter wheat with take-all.
- 3548 **Tobbi, Belgacem.** Infiltration of water and its effects on soil erosion : a computational analysis pertaining to central Tunisia.
- 3549 **Ying, Ouyang.** Diffusion of oxygen and carbon dioxide through soil with temperature and water content effects on sink/source strength.

Soil Science—MASTERS 1988

- 3550 **Mohammed, Fareed H. A. N.** Calibration of crop water use with the Penman equation under United Arab Emirates conditions.
- 3551 **Wu, Laosheng.** Relationship between pore size, particle size, aggregate size and water characteristics.

Soil Science—MASTERS 1989

- 3552 **Ali, Safdar.** Stability of soil structure for water movement in an aridisol.
- 3553 **Hoppe, Diane A. S.** Interrelationships of spodosols, andepts, and ultisols on coastal terraces in Curry County, Oregon.
- 3554 **Melton, Lisa L.** Soil surface effects on soil water, soil temperature, and Douglas-fir seedling injury following radiation frost damage events.
- 3555 **Ochs, Michael.** Association of hydrophobic organic compounds with dissolved soil organic carbon.
- 3556 **Pepi, Joseph A.** Development of a land evaluation and site assessment (LESA) model for forestry in Lane County, Oregon.
- 3557 **Sanchez, Ramon M.** Germination and emergence of corn (*Zea mays*, L) as a function of soil physical parameters.
- 3558 **Wildensee, Frank.** Surface complexation of protons and sulfate by kaolinite.

Soil Science—MASTERS 1990

- 3559 **Castellano, Steven D.** Influence of cropping and sulfur fertilization on sulfur transformations in soil.
- 3560 **Deng, Shiping.** Sulfur oxidation and rhodanese activity in soils.
- 3561 **Sattell, Robert R.** Phosphorus characterization in Sri Lankan Alfisols : Soprition, fractions, plant availability and soil test suitability.

Soil Science—MASTERS 1991

- 3562 **Barth, Alexander W.** Verticillium wilt, nematodes, and soil fertility interactions in hop yards.
- 3563 **Macadam, Anne M.** Effects of microsite alteration on soil climate, nitrogen mineralization, and establishment of *Picea Glauca* x *Engelmannii* seedlings in the sub-boreal spruce zone of west-central British Columbia.
- 3564 **Thomson, Thomas W.** Fertilizer use efficiency of container-grown junipers.
- 3565 **Vogue, Margaret A.** A soil property model for evaluating pesticide movement potential.

Soil Science—MASTERS 1992

- 3566 **Chapin, Michele F.** Effects of ryegrass residue management on Dayton soil organic carbon content, distribution and related properties.
- 3567 **Claycomb, Peter T.** Measurement of microbial biomass phosphorus in Oregon soils.
- 3568 **Wanjagi Francis Ndung'u.** Symbiotic characteristics of *Rhizobium leguminosarum* bv. *trifolii* recovered from nodules of field-grown *Trifolium subterraneum* L.

Soil Science—DOCTORS 1983

- 3569 **Badayos, Rodrigo Briones.** Soils of the Oregon coastal fog belt in relation to the proposed Andisol order.
- 3570 **Biuk, Abdulmajid Ahmed.** Physiological and yield responses of snap beans (*Phaseolus vulgaris*) to water availability.
- 3571 **Hickman, John Spencer.** Diclofop in runoff from agricultural watersheds in a high winter rainfall zone.
- 3572 **Lim, Hyungsik.** Water soluble organic fractions in sewage sludge amended soil : characterization and binding mechanisms with copper (II).
- 3573 **McAndrew, David Wayne.** Soil fert[il]ity investigations on soil solution composition and nutrition of sweet corn and onions.

Soil Science—DOCTORS 1984

- 3574 **Douglas, Clyde Lee.** Silicic acid and oxidizable carbon movement in a Walla Walla silt loam as related to long-term residue and nitrogen applications.
- 3575 **Dughri, Muktar H.** Influences of soil acidity and variety of plant on the populations of *Rhizobium trifolii* found in nodules of *Trifolium subterraneum* L..
- 3576 **Kiemnec, Gary L.** Diagnosis of sulfur deficiency and sulfur fertilization of *Trifolium subterraneum* L..
- 3577 **Lenhard, Robert J.** Effects of clay-water interactions on water retention in porous media.

Soil Science—DOCTORS 1985

- 3578 **Al-Omran, Abdrubalrasol Mosa.** Soil water potential and soil temperature effects on growth and nutrient uptake of sudangrass seedlings (*Sorghum vulgare* var. Piper).
- 3579 **Clayton, James L. (James Lindow).** Weathering rate, nutrient supply, and denudation in forested watersheds, southwestern Idaho batholith.
- 3580 **Doerge, Thomas A.** Evaluation of long term reacidification and growth of alfalfa on selected limed soils in western Oregon.
- 3581 **El-Madhun, Yousef Abdel Wahab.** Interaction of selected herbicides with soil constituents.
- 3582 **McCoy, Edward L.** Continuum mechanics methods applied to root growth and the penetration of soil by roots.
- 3583 **Salgado, Eduardo A.** Calibration of a theoretically derived relationship between pan evaporation and evapotranspiration.

Soil Science—DOCTORS 1986

- 3584 **Black, Charles H.** The effects of mycorrhizal colonization and phosphorus fertilization on Douglas-fir seedling growth, morphology, and photosynthesis.
- 3585 **Flint, Alan L.** Measured and modeled energy balance parameters to evaluate the environmental conditions of reforestation.

Soil Science—DOCTORS 1987

- 3586 **Almendras, Angela S.** Influence of soil acidity upon nodulation and growth characteristics of *Trifolium subterraneum* L..

- 3587 **Villamayor, Faustino Paysan.** A model for determining soil contrast and its application to five different soil orders.

Soil Science—DOCTORS 1988

- 3588 **Carrijo, Osmar Alves.** Analysis of a hydrologic balance model and Penman-Monteith evapotranspiration estimating methods.
- 3589 **Pikul, Joseph L.** Simulation and field validation of heat and water flow during soil freezing and thawing.

Soil Science—DOCTORS 1989

- 3590 **Busse, Matt D.** Novel characteristics (Intra and Ex planta) of indigenous serogroups of rhizobium meliloti.
- 3591 **Dosskey, Michael G.** The influence of ectomyorrhizae on drought tolerance characteristics of Douglas-fir (*Pseudotsuga menziesii* [Mirb.] Franco) seedlings.
- 3592 **Jensen, Mark E.** Plant community and soil relationships on some rangelands of northeastern Nevada.

Soil Science—DOCTORS 1990

- 3593 **Gardiner, Duane T.** Phosphorus nutrition of pear seedlings with different mycorrhizae and of wheat cultivars with different efficiencies.
- 3594 **Martinez-Cob, Antonio.** Multivariate geostatistical analysis of evapotranspiration and elevation for various climatic regimes in Oregon.

Soil Science—DOCTORS 1991

- 3595 **Feng, Yongsheng.** A continuum model of plant root growth.
- 3596 **McNabb, David H.** Consolidation, compression, and shear strength of four western Oregon forest soils.
- 3597 **Ouyang, Ying.** Dynamic mathematical model of oxygen and carbon dioxide exchange between soil and atmosphere.

Soil Science—DOCTORS 1992

- 3598 **Al-Taher, Mohamad A.** Geostatistical applications to salinity mapping and simulated reclamation.

Statistics—DOCTORS 1983

- 3599 **Gray, Robert James.** Goodness-of-fit tests for censored survival data.
- 3600 **Thomas, Dana Lester.** Confidence bands for percentiles in the linear regression model.
- 3601 **Wildman, Valerie Jean.** A new estimator of effective area surveyed in wildlife studies.

Statistics—DOCTORS 1984

- 3602 **Hanlen, Richard C.** An atom approach to assessing the outlier properties of probability models.
- 3603 **Lin, Tsae-yun Daphne.** An application of optimal experimental design theory and extended least squares parameter estimation methods to a stochastic one compartment model.
- 3604 **McClellan, Paul James.** Maximin-efficient admissible linear unbiased estimation in mixed linear models.

Statistics—DOCTORS 1985

- 3605 **Limam, Mohamed.** Simultaneous tolerance intervals in the linear regression model.

Statistics—DOCTORS 1986

- 3606 **Aminzadeh, Mostafa S.** Aminzadeh, Mostafa S.. Prediction intervals in exponential families.
- 3607 **Cid, Luis Serrano.** Estimation of the feedback parameters in a closed-loop system: a geophysical problem.
- 3608 **Garoui, Abderrazak.** Estimating population totals from area frame samples.

- 3609 **Pereira, Clifford Brian.** On admissibility among affine sets of linear estimators.

- 3610 **Rady, El-Houssainy Abdelbar.** Testing fixed effects in mixed linear models.

Statistics—DOCTORS 1987

- 3611 **Longmate, Jeffrey A.** Analysis of enumerative data in randomized block designs.
- 3612 **Peterson, Bruce (Bruce Alan).** Resource limited competition of two species : a dynamic model of a perturbed neutrally stable system.
- 3613 **Saleh, Amina Ali Abd El-Fattah.** Nonlinear unbiased estimators that dominate the intra-block estimator.

Statistics—DOCTORS 1988

- 3614 **El-Arishy, Samia Mosaad Aly.** Improving on the intra-block estimator via a nonlinear normal equation estimator.
- 3615 **Rossi, Richard J.** Nonparametric density estimation by generalized expansion estimators—a cross-validation approach.
- 3616 **Siripanich, Pachitjanut (Dasnanjali).** Estimating root mean squared error in the one-way random model.
- 3617 **Yang, Minghui.** A hazardous-inspection model with costly repair.

Statistics—DOCTORS 1989

- 3618 **Abdelhafez, Mohamed Elwy Mahran.** Bootstrap prediction and tolerance intervals for the Weibull regression model with censored data.
- 3619 **Halawa, Adel Mahmoud.** Testing for location after transformation to normality.
- 3620 **Hussein, Osama Abdelaziz.** Robust estimation for the mean of skewed distributions.

Statistics—DOCTORS 1990

- 3621 **Bedier, Mostafa Abdellatif.** Post stratified estimation using a known auxiliary variable.
- 3622 **Bolouri, Maryam.** Network models with generalized upper bound side constraints.
- 3623 **Ganio-Gibbons, Lisa M.** Diagnostic tools for overdispersion in generalized linear models.
- 3624 **Hall, Kathryn B.** Economically optimal control charts for two stage sampling.
- 3625 **Sauter, Roger M.** A method for estimation of generalized linear models when explanatory variables contain measurement error.
- 3626 **Viroonsri, Boonchai.** Estimation of totals for skewed populations in repeated agricultural surveys.

Statistics—DOCTORS 1991

- 3627 **O'Donnell, Robert P. (Robert Paul).** Fisher and logistic discriminant function estimation in the presence of collinearity.

Statistics—DOCTORS 1992

- 3628 **Lin, Lie-fen.** Uses of Bayesian posterior modes in solving complex estimation problems in statistics.

Toxicology—MASTERS 1987

- 3629 **Hackett, Murray.** The determination of selected polychlorinated dibenzo-p-dioxins and dibenzofurans in environmental samples from sites associated with the use of chlorophenolic wood preservatives.

Toxicology—MASTERS 1989

- 3630 **Levy, Sharon.** The effect of 3, 3', 4, 4', 5, 5'-hexachlorobiphenyl on production of interleukins 1 and 2 and lymphocyte proliferation in an allogenic response.

Toxicology—MASTERS 1990

- 3631 **Núñez, Oliva.** The progression of aflatoxin B₁s (AFB₁s) hepatocarcinogenesis in rainbow trout (*Oncorhynchus mykiss*): I. AFB₁ metabolism and cytotoxicity affecting hepatocarcinogenesis II. Ultrastructure of hepatocellular neoplasms.
- 3632 **Wong, Sue Sun.** In vitro metabolism of pyridine and chlorpyrifos by rainbow trout liver microsomes.

Toxicology—MASTERS 1992

- 3633 **Wettasinghe, Asoka.** Environmental behavior of Dacthal.

Toxicology—DOCTORS 1985

- 3634 **Matlock, John Patrick.** Altered lipid metabolism and impaired clearance of cholesterol in plasma of Swiss-Webster mice fed cyclopropanoid fatty acids.

Toxicology—DOCTORS 1988

- 3635 **Nichols, John W.** An assessment of the cardiac toxicity of compounds that cause methemoglobinemia using a non-vascularized fish heart model.

Toxicology—DOCTORS 1989

- 3636 **McKim, James M.** The effects of 2, 3, 7, 8-tetrachlorodibenzo-p-dioxin on acetyl-CoA carboxylase and other lipogenic enzymes.
- 3637 **Schlenk, Daniel K.** Xenobiotic biotransformation in aquatic organisms.

Toxicology—DOCTORS 1990

- 3638 **Eshleman, Amy J.** Pyrethroid insecticide interaction with the GABAA receptor and the peripheral-type benzodiazepine receptor of rainbow trout brain.
- 3639 **Mangold, Kathy A.** Characterization of a ras gene in rainbow trout.
- 3640 **Rochelle, Lori G.** Chlordecone impaired biliary excretion: in vivo and in vitro correlates.

Toxicology—DOCTORS 1991

- 3641 **Gilroy, Duncan J.** Paracellular/transcellular perturbations in hepatobiliary dysfunction.
- 3642 **Schmieder, Patricia K. (Patricia Kathleen).** Cardiac output and respiratory measurements in the rainbow trout and their application to the study of blood and water flow limitations on chemical flux at the gill.

Toxicology—DOCTORS 1992

- 3643 **Chen, Chiareiy Liu.** The effect of vitamin B₁₂s on selenium and arsenic metabolism.
- 3644 **Deyo, James A.** Immunotoxicity of the pyrrolizidine alkaloid monocrotaline in C57B1/6 mice.
- 3645 **Kelly, Jack D.** Oxidative stress and carcinogenesis in trout.
- 3646 **Lee, Min-young.** Flavin-containing monooxygenase, tissue specific regulation in rabbit.
- 3647 **Zangar, Richard Carl.** Long term changes in hormone and carcinogen metabolizing enzymes following neonatal exposure to xenobiotics in the rat.

Trade and Industrial Education see—Vocational and Technical Education

Veterinary Medicine—MASTERS 1985

- 3648 **Bakhiet, Mohammed R.** Separation of protective antigens in a saline extract of *Pasteurella multocida* type 4.
- 3649 **Poet, Steven E.** Genomic comparisons of two plaque variants of San Miguel sea lion virus, Type 5 and Type 8.

- 3650 **Syhre, Danny R.** Efficacy of morantel sustained release bolus against gastrointestinal nematodes in first season grazing Holstein calves.

Veterinary Medicine—MASTERS 1988

- 3651 **Wallner-Pendleton, Eva Andrea.** The early pathogenesis of *Pasteurella multocida* infection studied by immunohistochemical techniques.

Veterinary Medicine—MASTERS 1990

- 3652 **Ahmad, Mueez.** Application of monoclonal antibody for the immunohistochemical detection of Newcastle disease virus in the chicken.

Veterinary Science—MASTERS 1983

- 3653 **Ullrich, Nancy Ann.** Viral causes of pneumoenteritis in lambs in western Oregon.

Veterinary Science—MASTERS 1987

- 3654 **Chaloupka, Kim A.** Development and optimization of a kinetics-based enzyme-linked immunosorbent assay (KELA) for serologic diagnosis of bovine respiratory syncytial virus infection.
- 3655 **Richards, Laura S.** The anthelmintic activity of SCH 32481 (netobimin^{superscript R}) against gastrointestinal nematodes in cattle and sheep and *Fasciola hepatica* in sheep.

Veterinary Science—MASTERS 1989

- 3656 **Khosraviani, Mehraban.** Monoclonal antibodies against P-1059 strain of *Pasteurella Multocida*.

Veterinary Science—MASTERS 1990

- 3657 **Boyt, Peter M.** Prevalence and distribution of calicivirus neutralizing antibody in selected U.S. cattle.
- 3658 **Rickard, Lora G.** The Epizootiology of gastrointestinal nematodes of cattle in selected areas of Oregon.

Veterinary Science—MASTERS 1991

- 3659 **Huber, Michael J.** The fate and effects of implanted autogenous osteochondral fragments on the middle carpal joint of horses.

Veterinary Science—MASTERS 1992

- 3660 **Abrar, Mahdi.** Respiratory pathogenesis of *Pasteurella Multocida* in turkeys.
- 3661 **Whipple, Margaret Jo.** Development of an enzyme-linked immunosorbent assay for the serologic diagnosis of bovine adenovirus type 3.
- 3662 **Youngberg, Jill Annette Meyer.** The effect of 3,4,5,3',4',5'-hexachlorobiphenyl on plasma corticosterone and prolactin concentration in the mouse.

Vocational and Technical Education see also—Home Economics Education

Vocational and Technical Education—MASTERS 1985

- 3663 **Harrison, Marion E. (Business Education)** The effect of previewing words on timed writings.

Vocational and Technical Education—MASTERS 1987

- 3664 **Ruyle, Kim E. (Trade and Industrial Education)** Effectiveness of an expert system for teaching casting defect diagnosis in engineering and technical education.

Vocational and Technical Education—MASTERS 1991

- 3665 **Fletcher, Judith Ann.** (Business Education) An analysis of the attitudes of traditional-aged and non-traditional-aged females about computers in word processing classes at Oregon's community colleges.

Vocational and Technical Education—MASTERS 1992

- 3666 **Sawyer, Rita.** (Business Education) An analysis of first-year accounting curriculum/methods at the high school, community college, and university levels in Oregon : implications for teacher education.

Vocational Education see also—Vocational and Technical Education

Vocational Education—MASTERS 1989

- 3667 **Martinson, Steven Eric.** An evaluation model for international short-term training programs in small-scale fisheries.

Vocational Education—DOCTORS 1983

- 3668 **Bauer, Annabel Bernice.** An assessment of needs and interests for multicredentialed allied health workers in rural Wisconsin hospitals.
- 3669 **Clauser, Craig.** Development and validation of a scale to measure vocational educators' attitudes toward the handicapped.
- 3670 **Hammer, Rita Lynn.** First-line supervisor competencies in Oregon manufacturing industries as identified by three employment levels.
- 3671 **Rohrer, William H.** Identifying significant variables in the transition from school to work: a causal model.
- 3672 **Rutanawilai, Saowaporn.** The outcomes of the use of a Structured Observation Scale in supervising secondary student teachers.

Vocational Education—DOCTORS 1984

- 3673 **Johnson, Dexter W.** The effect of format on the understanding and preferences for selected components by typical users of farm building plans.
- 3674 **Martin, Sharon.** Development and validation of an instrument to assess the organizational climate in community colleges.
- 3675 **Rose, Carolyn K.** Identifying the commitment of vocational teachers to collective bargaining associations in Washington state.
- 3676 **Toby, Tony Udo.** A study of factors influencing the selection of vocational teacher education by undergraduate students at Oregon State University.

Vocational Education—DOCTORS 1985

- 3677 **Akeyo, Valerie Tabitha.** A comparative analysis of clerical office occupations teachers' and business employers' perceptions of the competencies important for a high school graduate of clerical office occupations program to possess for an entry-level job in Oregon.
- 3678 **Kingry, Larry Kit.** The role of Oregon community colleges in economic development as perceived by community college faculty and administrators and the business community which they serve.

Vocational Education—DOCTORS 1987

- 3679 **Henich, Michael Cloyd.** Relationship between trends in technological changes and patterns in vocational in-service education.

- 3680 **Lin, Chin-yen David.** A study of the factors that influence industrial education instructors to use computers.

Vocational Education—DOCTORS 1988

- 3681 **Foertsch, Richard.** A perceptual study regarding the importance of identified university cooperative education coordinator tasks and preferred organizational formats.
- 3682 **Gómez Rodas de Varela, Anamaría.** An agricultural curriculum for the common cycle of general culture for rural Honduras.

Vocational Education—DOCTORS 1989

- 3683 **Acker, David G.** Relevance of U. S. graduate education in agriculture to careers in agricultural development of East African agriculturalists.
- 3684 **Kuo, Chu-hsun.** Factors that influence electronics technicians to participate in work-related training.

Vocational Education—DOCTORS 1990

- 3685 **Swan, Michael Kent.** Administrator and vocational educator perceptions regarding summer vocational agriculture program activities.
- 3686 **Villarroel Diaz, Carlos Enrique.** Guidelines for the development of two-year vocational technical community colleges in Venezuela.

Vocational Education—DOCTORS 1991

- 3687 **Merickel, Mark L.** A study of the relationship between perceived realism and the ability of children to create, manipulate and utilize mental images in solving problems.
- 3688 **Ruyle, Kim E.** Developing conventional and intelligent job aids : a case study.

Vocational Education—DOCTORS 1992

- 3689 **Hagan, Jacky May.** A study of the factors that influence disadvantaged female community college students' career choices.
- 3690 **Rasmussen, Clyde A.** Identification and analysis of factors that influence adult students to participate in distance learning programs.

Wildlife Science—MASTERS 1983

- 3691 **Green, Gregory A.** Ecology of breeding burrowing owls in the Columbia Basin, Oregon.
- 3692 **Haak, Bruce Allen.** Foraging ecology of prairie falcons in northern California.
- 3693 **Happe, Patricia Jenkins.** The use of suburban habitats by Columbian black-tailed deer.
- 3694 **Meier, Karen Elizabeth.** Habitat use by opossums in an urban environment.
- 3695 **Noyes, James Harry.** Diet and nutrition of breeding canvasback and redhead ducks at Ruby Lake National Wildlife Refuge, Nevada.

Wildlife Science—MASTERS 1984

- 3696 **Gehman, Steven D.** Activity patterns and behavior of free-living Nuttall's cottontails.
- 3697 **Meyers, S. Mark.** Selection of nesting and brood-rearing habitat by female ring-necked pheasants in the Willamette Valley, Oregon.

Wildlife Science—MASTERS 1985

- 3698 **Haensly, Thomas F.** Relationships between depredation of nests of ground-dwelling birds and habitat structure and pattern.
- 3699 **Islam, Kamal.** Habitat use by Western Tragopans in northeastern Pakistan.

Wildlife Science—MASTERS 1986

- 3700 **Boone, Daniel L.** Breeding biology and early life history of the tufted puffin (*Fratercula cirrhata*).
- 3701 **Goggans, Rebecca.** Habitat use by flammulated owls in northeastern Oregon.

Wildlife Science—MASTERS 1987

- 3702 **Hunter, Robin E.** Prey selection by peregrine falcons during the nestling stage in Alaska.
- 3703 **Mellen, Teresa Kim.** Home range and habitat use of pileated woodpeckers, western Oregon.
- 3704 **Schroer, Gregory L.** Seasonal movements and distribution of migratory Roosevelt elk in the Olympic Mountains, Washington.

Wildlife Science—MASTERS 1988

- 3705 **Cooper, Kevin Craig.** Seasonal movements and habitat use of migratory elk in Mount Rainier National Park.
- 3706 **Marquez, Monica.** Leadership behavior and foraging strategies of a herd of Roosevelt elk inhabiting the Oregon Coast Range.

Wildlife Science—MASTERS 1989

- 3707 **McGarigal, Kevin.** Human-eagle interactions on the lower Columbia River.
- 3708 **Miller, Gary Scott.** Dispersal of juvenile northern spotted owls in western Oregon.
- 3709 **Nelson, S. Kim.** Habitat use and densities of cavity-nesting birds in the Oregon Coast Range.

Wildlife Science—MASTERS 1990

- 3710 **Blakely, Kevin L.** Foraging ecology of California quail and response of key foods to habitat manipulations in western Oregon.
- 3711 **Hammond, Ellen L.** Mark-recapture estimates of population parameters for selected species of small mammals.

Wildlife Science—MASTERS 1991

- 3712 **Coe, Holly N.** Use of wetlands in the Tulare Lake Basin by wintering ducks.
- 3713 **Friesen, Cheryl Ann.** The effect of broadcast burning on the quality of winter forage for elk, western Oregon.
- 3714 **Helmich, Bryan T.** Controlling damage by ring-necked pheasants to sprouting corn in southwestern Idaho.
- 3715 **Kilbride, Kevin M.** Applications of radiotelemetry to studies of California quail in western Oregon.
- 3716 **Rosenberg, Daniel K.** Characteristics of northern flying squirrel and Townsend's chipmunk populations in second- and old-growth forests.
- 3717 **Youkey, Donald E.** Bird and rodent nesting in excavated cavities in Pinon-juniper woodland, southeastern Colorado.

Wildlife Science—MASTERS 1992

- 3718 **Gregg, Micheal A.** Use and selection of nesting habitat by sage grouse in Oregon.
- 3719 **Hacker, Amy L.** Population attributes and habitat selection of recolonizing mountain beaver (*Aplodontia rufa*).
- 3720 **Seward, Dawn R'lene.** Use of the Judas goat technique to eradicate the remnant feral goat population on San Clemente Island, California.
- 3721 **Suzuki, Nobuya.** Habitat classification and characteristics of small mammal and amphibian communities in beaver-pond habitats of the Oregon Coast Range.
- 3722 **Woodbridge, Brian.** Habitat selection by nesting Swainson's hawks : a hierarchical approach.

Wildlife Science—DOCTORS 1983

- 3723 **Leslie, David M.** Nutritional ecology of cervids in old-growth forests in Olympic National Park, Washington.

Wildlife Science—DOCTORS 1985

- 3724 **Baber, Daniel W.** Ecology of feral pigs on Santa Catalina Island.
- 3725 **Bromley, Robert G. H.** The energetics of migration and reproduction of dusky Canada geese (*Branta canadensis occidentalis*).
- 3726 **McIntire, Patrick W.** The role of small mammals as dispersers of mycorrhizal fungal spores within variously managed forests and clearcuts.

Wildlife Science—DOCTORS 1987

- 3727 **Eberhardt, Lester E.** Ecology of Great Basin Canada goose broods in southcentral Washington.
- 3728 **Miles, A. Keith.** Turf assemblage of a *Macrocystis* kelp forest : experiments on competition and herbivory.

Wildlife Science—DOCTORS 1988

- 3729 **Lutz, Robert Scott.** Selected life history aspects and habitat use by Merriam's wild turkeys in Oregon.

Wildlife Science—DOCTORS 1989

- 3730 **Carraway, Leslie N.** A morphologic and morphometric analysis of the relationships within the "sorex vagrans species complex" in the Pacific coast region.

Wildlife Science—DOCTORS 1990

- 3731 **Euliss, Ned H.** Assessment of drainwater evaporation ponds as waterfowl habitat in the San Joaquin Valley, California.

Wildlife Science—DOCTORS 1992

- 3732 **Islam, Kamal.** Evolutionary history and speciation of the genus *Tragopan*.
- 3733 **Mausser, David M.** Ecology of mallard ducklings on Lower Klamath National Wildlife Refuge, California.

Zoology—MASTERS 1983

- 3734 **Adams, Brett Alan.** Blood calcium and phosphorus perturbations in rainbow trout (*Salmo gairdneri*) and coho salmon (*Oncorhynchus kisutch*) : some correlates of physiological stress.
- 3735 **D'Antonio, Carla M.** Population and community ecology of the red alga *Rhodomela larix* (Turner) C. Agardh, on the central Oregon coast.
- 3736 **Lumas, Kathy A.** Morphological and endocrine correlates of dominance in male ring-necked pheasants (*Phasianus colchicus*).
- 3737 **Meisenhelder, Jill.** The effects of extracellular matrix glycosaminoglycans on adhesion and histogenesis of neural retina cells.

Zoology—MASTERS 1984

- 3738 **Boyd, Sunny K.** Hormonal, experiential and social influences on the reproductive behavior of the vole, *Microtus canicaudus*.
- 3739 **Moore, Edith.** The function of orange breeding coloration in the social behavior of the long-nosed leopard lizard (*Gambelia wislizenii*).
- 3740 **Staley, Kathryn Boyer.** Purine deposition in the skin of juvenile coho salmon, *Oncorhynchus kisutch*.
- 3741 **Weaver, Alice.** Isolation of newt lung ciliated cell models and characterization of their motile capabilities.

Zoology—MASTERS 1985

- 3742 **Fairfax, Carolyn S.** Suppression of yolk polypeptide gene expression in *Drosophila melanogaster* by sodium butyrate treatment.
- 3743 **Furgal, Sheryl M.** Ganglionic circulation and regulation of cardiovascular activity in *Aplysia californica*.
- 3744 **Hews, Diana K.** An investigation of the alarm response in anuran amphibian larvae.
- 3745 **Olson, Annette M.** Early succession in beds of the red alga, *Iridaea cornucopiae* Post. & Rupr. (Gigartinaceae): alternate pathways.
- 3746 **Pierce, Laura G.** Characterization of putative recognition components of echinoderm coelomic fluid: agglutinins in *Strongylocentrotus purpuratus*.

Zoology—MASTERS 1986

- 3747 **Brown, Alice F.** An experimental test of optimal outbreeding in the harpacticoid copepod *Tigriopus californicus* (Baker).
- 3748 **Estes, Patricia S.** Cardiovascular and respiratory responses of the ghost shrimp, *Callinassa californiensis* Dana, and the pesticide carbaryl and its hydrolytic product 1-naphthol.

Zoology—MASTERS 1987

- 3749 **Treneman, Nancy C.** Fecundity and longevity in *Tribolium castaneum*: a selection experiment.

Zoology—MASTERS 1988

- 3750 **Wiens, Brenda L.** Anatomical and physiological characterization of cardiac innervation in the nudibranch, *Archidoris montereyensis*.

Zoology—MASTERS 1989

- 3751 **Fuller, Claire A.** Kin recognition in Townsend's chipmunks (*Tamias townsendii*).

Zoology—MASTERS 1990

- 3752 **Peterson, Jeffrey A.** Unpalatability as an antipredator defense in anuran larvae.

Zoology—MASTERS 1991

- 3753 **Wagner, Sara Anne.** Response to Hypoxia in the staghorn sculpin, (*Leptocottus armatus*).

Zoology—DOCTORS 1983

- 3754 **Gaines, Steven D.** Diverse consumer guilds in intertidal communities of Oregon and the Republic of Panama and their effects on prey assemblages.
- 3755 **Lowy, Robert Joel.** Isolation and characterization of a larval crustacean salt gland from the brine shrimp *Artemia salina*.
- 3756 **Turner, Teresa.** Community organization and succession in rocky intertidal surfgrass beds.

Zoology—DOCTORS 1984

- 3757 **Marsh, Christopher P.** The role of avian predators in an Oregon rocky intertidal community.
- 3758 **Zoeller, Robert T.** The role of luteinizing hormone-releasing hormone in the neuroendocrine control of seasonal reproduction in male rough-skinned newts, *Taricha granulosa*.

Zoology—DOCTORS 1985

- 3759 **Spielvogel, Sandra Petersen.** The role of perinatal androgens in the development of neuroendocrine and behavioral characteristics of the gray-tailed vole, *Microtus canicaudus*.

Zoology—DOCTORS 1986

- 3760 **Boswell, Carl A.** Immunological perspectives of a host-parasite system: studies on the humoral and cellular components of *Biomphalaria glabrata*, New World host for *Schistosoma mansoni*.
- 3761 **Doyle, Arlene T.** Small mammal micro- and macrohabitat selection in streamside ecosystems.
- 3762 **Herbst, David B.** Comparative studies of the population ecology and life history patterns of an alkaline salt lake insect: *Ephydra* (*Hydropyus*) *hians* Say (Diptera:Ephydriidae).
- 3763 **West, Lani.** Prey selection by the tropical marine snail *Thais melones*: a study of the effects of interindividual variation and foraging experience on growth and gonad development.

Zoology—DOCTORS 1988

- 3764 **Boyd, Sunny K.** Characterization and localization of arginine vasotocin receptors in the brain and kidney of an amphibian.
- 3765 **Farrell, Terence M.** Succession and stability in two rocky intertidal communities on the central Oregon coast.

Zoology—DOCTORS 1989

- 3766 **Flory, Craig M.** Neural regulation of immunity in teleosts.
- 3767 **Olson, Deanna H.** The ecological and behavioral dynamics of breeding in three sympatric anuran amphibians.
- 3768 **Propper, Catherine R.** Courtship-induced changes in female sexual receptivity: a neuroendocrine study in an amphibian.

Zoology—DOCTORS 1990

- 3769 **Ligman, Scott H.** Neuronal and hormonal control of the vascular system of the marine mollusc, *Aplysia californica*.
- 3770 **Robinson, Scott R.** A comparative study of prenatal behavior ontogeny in altricial and precocial murid rodents.
- 3771 **Swanson, David L.** Seasonal thermoregulation in the dark-eyed junco (*Passeriformes: Junco hyemalis*).
- 3772 **Trowbridge, Cynthia D.** Marine herbivore-plant interactions: the feeding ecology of the sea slug *Placida dendritica*.
- 3773 **Yates, Kenneth R.** The feeding ecology of the gumboot chiton, *Cryptochiton stelleri* (Middendorff, 1846).
- 3774 **Zirkle, Dave F.** A quantitative genetic analysis of fitness characters in *Tribolium confusum*.

Zoology—DOCTORS 1991

- 3775 **Booth, David J. (David John)** Larval settlement and juvenile group dynamics in the domino damselfish (*Dascyllus albisella*).
- 3776 **Tissot, Brian N. (Brian Nelson)** Geographic variation and mass mortality in the black abalone: the roles of development and ecology.

Zoology—DOCTORS 1992

- 3777 **Chen, Jyun-hung.** Cell activation model of hemocyte aggregation and adhesion in the California mussel, *Mytilus californianus*.
- 3778 **Morgan, James L. M.** Peptidergic regulation of visceral motor circuits in the Sea Hare, *Aplysia californica*.
- 3779 **Orchinik, Miles.** Biochemical and behavioral characterization of steroid receptors in neuronal membranes.
- 3780 **Tamelen, Peter G., van.** Algal community structure and organization in high intertidal rockpools.

Abbes, Ahmed., 2509
 Abdalla, Osman S., 985
 Abdel-Gadir, Abdelazim Yassin., 2069
 Abdel-Warith, Ahmed S., 748
 Abdelgadir, Salaheldin Eltigani., 151, 226
 Abdelhafez, Mohamed Elwy Mahran., 3618
 Abdelli, Smida., 134
 Abdelnour-Esquivel, Ana., 3420
 Abdennader, Mourad., 975
 Abdul-Latif, Fazilah., 306, 350
 Aberle, Susan E., 3164
 Abhyankar, Rajendra., 1337
 Abou-Fadel, Olga Samir., 1872
 Abrams, Arnold H., 1127
 Abrar, Mahdi., 3660
 Abu-Al-Saud, Abdullah A., 536
 Abu-Dayeh, Mahmoud A., 1338
 Abu-Saleh, Kadhem Mohammad., 1190
 Abusaidi, Ali., 2770
 Abweh, Nael Nabih., 1302
 Aceves-Saborio, Salvador Martin., 2921, 2987
 Acholonu, Wilfred W., 3318
 Acker, David G., 3683
 Ackley, Donald R., 124
 Acle, Dadie., 1522
 Acuna, Enzo S., 3194
 Acuna, Fernando R., 1287
 Adams, Brett Alan., 3734
 Adams, Elaine A., 1881
 Adams, Susan Elizabeth., 785
 Adduci, Virginia., 2634
 Adera, Tilahun., 1171
 Adolf, Ronald L., 508
 Adre, Norberto., 140
 Adu-Asamoah, Richard., 101
 Agamenonni, Raul Jose., 910
 Agha-Mirsalim, Mojtaba., 1457
 Agoston, Agoston., 1452
 Aguilar, Ramon Pacheco., 1858
 Ahearn, Mary C., 74
 Ahern, Kevin., 335
 Ahmad, Irshad., 2399
 Ahmad, Mueez., 3652
 Ahmad, Shahbaz., 1004
 Ahmed, Awadelkarim Hamid., 68
 Ahmed, Mahbub I., 1394
 Ahn, Byoungchul., 1467
 Ahn, Joong Bae., 302
 Ahrens, Glenn R., 2145
 Ainsworth, Rebecca A., 251
 Ait Amer Meziane, Aomar., 901
 Akanbi, Kamil Agbolade., 241
 Akanbi, Olajumoke., 3440
 Akbari, Ahmad., 93
 Akella, Annapoorna., 577
 Akeyo, Valerie Tabitha., 3677
 Akiyoshi, Donna E., 329
 Akobundu, Regina E., 1238
 Akyeampong, Ataa Asamoah., 1128
 Al Dahhan, Muthana H., 509
 Al-abdulwahhab, Hamad I., 728
 Al-Agha, Osama K., 2718
 Al-Aghbari, Abdulwali M., 3435, 3450
 Al-Alusi, Thamir R., 2988
 Al-Bassam, Sulaiman., 843
 Al-darwish, Nasir Ali., 836
 Al-Dhelaan, Abdullah., 837
 Al-haboubi, Muhammad H., 2730
 Al-Hozab, Adel Abdulla., 232
 Al-Hussinie, Abdulaziz S., 109
 Al-Kahtani, Abdullah A., 578
 Al-Madani, Mohamed E., 2771
 Al-Malah, Kamal Issa Masoud., 520
 Al-Mulhem, Muhammed Saleh., 844
 Al-Omran, Abdrubalrasol Mosa., 3578
 Al-Qunaibet, Mohammad H., 75
 Al-Rabeh, Raed H., 1395
 Al-Shargi, Mohammed Rashed., 3512
 Al-Shedokhi, Saad Abdul-Karim., 1146
 Al-Shehri, Abdallah M., 1447
 Al-Shehry, Ali Maadi., 1210
 Al-Swailmi, Saleh H., 755
 Al-Taher, Mohamad A., 3598
 Al-Zahrani, Abdulrahim., 537
 Al-Zoreky, Nageb., 1805
 Alabdulsalaam, Thabit Z., 1735
 Alabi, Nathaniel Sigismund., 216
 Alablani, Salam A., 1736
 Alam, Arshad., 2943
 Alaoui, Larbi., 3174
 Alavizadeh, Seyed Nasser., 2965
 Alayan, Mohammad Atta., 305
 Alba, Elena L., 937
 Albahouh, Muhammed S., 889
 Albright, Stephen L., 2910, 2989
 Albro, Jonathan D., 206
 Alejandro-Castro, Mabel., 3467
 Alexander, Gail Marie., 2240
 Alexander, Robert M., 1083
 Alexander, Susan J., 1982
 Ali, Akhtar., 2583
 Ali, Hussein Mohamed., 3468
 Ali, Md. Shahjahan., 1034
 Ali, Mohamed Aslam., 2070
 Ali, Safdar., 3552
 Ali, Seham A., 3346
 Ali, Shaukat., 2155
 Alig, Ralph J., 1991
 Alkoshab, Othman., 2517, 2600
 Allen, Daniel P., 2791
 Allen, Patricia Gehrman., 245
 Allen, Tony Michael., 669
 Almarshad, Abdullah I. A., 3155
 Almasoumi, Abdullah Muhammad Sultan., 3156
 Almehti, Mirza A., 366
 Almeida, Frank P., 1641
 Almendras, Angela S., 3586
 Almotaa, Ali., 1239
 Alvarado Omana, Miguel Angel., 2432
 Alvarado, Renan A., 1030
 Alvarez B., Francisco., 1503
 Alvarez, Isabel Fernandez., 434
 Alverson, Edward R., 421
 Amali, Said., 3542
 Amandi, Antonio., 1715
 Amaranthus, Michael., 2192
 Amberg, Sean M., 2255
 Ambrose, Arthur Sigurd., 582
 Amege, Kodjo Y., 729
 Aminzadeh, Mehran G., 1459
 Aminzadeh, Mostafa S., 3606
 Ammar, Karim., 885
 Anthor, Kerstin., 3043
 Amy, Penny Susan., 3059
 Anadu, Donald Igwegbe., 1712
 Anand, Ajay., 3143
 Anders, Juergen., 3384
 Andersen, Peter Craig., 2572
 Andersen, Robert N. (Robert Niels)., 2890
 Anderson, David M (David Matthew)., 2081
 Anderson, Dirk M., 384
 Anderson, Harry R., 1294
 Anderson, James A. (James Allen)., 1681
 Anderson, John L., 3311
 Anderson, Wendy (Wendy Lee)., 2518
 Andrews, Cheri L., 2827
 Angwin, Peter Andrew., 392, 471
 Ann, Seung-Han., 1339
 Anstine, Daniel D., 1262
 Anteneh, Berhanu., 58
 Antos, Joseph A., 446
 Apley, Kathryn Lynne., 902
 Appelgate, T. Bruce., 3239
 Apple, Jeanne Debons., 459
 Arakawa, Cindy Keiko., 3021
 Araki, Yoshitaka., 131
 Arason, Pordur., 2452
 Archibong, Anthony Effanga., 227
 Arib, Fouad., 2930
 Arkoosh, Mary., 3104
 Armstrong, Carolyn Sue., 875
 Armstrong, James R. (James Russel)., 817
 Arnold, Andrew M., 182
 Arroyo, Aline Asa., 2654
 Arshi, Taymoor., 827
 Asadi, Mohammad Ayman O., 1307
 Asam, Susam Lynn., 1610
 Aslam, Fatima., 2045
 Asquith, Adam., 1574
 Astell, Rebecca L., 1903
 Atkins, Virginia Foster., 1084
 Atluri, Venkata Ram., 1340
 Aubuchon, Ann T., 2628
 Audunsson, Haraldur., 2451
 Aumen, Nicholas G., 3073
 Avcin, Abdulkadir., 958
 Avedovech, Richard M., 1859
 Avery, Robert B., 1930
 Axelsson, Gudni., 2448
 Axness, Daniel S., 374
 Azim, Bilqees., 3135
 Azimi-Zonooz, Aydeen., 2735
 Baan, Hugo E., van de., 1568
 Baas, John M., 2000
 Baba, Jumpei., 3281
 Babb, Michael G., 2013
 Baber, Daniel W., 3724
 Baca, Steve., 399
 Bachman, William C., 1211
 Badayos, Rodrigo Briones., 3569
 Badyal, Rajeev., 1414
 Bae, Young Lib., 2969
 Bae, Youngsoo., 2067
 Baek, Jong Ho., 1919
 Baek, Yoon Su., 2993
 Baeuerle, Brigitte G., 3254
 Baghgandomi, Shahla Saidi., 787
 Bahls, Peter F., 1741
 Bahr, Frederick L., 3259
 Baig, Mirza Shahid., 2422
 Baik, Seung-Hyuk., 3454
 Bailey, Cindee., 2663
 Bailly, Albert L., 1415
 Baker, Dan M., 2352

Baker, Gerald Timothy., 1544
 Baker, John J., 16
 Baker, Linda J., 2353
 Bakhiet, Mohammed R., 3648
 Bakir, Alla J. M., 3136
 Bakiri, Ghulum., 847
 Bakke, Paul D., 2917
 Bakun, Andrew., 3292
 Balaban, Gerald M., 1212
 Balcom, John Charles., 1923
 Baldridge, Gerald D., 1506
 Baldwin, Edith E., 1109
 Ball, Bruce L., 719
 Ballachey, Brenda Elizabeth., 218
 Ballo, Barbara., 452
 Baltazar, Baltazar., 947
 Barber, John Prentiss, Jr., 3470
 Barber, Richard L., 1989
 Barbour, Philip L. (Philip Lee)., 288
 Bares, Steven J., 587
 Barkowski, Sarah Lee., 607
 Barnes, Debbie L., 1820
 Barrie, Rosemary Jean., 3044
 Barrow-Hurlbert, Sarah A., 2325
 Barth, Alexander W., 3562
 Bartholomew, Jerri Lee., 3096
 Bartlett, Mark W., 2410
 Barton, Bruce Alexander., 1668
 Barton, Kathleen Patricia., 487
 Bashir, Mohommed., 2872
 Baskerville, Linda F., 2482
 Basketfield, Daniel L., 135
 Baskin, Richard., 2005
 Basler, Susan E., 152
 Bassil, Nahla V., 2548
 Batchelder, Harold Parker., 3282
 Bate, John G., 1323
 Bates, Jonathan D., 53
 Bates, Margaret K., 1588
 Bates, Reid A., 1060
 Batteen, Mary L., 292
 Bauer, Annabel Bernice., 3668
 Bauer, Steven Gerard., 8
 Bauer, Timothy Lee., 2904
 Bauman, Michael Aaron., 1806
 Baumgartner, Timothy R., 3293
 Baxter, Lori K., 2691
 Bayaner, Ahmet., 45
 Bayley, Garland J., 838
 Beale, Katherine L., 9
 Bean, Gregory R., 701
 Beardsley, Grant D., 3338
 Beare, Stephen Carroll., 80
 Beattie, Samuel E., 1864
 Beaty, Jon Stuart., 3060
 Beaty, Roy E., 1751
 Beaty, Shirley A., 1129
 Becerra, Michael A., 2233
 Bechtel, Bruce A., 64
 Beck, Becky Ohmer., 1596
 Beck, Rainer D., 637
 Becker, Nancy J., 1891
 Bedier, Mostafa Abdellatif., 3621
 Bée, Michel., 2445
 Beedle, David L., 1954
 Beerman, Kathy A., 1130
 Beeson, Luana J., 2468, 2478, 2483
 Beeson, Richard C., 2593
 Behrenfeld, Mike J., 2241
 Beilstein, Michael A., 3165
 Bekey, Ronald S., 2584
 Belaid, Abderrezak., 94
 Bell, Florian G., 3404
 Bell, Thomas Evans., 2093
 Bellatty, Paul T., 153, 221
 Beller, Harry R., 3216
 Belnavis, Diane Lyn., 1523
 Ben Ayed, Nejib., 149
 Ben-Mahmud, Youssef S., 2712
 Ben-Thlija, Abdellaziz., 3465
 Ben-Younes, Mongi., 1035
 Bender, Carol Lavane., 376
 Benjamin, Ethan., 938
 Bennani, Nancy Gabbert., 1062
 Bennett, Ann C., 2792
 Bennett, Casey Wayne., 595
 Bennett, F. Katharine., 870
 Bennett, Kelly L., 361
 Bennett, Shawn P., 277
 Bentson, Kenneth Paul., 2102, 2193
 Berg, Debra Ann., 187
 Bergan, Ernest E., 1937
 Berge-Chandler, Sonja Kay., 2259
 Berggren, Brad J., 3521
 Berggren-Thomas, Bruce., 161
 Berggren-Thomas, Priscilla L., 167
 Berkman, Thomas Anthony., 2455
 Bernart, Matthew W., 3372
 Bernert, Joseph A., 2274
 Berntsen, Steven Eldon., 1795
 Berris, Steven Neil., 1935
 Berry, Timothy James., 3455
 Bertani, John A., 795
 Bertoni, Gregory., 412
 Bestwick, Richard Keith., 317
 Betancur, Carmen L., 1796
 Bettner, Francoise Soges., 3324
 Betz, Virginia Marie., 2772
 Bevacqua, Robert Francis., 2605
 Biadul, Pongsri., 3543
 Bibby, Michael C., 1308
 Biedenbach, Robert L., 188
 Bills, Debra T., 1705
 Bills, Nathan D., 1886, 1922
 Binder, Eli Eliyahu., 1448
 Bingert, Neil J., 2311
 Birch, Kevin R., 1986
 Bird, David Nelson., 2671
 Bird, Jill M., 2366
 Birjandi, Abbas., 832
 Biskie, Howard A., 146
 Biuk, Abdulmajid Ahmed., 3570
 Black, Charles H., 3584
 Black, Margaret E., 3108
 Blair, T. Ann., 3363
 Blakely, Kevin L., 3710
 Bland, Mark., 3423
 Blodgett, R. B., 2416
 Blood, Pieter H., 1061
 Blount, David Kenneth., 198
 Bober, Pete., 2814
 Bodner, Josef., 2009
 Bodvarsson, Gudrun M., 2892
 Boehne, Rebecca E., 2676
 Boersma, Stephen A., 1172
 Bogart, Victor., 860
 Bogason, Sigurdur Gretar., 1845
 Bohle, Mylen G., 966
 Bohn, Carolyn C., 3460
 Boinnet, Jerry K. K., 903
 Bolden, Robert A., 1147
 Bolkan, Steven A., 601
 Bolouri, Maryam., 3622
 Boltes, Barbara V., 1263
 Bombardier, Louis., 1264
 Bonanno, A. Richard., 2573
 Bonelli, Douglas T., 2297
 Boni, Magloire C., 1776
 Boonchai, Wiriya., 1110
 Boone, Daniel L., 3700
 Boone, Richard D., 2094
 Boonyakiat, Danai., 2578
 Booth, David J. (David John), 3775
 Booth, Joseph., 310
 Booth, Steven R., 1575
 Bootwalla, Salim Mohsin., 3444
 Boraas, Alan Sivert., 1063
 Borchers, Jeffrey G., 2201
 Borchers, Susan L., 2138
 Borin, Marie T., 3350
 Bork, Joyce L., 2175
 Borman, Michael M., 3497
 Boss, Theodore R., 2286
 Bostick, Kent C., 3144
 Boswell, Carl A., 3760
 Botelho, Cindy., 1396
 Bottema, Cynthia D. K., 3064
 Bottema, Murk J., 2881
 Boucher, Barbara H., 2677
 Boudreau, Mark Alan., 482
 Boudreau, Richard L., 702
 Boudrias, Michel Andre., 3217
 Boughanmi, Houcine., 117
 Boula, Kathryn Marcile., 1699
 Boutin, K. James., 1064
 Bouzar, Hacene., 377, 469
 Bouzas, Jorge., 1866
 Bowline, Cynthia M., 3240
 Bowman, James R., 1764
 Boyce, Raymond R., 1693
 Boyd, Sunny K., 3738, 3764
 Boyde, Carol D., 1898
 Boyles, Matthew J., 1830
 Boyse, Peter Dent., 1173
 Boyt, Peter M., 3657
 Bozlee, Brian J., 608
 Bradford, Mary Beth., 314
 Bradshaw, G. A., 2218
 Braga, Luiz F. S., 2454
 Brainerd, Richard E., 2139
 Brandsdottir, Bryndis., 2433
 Brandt, Tina L., 977
 Brandt-Erichsen, Joan., 2645
 Bransom, Mark., 1950
 Braumiller, Jochen., 2442
 Braun, Gary Michael., 3218
 Braunworth, William S., 2594
 Brawn, Robert Charles., 2911
 Brean, Suzanne E., 3436
 Bregenzer, Neil S., 1974
 Brenner, Loretta K., 2554
 Brenner, Vernon J., 771
 Breymann, Marta T. von., 3294
 Bricher, Judith Scheuerman., 1597
 Bricka, Vincent., 2046
 Brik, James., 1085
 Britch, Michael J., 715
 Britschgi, Theresa Baden., 3053
 Brock, Daniel., 1742
 Broderick, Laurie Lynn., 756
 Brodeur, Richard D., 3184
 Broich, Steven L., 435
 Bromley, Robert G. H., 3725

Bronson, Michael Henry., 3329
 Brooker, Deborah L., 2222
 Brookhyser, Ann L., 2815
 Brooks, David J., 1990
 Brooks, Kris., 2290
 Brophy, Jennifer Elaine., 3226
 Brown, Alice F., 3747
 Brown, Carol E., 839
 Brown, Daniel E., 3380
 Brown, Kevin R., 378
 Brown, Kirk Wray., 664
 Brown, Terry L. (Terry Lee)., 1131
 Brown, Wayne E. (Wayne Edward)., 1240
 Browning, Richard L., 2801
 Brubaker, Deloss Allen., 1111
 Bruner, Karen L., 2146
 Brunson, Burlie A., 3272
 Brunson, Mark W., 2075, 2091
 Bruyer, Annette., 1148
 Bruzone, Carlos B., 895
 Brynjolfsson, Sigurdur., 2974
 Brzezinski, Mark A., 3287
 Buchholz, Phyllis S., 3428
 Buckner, Robert E., 3441
 Budd, Clair Allen., 1213
 Buehner, Heidi Renata., 174
 Buerger, Michelle Carlene., 1782
 Buettner, Douglas J., 3394
 Bugnon, Francois J., 1453
 Bukar, Kyari Abba., 3145
 Buktenica, Mark W., 1732
 Bullock, Janis R., 2661
 Bullough, Rosemary Price., 759
 Burger, Roger Allen., 3424
 Burgess, Jean E., 2491
 Burikam, Intawat., 1563
 Burke, Julianna Marie., 3429
 Burkwhat, Henry Edwin., 2606
 Burky, Susan Marie., 1892
 Burnett, Kelly M., 1700
 Burns, Robert N., 2802
 Burton, H. James., 1086
 Burton, Kathryn Lee., 255
 Busse, Kathryn Grace., 3471
 Busse, Matt D., 3590
 Bustaman, Sjahrul., 1752
 Butcher, Karyle S., 2816
 Butler, J. Hugh B., 991
 Butler, James Hall., 3283
 Butzer, Peggy A., 763
 Byrne, David Jerome., 2326
 Cabeza, Felix., 30
 Caday, Peter P., 2785
 Cagle, Russell John., 1265
 Cai, Zheng Wei., 1757
 Caldwell, Michael R., 2034
 Calhoun, Jeannette A., 2327
 Calkin, James D., 1536
 Calomiris, Jon James., 3014
 Camacho, Pablo., 1931
 Camacho-Casas, Miguel Alfonso., 925, 1014
 Cameron, William A., 1743
 Camilleri, Phyllis A., 2367
 Cammack, Janice H., 602
 Campbell, Donald T., 189
 Campi, Gregory Louis., 542
 Campuzano, Gloria., 1900
 Canfield, Philip C., 1476
 Cannon, Debra May., 2318
 Cannon, T. Lincoln., 2082
 Canonizado, Jeremias A., 1996
 Canova, Joseph H., 2944
 Cao, Weixing., 1015
 Capelle, Susan C., 2492
 Capo-Arteaga, Miguel A., 2185
 Cappaert, Mariys R., 413
 Caputo, John Anthony., 3531
 Carbonell, Maria Consuelo., 3206
 Cárdenas, Humberto., 1112
 Cargill, Austen S., 1661
 Carlson, Deirdre H., 3469
 Carlson, Harry Richard., 1664
 Carlson, Jack R., 926
 Carlson, Joan Y., 1944
 Carlson, Ron., 1241
 Carlton, Gary C., 2147
 Carman, Carol J., 2803
 Carmean, David., 1524
 Carmichael, Richard William., 1631
 Carpenter, Daniel G., 2368
 Carpenter, James Anthony., 2369
 Carpenter, Jill L., 1191
 Carr, Maureen Sherry., 1214
 Carraway, Leslie N., 3730
 Carre, Deborah Danielle., 393
 Carrijo, Osmar Alves., 3588
 Carter, William D. (William David)., 1242
 Casaceli, Robert Joseph., 2312
 Cascante Herrera, Xenia., 2519
 Casey, Coreen., 570
 Cassis, Gerasimos., 1550
 Castellano, Michael Angelo., 2103, 2202
 Castellano, Steven D., 3559
 Castillo, Gonzalo C., 1753
 Castle, Linda A., 2260
 Cates, David Lawrence., 493
 Cavaiani, Thomas P., 2900
 Cavanaugh, William M., 2234
 Cázares, Efrén., 483
 Celeste, Stephen J., 703
 Celorie, Jay A., 692
 Cerbone, Giuseppe., 850
 Cerda, Arcadio., 46, 118
 Cerda, Rene., 31
 Cha, Jae Kyung., 2014
 Chadly, Peter Brent., 3120
 Chadwick, Jonathan Michael., 141
 Chaiyapinunt, Somsak., 2955
 Chakerian, Randolph Logan., 2253
 Chakrabarti, Sankar L., 796
 Chalker-Scott, Linda., 2601
 Chaloupka, Kim A., 3654
 Chamberlin, Martha J., 824
 Chambers, William D., 17
 Champlin, Mark R., 3482
 Chan, Samuel S., 2104
 Chandan, Bhaskar Arjundev., 510
 Chang, Chi-soon., 2023
 Chang, Chujyh., 1364
 Chang, Fu-lung., 289
 Chang, Huey-por., 3517
 Chang, Hung-pi., 1821
 Chang, Seong Ook., 1807
 Chang, Shyi-feu., 3344
 Chang, Yoon-seok., 650
 Chang, Yung-jin., 311, 362
 Chang-Lee, Maria Virginia., 1797
 Chapin, Michele F., 3566
 Chapman, Judith A. Sanders., 2750
 Charoenruk, Kongsak., 1192
 Chastain, Thomas G., 927, 1007
 Chatfield, J. Mark., 465
 Chauvot, Isabelle P., 2328
 Chavasit, Visith., 1777, 1863
 Chee, San-hwa., 1397
 Chen, Aihua., 3004
 Chen, Char-Fong., 142
 Chen, Chiareiy Liu., 3643
 Chen, Chu-liang., 207
 Chen, Fuqiang., 893
 Chen, Hsueh-Jen., 2725
 Chen, Jie., 2049
 Chen, Jyun-hung., 3777
 Chen, Kun-ning., 1056, 2689
 Chen, Long Ren., 1398
 Chen, Martin Franklin., 3022
 Chen, Xiao-yan., 3409
 Chen, Xiao., 651
 Chen, Xiaojing., 3260
 Chen, Yinghui., 1905
 Chen, Yuguang., 948
 Chen, Yung-wu., 2488
 Cheng, Guiwen., 2618
 Cheng, Hu., 1065
 Cheng, Ronshan., 1822
 Cherif, Raouf., 928
 Chesley, John Theodore., 2329
 Chesney, Charles J., 1924
 Chiang, Jasson., 1193
 Chiang, Kai-sun., 1043
 Chien, Ching-te., 2140
 Chilanga, Thomson G., 2549
 Child, Stephanie J., 2263
 Chin, Youn Kang., 1439
 Chintakanont, Churaiporn., 1194
 Chiou, Rucybin., 749
 Chitko, Carol G., 175
 Chiu, Tai-sheng., 1669
 Cho, Bokhee., 2655
 Cho, Byung-Oh., 3132, 3158
 Cho, Jong Soo., 534
 Cho, Liling., 259
 Cho, Shi Jean., 260
 Cho, Youn-ok., 1918
 Choi, Allen Siu Chung., 2024
 Choi, Byung Han., 986
 Choi, In-kyeong., 2895
 Choi, Sungwoon., 851
 Chokethaworn, Nantawong., 2713
 Chong, Elee Elizabeth., 543
 Chong, Wesley Kwan Mung., 583
 Chongwe, Edgar Happy., 2555
 Choromanski, Joseph Michael., 1682
 Chou, Chun., 2015, 2061
 Chou, Chung-di., 2707, 2736
 Chouki, Salah., 3463
 Chow, Andrew Siv-Anne., 1365
 Chow, Kuan-chih W., 330
 Christopher, F.Scott., 2646
 Chu, Cheng-tsong., 272
 Chuaratanaphong, Suwanna., 1113
 Chuhe, Chen., 1008
 Chun, Ho-kyung., 769
 Chun, Yip., 3241
 Chung, Alton W., 3207
 Chung, Hyung-Keun., 638
 Chung, Sung Tai., 1066
 Chung, Young-gyo., 2714
 Church, Sara E., 609

Churchill, Alice Cynthia Louise., 379
 Churchill, Thomas E., 2751
 Cid, Luis Serrano., 3607
 Cihak, Michael Raymond., 772
 Clapp, Gary E., 652
 Clark, Charles W. (Charles Wade),
 2330
 Clark, Deborah Ann., 394
 Clark, Deborah Louise., 425
 Clark, Ellen Deehan., 2242
 Clark, Jerry E., 95
 Clark, Larry R., 1087
 Clark, Linda Ann., 2793
 Clark, Randy Jon., 2021
 Clark, Susan L. (Susan Lynn), 3168
 Clarke, Stephen Emil., 211
 Clauser, Craig., 3669
 Clausing-Lee, Marianne Sue., 1266
 Claycomb, Peter T., 3567
 Clayton, James L. (James Lindow),
 3579
 Clemens, Karen E., 3227
 Climstein, Mike., 2684
 Cloninger, Barbara J., 1893
 Clough, Herbert F., 687
 Cluskey, Mary M., 3176
 Clyne, Roger D., 1088
 Coates, K. Dave., 2129
 Cochran, M. Teresa., 2473
 Cochrane, Linda Louise Loomis., 1215
 Coe, Douglas H., 3123
 Coe, Holly N., 3712
 Cohn, Judy L., 1529
 Cola, Vasantha Sunandini., 1132
 Colakyan, Manuk., 531
 Cole, Elizabeth C., 2105
 Cole, Emily Lynne., 1589
 Cole, Madeline L., 2804
 Coll, Kenneth M., 1216
 Collier, John Mark., 1808
 Collin, Edith E., 766
 Collins, Alan., 110
 Collins, Debora Ann., 154
 Collins, John L. (John Leopold), 3228
 Collins, Paul R., 588
 Commandeur, Paul R., 1941
 Compton, Larry A., 346
 Concannon, Julie Ann., 949
 Conger, John D., 2656
 Congo, Curtis L., 1133
 Conkey, Judith A., 1089
 Connor, Jeffery D., 36
 Conrey, Richard M., 2319
 Converse, George A., 802
 Conway, Flaxen D. L., 2520
 Cook, Kathy L., 414
 Cooke, Pamela T., 2123
 Coombs, Malcolm., 2029
 Coop, Leonard Bryan., 1495, 1564
 Cooper, Alan S., 920
 Cooper, Julia M., 2860
 Cooper, Kevin Craig., 3705
 Cooper, Richard Mark., 138
 Corey, Philip David., 725
 Cork, Tracy D., 693
 Corley, Sherie P., 1217
 Comejo-Rodriguez, M. Pilar., 3229
 Corpron, Daniel R., 807
 Corral, Leonardo R., 978
 Cortell, Anna Katherine., 199
 Cosola-Smith, Carrie A., 190
 Costa, Jaime., 992
 Costa, Jose Maria., 959, 1031
 Costello, Craig., 3544
 Cote, Dorence J., 1267
 Cottam, Douglas F., 1683
 Coughlin, Chris., 2636
 Coulombe, Roger A., 1836
 Couturier, Patrick., 501
 Cowell, Peter F., 2343
 Cox, Nancy R., 1904
 Cox, William Joseph., 979
 Coyne, Clarice Jean., 2550
 Cozza, Cynthia L., 704
 Craddock, W. James Hill., 2527
 Craig, Scott J., 2277
 Crane, Stuart R., 740
 Crapo, Charles A., 1772
 Creasy, Glen L., 2566
 Cremo, Christine., 324
 Cress, Daniel W., 2141
 Crisosto, Carlos H., 2597
 Cross, Timothy L. (Timothy Lee), 119
 Crow, John A., 2893
 Cuevas-Rangel, Rosalia Adela., 2148
 Culley, Sara K., 3219
 Cullings, Deborah Ann., 1057
 Cummings, Katherine H., 2805
 Cunningham, Bruce., 2662
 Curless, John M., 2400
 Currans, Kevin., 818
 Currans, Sean., 960
 Currens, Kenneth P., 1647
 Curry, Thomas Haitsch., 2912
 Curtis, Daniel W., 2528
 Curtis, Joel C., 262
 D'Antonio, Carla M., 3735
 Dadkhah-Nikoo, Abbas., 2918, 2994
 Dai, Reza A., 1399
 Dai, Weiming., 2936
 Dalich, George M., 3347
 Dalton, David Andrews., 460
 Dambacher, Jeffery M., 1744
 Dandurand, Kenneth R., 3312
 Daniel, Tyrone., 504
 Daniels, Thomas L., 81
 Danino, Jose C., 584
 Danko, Joseph P., 496
 Dantanarayana, Anura Pathmasiri., 619
 Daous, Muhammad A., 530
 Darbyshire, Robyn Lea Willey., 2095
 Darcy, Diane Catharine., 1882
 Dardiri, Moáwia Mohamed., 1837
 Darussamin, Asril., 331
 Daruwala, Khushroo Peshotan., 610
 Das, Modan Kumar., 1023
 Das, Utpal., 1288
 Dashti, Narjes Haje., 3050
 Daskalakis, George H., 2905
 Dauble, Dennis D., 1670
 Davidson, Gary F., 2389
 Davidson, James D. (James Douglas),
 1416
 Davis, Alan H., 861
 Davis, Daniel Scott., 488
 Davis, Shari., 2647
 Davis, Tim D., 2574
 Davivongse, Pachara., 3507
 De Silva, G. A. Canute., 122
 De Silva, Sirilath J., 286
 Dean, Diana L., 776
 DeAngelis, Lauren Anne., 2758
 deCharon, Annette V., 3242
 DeDen, F. Michael., 2354
 Deffo, Tamboue Esaie., 3341
 DeFrancesco, Joseph T., 2529
 DeGomez, Thomas E., 2500
 DeHaas, Jeroen A. M., 904
 Deimling, Elisabeth A., 1737
 DeKoning-Loo, Jenefer., 3109
 Del Real, Carmen., 2629
 Delcurto, Timothy., 176
 DeMeo, Thomas., 2130
 Demezas, David H., 3077
 Demissee, Debbra W., 256
 DeMott, Glenn E., 1632
 Dempsey, Stephen D., 1149
 Denbo, Donald Wade., 3265
 Denevan, James P., 1243
 Deng, Shiping., 3560
 DeNicola, Dean M., 477
 Desonic, Dana L. (Dana Lee), 3301
 Destremau, Axel., 2945
 Detongnon, Jean., 2585
 Devaud, Leslie L., 3361
 Devore, Judy., 1218
 DeVos, Ann., 1873
 Dewald, Lamar Robert., 589
 Dexter, Barbara Lynne., 3273
 Deyo, James A., 3644
 Diaz, Maria Elena., 1710
 Diehl, Jonathan W., 1525
 Diener, Phillip R., 950
 Dietz, Jane F., 162
 Dill, Thomas E., 2401
 Dill, Thomas O., 236
 Diop, Amadou Makhtar., 1016
 DiPietro, Joseph A., 2420
 Dixit, Sanjay., 278
 Dixon, Susan C., 2613
 Dodge, Khadijeh Khatami., 1067
 Dodo, Gerald Haruo., 556
 Dodson, Timothy Joe., 674
 Doerge, Thomas A., 3580
 Doerner, Robert W., 126
 Doescher, Paul Steven., 3483
 Doescher, Susan M., 2657
 Doguin, Pierre., 2438
 Dohman, Thomas Philip., 3015
 Doiron, Michelle., 1594
 Dolan, Mark E., 688
 Dolcet-Sanjuan, Ramon J., 2614
 Doll, Bernhard., 3381
 Doll, Helmut, (Helmut Richard), 2855
 Dolph, Jayne Ellen., 2390
 Dombrosky, Scott A., 1513
 Donaldson, William S., 890
 Donegan, Katherine K., 1514
 Dong, Feng., 363
 Donoso, Teresa G., 385
 Dosskey, Michael G., 3591
 Doty, Jean A., 2538
 Doubet, Scott., 436
 Dougan, Deborah Rae., 1090
 Dougherty, Anne M., 2850
 Douglas, Clyde Lee., 3574
 Douillet, Philippe A., 1730
 Doustmohammadi, Ali., 1417
 Doyle, Arlene T., 3761
 Doyle, Douglas J., 37
 Doyle, Judith Helene., 2737
 Drake, Daniel J., 229
 Dreves, Amy J., 1537

Drost, M. K., 2960
 Dubendorff, Bruce H., 2449
 Dudley, Thomas Leavitt., 1496
 Dudzik, Shirley M., 1114
 Duggan, Lynette I., 246
 Dughri, Muktar H., 3575
 Dunley, John E., 1530
 Dunsmore, Joel P., 1285
 Durand, Elizabeth Victoria., 261
 Durgam, Jaisimha., 1341
 Duroy, Yannick., 2434
 Durst, Robert W., 312
 Durston, Thomas A., 1945
 Dutro, Jack William., 856
 Dutta, Tapas., 2039
 Dwan, Shufa F., 2430
 Dyk, Arie Robert Cornelius., 191
 Eardly, Bertrand D., 993
 Earl-Taylor, Michael A., 2806
 Earley, Jim V., 25
 Easterday, John L., 1289
 Ebaa-Atyi, Richard., 1983
 Eberhardt, Lester E., 3727
 Ebert, C. Steven., 3510
 Ebner, John., 1309, 1470
 Echeverria, Eduardo M., 967
 Ecklund, Denise J., 833
 Edemenang, Effiong James Akpan., 828
 Eden, David M., 862
 Edgar, Thom G., 375
 Edmonds, Douglas E., 1310
 Edwalds, Eric., 279
 Egan, Thomas H., 1556
 Ege, Raimund KH., 797
 Egeland, Dawn M., 2119
 Ehm, Hans., 2913
 Ehrenshaft, Marilyn., 461
 Eichenberg, Thomas William., 3140
 Eierman, Robert J., 596
 Eifrig, Bob., 803
 Einerson, Mark A., 1838
 Eisenberg, Rodney L., 639
 Ek, Michael Bryan., 263
 El Baden, Bahia Mahmoud., 1091
 El Tayyan, Ahmed Asad., 3385
 El Zahr, Camille Reda., 1642
 El-Arishy, Samia Mosaad Aly., 3614
 El-Madhun, Yousef Abdel Wahab., 3581
 El-Nazer, Talaat Y., 82
 El-Rewini, Hesham., 845
 Elam, Reid P., 1115
 Eldred, Peter D., 1977
 Eldredge, Eric P., 896
 Eldredge, Nancy Marie., 863
 Eldridge, Maxwell B., 1726
 Elfrink, Neil., 2355
 Elger, Donald Francis., 2903, 2966
 Elhadi, Faroug Mohamed., 2188
 ElKhalifa, Elamin Abdalla., 1846
 Elliott, Colin Bruce., 585
 Elliott, William E., 2243
 Ellis, Barbara Gail., 1219
 Ellis, Cathy J., 2486
 Ellis, Steven G., 3195, 3307
 Elrick, Maya., 2331
 Eltoun, Elameen M. A., 1551
 Ely, Roger L., 689
 Elzoheiry, Azza A., 1912
 Emami, Ali., 105
 Emberson, Heather V., 1626
 Emerick, Christina M., 3277
 Emery, Beth C., 2625, 2664
 Encinas-Mungarro, Andrés., 961, 1036
 Eng, Helge., 1969, 2092
 Engebrecht, Jeffrey Ronald., 550
 Engelking, Henry Mark., 3091
 Englert, John M., 2567
 Enos, Robert A., 2402
 Entry, James A., 2203
 Eo, Jin-Woo., 1342, 1488
 Eraqi, Abdulmohsen Mohammed., 1150
 Erickson, Marilyn C., 1850
 Erickson, Vicky J., 2131
 Erickson, W. Randal., 620
 Erman, Lisa T., 2244
 Eschelbach, Matthew Michael., 3023
 Escobar, Iris Violeta., 1116
 Eshleman, Amy J., 3638
 Eskelsen, Steven R., 2551
 Espinosa Bancalari, Miguel A., 2180
 Estep, Margaret A., 1925
 Estes, Patricia S., 3748
 Euliss, Ned H., 3731
 Eum, Doo-hun., 1324, 1477
 Evans, Lynn B., 3522
 Evans, Paul D., 3110
 Evenden, Angela G., 472, 3456
 Everett, Richard L., 3490
 Ewing, Juanita J., 798
 Fagerness, Vicki L., 3208
 Fahy, Jefferson Vincent., 571
 Fairfax, Carolyn S., 3742
 Fallahi, Esmaeil., 2575
 Fantozzi, Jeffrey A., 2035
 Farid, Sheedvash Amirkia., 1887
 Farmer, Rainier H., 2461
 Farooqi, Zarreen H. H., 1458
 Farrell, Terence M., 3765
 Fatani, Abdulhadi Ahmed., 2956
 Fazio, John A., 147
 Federman, Alan Neil., 3278
 Fedora, Mark A., 1942
 Feeley, Todd C., 2381
 Feeney, Daniel John., 1932
 Fehringer, Ronald J., 372
 Feijoo, Sergio C., 1823
 Feist, Grant., 1733
 Feldman, Steven., 1134
 Felstul, David R., 2235
 Feng, Yongsheng., 3595
 Ferguson, Janet M., 921
 Fernandez Mendez, Raquel J., 951
 Fernandez, Jesus Perez., 473
 Fernando, W. Gerard Dilantha., 478
 Fessehaie, Rezene., 952
 Feyereisen-Koener, Josette., 3092
 Fichter, Becky L., 1552
 Fields, Lawrence D., 557
 Fiero, Brad C., 1684
 Fiez, Theresa S., 1478
 Fiez, Timothy E., 968
 Fifarek, Richard H., 2411
 Fillible, Rodney K., 2773
 Finckh, Maria Renate., 484
 Fink, Paul J., 3390
 Finkelstein, Eve-Karen., 163
 Finley, Marlene T., 2076
 Finney, Bruce Preston., 3288
 Firmin, Mary Ann., 2828
 Fischer, Albert J., 911, 1017
 Fischer, Christine R., 2161
 Fischer, Joseph Miller., 1220
 Fischer, Kathleen M., 3274
 Fischer, Vernon F., 969
 Fishbaugher, Mark J., 2926
 Fitzpatrick, Martin Stone., 1685, 1761
 Flann, Nicholas S., 804, 852
 Flannagan, Stephen T., 1286
 Fletcher, Judith Ann., 3665
 Fletcher, Todd V., 1135
 Flewelling, Douglas Mark., 2268
 Flexner, J. Lindsey., 1567
 Flick, Dennis D., 1962
 Flint, Alan L., 3523, 3585
 Flint, Lorraine E., 3537
 Flores Gaytán, José Humberto., 1773, 1856
 Flory, Craig M., 3766
 Flynn, Cynthia A., 778
 Foertsch, Richard., 3681
 Follett, Peter A., 1507
 Fombin, Joseph Forchop., 1766
 Fongsmut, Anuthep., 1540
 Fontaine, Barbara L., 1653
 Foo, Chee Kit., 2937
 Foote, Robert W., 2431
 Forbes, Steven., 54
 Forney, Charles F., 2579
 Forrer, Johannes B., 2025
 Foster, George Samuel, Jr., 2168
 Fowler, Sheila J., 2476
 Fox, Margaret Wynne., 1268
 Fox, Stephen John., 2906
 Francis, Erika A., 3236
 Francis, Ralph T., 325
 Franco, Luis., 1754
 Frank, Helmut P., 270
 Frank, Roger A., 876
 Franz, Robert E., 970
 Franzosa, Marie M., 2887
 Frederick, Nicholas D., 502
 Frederickson, Leslie John., 980
 Fredricks, Nancy Ann., 400
 Freeman, Barbara L., 1244
 Freeman, Lisa Nalani., 2946
 Freeze, Brian., 111
 Freitag, Michael., 2040
 French, Richard J., 611
 Frenzel, Richard Wilmarth., 1719
 Frenzen, Peter M., 2106
 Fried, Jeremy Steven., 1965
 Friedman, Ron., 155
 Friesen, Cheryl Ann., 3713
 Frieske, Robert John., 3513
 Frissell, Christopher Andrew., 1644, 1765
 Fritzke, Susan L., 2457
 Frizenschaf, Jacqueline., 699
 Fuchs, Heinz D., 3391
 Fuchs, Martin B., 3396
 Fuhr-Dunn, Susan D., 2738
 Fujikura, Yuzo., 332
 Fukumura, Dawn H., 252
 Fuller, Claire A., 3751
 Fuller, James J., 2041
 Funez, Atilio Ortiz., 2149
 Furgal, Sheryl M., 3743
 Furneaux, Noel Annette., 2624
 Furnier, Glenn Richard., 2169
 Furnish, Joseph Lee., 1570

Furukawa, Keizo., 3182
 Gabriel, Wendy Louise., 1659
 Gadowski, Dena Marie., 3196
 Gaethke-Brandt, Jane E., 1136
 Gagliuso, Robert A., 2162
 Gaines, Steven D., 3754
 Galeb, Abduljalil D. S., 1824
 Gallahan, William E., 2391
 Gallant, Alisa L., 2230
 Gallardo-Ramirez, Mirian., 939
 Gallian, John J., 437
 Gallivan, Catherine Agnes., 173
 Gamage, Gayani N. K., 1311
 Gamage, Nimal K. K., 271, 303
 Gambce, Jay E., 3036
 Gander, Lise Marie K., 3051
 Gander, Stuart C., 574
 Gangi, Ali Salih., 987
 Ganio-Gibbons, Lisa M., 3623
 Ganoe, Steven J., 2427
 Ganskopp, David C., 3487
 Gant, Daniel B., 3351
 Gao, Hong., 2042
 García-Abdeslem, Juan., 2453
 Garcia-Quintero, Zeferino Heberto., 1774
 Gard, Howard A., 2817
 Gardea, Alfonso A., 2530, 2619
 Gardiner, Catherine S., 230
 Gardiner, Duane T., 3593
 Gardner, Lee Ann., 1633
 Garifo, Susan Ellen., 76
 Garimella, Krishna S., 1366
 Garland, John J., 1960
 Garoui, Abderrazak., 3608
 Garretton, Marta S., 3197
 Garrett, Betsy Jayne., 156
 Garrow, Holly C., 3209
 Gashaira, Bashir., 438
 Gaskill, D. Kurt., 3401
 Gasteiger, Hubert A., 511
 Gately, Jeanne E., 2681
 Gatti, Andrew Leo., 18
 Gaweda, Frank M., 1933
 Gazeley, William G., 1367
 Gecy, Jeanne Leslie., 422
 Geddeda, Yosef Ibrahim., 2576
 Geddens, Ray M., 999
 Gehman, Steven D., 3696
 Geierstanger, BernhardH., 315
 Geiselman, James R., 132
 Gelford, Inga L., 3045
 Gellenbeck, Edward M., 853
 Gennette, Michael M., 864
 Gentile, John Richard., 2287
 George, Danella., 3528
 George, Thomas L., 2953
 Gerasopoulos, Dimitrios., 2510, 2598
 Graulich, Jürgen., 2873
 Germain, Alan Clifford., 2914
 Gess-Newsome, Julie., 3518
 Getchell, Rodman Guy., 3024
 Ghasedi, Bizhan., 65
 Ghodoosian, Nader., 2907
 Ghodoussi, Vahid., 559
 Gibson, David G. (David Glenn), 2010
 Gidlof, Pamela L., 2006
 Gilbert, Cynthia., 2501
 Gilbert, John D., 1325
 Gillen, Robert L., 3484
 Gillham, Marla L., 2150
 Gillilan, Scott E., 1948
 Gilliland, Crystal L., 2871
 Gilmore, Robert D. (Robert Dean), 3093
 Gilroy, Duncan J., 3641
 Gilson, Thomas L., 497
 Giordano, Peter A., 2151
 Gipson, Kay., 767
 Giron, Magdalena Y., 2062
 Glaffig, Clemens H., 2851
 Gleason, John F., 2142
 Gleichsner, Jean Ann., 940, 1018
 Glenn, Judith A., 2818
 Glowacki, Therese L., 2077
 Goalen, Jeffrey Scott., 2356
 Goble, David Leroy., 2938
 Godbole, Hemendra G., 1343
 Goeger, Douglas Eugene., 1853
 Goetz, Kathryn W., 2829
 Goetze, Brigitte., 1674
 Goggans, Rebecca., 3701
 Gold, Guido., 3375
 Goldammer, Jay P., 1978
 Goldfarb, Barry., 406, 2211
 Goldfinger, Chris., 2392
 Goldstein, Cindy S., 922
 Gollob, Lawrence., 2054
 Gombart, Adrian F., 2256
 Gómez Rodas de Varela, Anamariá., 3682
 Gomez, Sharon N., 2280
 Gonarsyah, Isang., 69
 Gonzales, David H., 877
 Gonzalez, Exequiel B., 3198
 Gonzalez-B, Carlos., 1839
 Gonzalez-Caldwell, Sandra., 2552
 Good, Debora L., 2469
 Goodell, Barry Scott., 2055
 Goodell, Jody Jellison., 439
 Goodemoot, Richard., 808
 Goodhue, William V., 2344
 Goodman, Dean., 2428
 Goshayeshi, Ali., 2979
 Gossman, Stephen J., 1580
 Gottlieb, Oded., 757
 Goul, Kenneth Michael., 829
 Goward, EleanorL., 2637
 Graber-Wilson, Gerri., 1195
 Gradin, Joseph L., 3105
 Graff, Joseph Edward., 2120
 Graff-Haight, Dawn., 1151
 Graham, Cheryl A., 2471
 Graham, Diana Sue., 1221
 Graham, James Duncan., 2332
 Graham, Jeff S., 2204
 Graham, John Paul., 2298
 Graham, Mary Beth., 2531
 Grasty, Brent L., 2079
 Graulich, Markus Gunter., 1326
 Graven, Erik P., 2393
 Graves, Michael V., 2264
 Gray, Dennis J., 2762
 Gray, Nancy L., 1152, 2752
 Gray, Pamela S., 2774
 Gray, Pearl S., 1137
 Gray, Robert James., 3599
 Grealish, William J., 2568
 Greek, Kevin J., 3129, 3157
 Green, Brian C., 1068
 Green, Dale E., 2861
 Green, Douglas M. (Douglas Mitchell), 3501
 Green, Gregory A., 3691
 Green, Phillip C. (Phillip Cody), 2775
 Greene, Diana H., 1798
 Greene, Kenneth R. (Kenneth Ray), 3160
 Greenwood, John David., 3016
 Gregg, Micheal A., 3718
 Greitner, Carol S., 2251
 Gribble, Donald L., 1418
 Griffin, Betty Sue., 1117
 Griffin, Dennis., 2763
 Grigsby, F. Bryan., 2333
 Grina, Michael E., 867
 Grinde, Roger B., 2715
 Grindeman, Dann., 777
 Griswold, Bruce Walter., 127
 Grobner, Mark A., 168, 233
 Groll, Bruce Jeffrey., 1269
 Groner, Michael., 1222
 Groom, Kevin., 720
 Groom, Leslie., 2016, 2068
 Gross, Michael Karl., 351
 Grybauskas, Arvydas P., 440
 Gu, Sanliang., 2532, 2620
 Gudjonsson, Sigurdur., 1762
 Guerrero-Prieto, Victor Manuel., 2493
 Guiles-Fellez, Cynthia Lynn., 2630
 Gummin, Mark Alson., 3415
 Gumplinger, Peter., 3405
 Gumtow-Farrior, Daniel L., 2156
 Gündem, Taflan İmre., 830
 Gunnarsdóttir, Hugrún., 1755
 Guo, Mei., 2539
 Guo, Wei Wen., 2521
 Gürer, Kemal., 273
 Gushee, Dean E., 3185
 Guss, Thomas O., 2665
 Gustafson, Steven Wayne., 2580
 Gut, Larry J., 1557
 Gutekunst, Bernd., 3382
 Ha, Choonja., 1908
 Haak, Bruce Allen., 3692
 Haas, Milo., 3313
 Haase, Diane L., 2163
 Hacker, Amy L., 3719
 Hackett, Murray., 3629
 Hackworth, Kevin., 1984
 Hadam, John J., 1511
 Haddad, Homayoon., 1471
 Haddon, R. Lance., 1153
 Hadjilambros, Constantine., 2922
 Hadlett, Heidi Marie., 1901
 Haensly, Thomas F., 3698
 Haessig, Polly Ann., 2370
 Haussler, Sybille., 2132
 Hafez, Abdullah Ibrahim M., 3508
 Hagan, Jacky May., 3689
 Hagelberg, Carl R., 285, 2896
 Hagelberg, Teresa King., 3248
 Hagerty, Dorothy Dean., 1623
 Haight, Robert Gordon., 1992
 Haisch, Hansjoerg., 1290
 Halawa, Adel Mahmoud., 3619
 Halawani, Talal Umar., 1440
 Hales, Lavinia A., 3433
 Haley, Sue., 1571
 Hall, Kathryn B., 3624
 Hall, Thomas David., 3529
 Halling, Daye H., 1270

Halliwell, George R., 3289
 Halliwell, Vicki M., 3220
 Halpern, Charles B., 466
 Haluzak, Charles Craig., 2927
 Hamby, Sharon Ann., 1602
 Hamdi, Mohamed A., 177
 Hamedani, Hooshyar M., 2980
 Hamilton, Fiona C., 1963
 Hamilton, Scott A., 83
 Hamilton, Susan E. Maier., 2830
 Hamlin, Karen DeShon., 1245
 Hammer, Rita Lynn., 3670
 Hammer, Theodore A., 675
 Hammond, Ellen L., 3711
 Han, Myung Woo., 3295
 Han, Seog-young., 2981
 Han, Weimin., 3416
 Handoyo, Nitimulyo Kamiso., 1634, 1667
 Haney, Dennis C., 2232
 Hanlen, Richard C., 3602
 Hanrahan, Michael S., 96
 Hansen, James Edward., 1368
 Hansen, Laura S., 2759
 Hanson, Boyd Jay., 1660
 Hanson, Eric J., 2586
 Hanson, Paul E., 1565
 Happe, Patricia Jenkins., 3693
 Harber, Renee M., 2602
 Harburg, William A., 2764
 Harding, Anna K. Williamson., 2466
 Hare, Janette M., 2658
 Harenda, Mary G., 2245
 Harman, Ellen Jean., 38
 Harmon, Gerald R., 1196
 Harmon, Mark E., 467
 Harrington, Timothy B., 2001, 2096
 Harris, Janet Elizabeth., 3161
 Harris, Marcia Elaine., 1778
 Harris, Richard D. (Richard Donald), 3125
 Harris, Richard Lee., 2739
 Harris-Coppola, Marcia M., 810
 Harrison, Marion E., 3663
 Harrison, Warren A., 831
 Hart, Dianne K., 2897
 Hart, Dianne Walta., 2740
 Hartel, Peter G., 3065
 Hartin, John R., 2990
 Hartley, Kenneth D., 3137
 Hartley, Marcus L., 55
 Harty, Robert A. (Robert Alvin), 2776
 Harvey, Glenn B., 521
 Harvey, James T., 3296
 Harwood, Steven Hunter., 1519
 Hashem, Abul., 1037
 Hassan, Adel Aly., 1069
 Hassan, Gul., 897
 Hastie, James D., 1, 102
 Hasuike, Betty Louise., 3325
 Hatch, Keith Martin., 1706
 Hatch, Lynda Sylvia., 1092
 Hatch, Wayne E., 143
 Hatcher, Lauren Francis., 1874
 Hathaway, Ronald L., 222
 Haugen, Maureen McCurdy., 1070
 Hauseman, Joseph Hayes., 1223
 Havel, Loree Hennigar., 1686
 Haven, Lisa., 1997
 Havercroft, Francine M., 2777
 Hawkins, Charles Patrick., 1545
 Hayden, Leonard., 1344
 Hayden, Thomas R., 1648
 Hayes, Patrick., 905
 Hayman, Glenn A., 2313
 Hays, Patricia E., 3230
 Hayward, Roger D., 1419
 Hazar, Necati., 906
 Hazell, Brian Edwin., 884
 Hazou, Irene A., 2885
 Head, William., 1716
 Heath, Brian E., 2113
 Heath, Edward M., 2686
 Hegde, Anoop R., 1369
 Heil, Daniel P., 2682
 Heilig, Thomas., 1295
 Heiman, David C., 1946
 Hein, Scott J., 633
 Heldt, Gretchen L., 59
 Helfenstein, Franz Hugo., 2882
 Helmich, Bryan T., 3714
 Henderson, Bruce Alan., 1675
 Henderson, Curtis Daniel., 3186
 Henderson, Kelley., 524
 Henderson, Robert L., 912
 Henich, Michael Cloyd., 3679
 Henick-Kling, Thomas., 3017
 Henneberger, Diane., 1515
 Hennessey, John Patrick., 3284
 Hennessy, Karen., 247
 Henning, Douglas D., 857
 Hennon, Paul Edward., 462
 Herbig, Scott M., 498
 Herbst, David B., 3762
 Heres E., Allan A., 1694
 Hernandez-Guerrero, Abel., 3005
 Herpe, Joachim., 3378
 Herron, G. Scott., 318
 Herron, John R., 2991
 Hershberger, Daryl E., 3115
 Herzog, Steven J., 1964
 Hessburg, Paul Francis., 447
 Hevesi, Joseph A., 2394
 Hewlett, John P., 39
 Hews, Diana K., 3744
 Hickcox, Leslie K. (Leslie Kay), 1246
 Hickman, John Spencer., 3571
 Hicks, Brendan J., 1759
 Hicks, Douglas Michael., 1045
 Hicks, Glenn R., 2265
 Higgins-Lee, Charlotte., 883
 Higinbotham, Larry R., 2334
 Hilken, Thomas O., 3461
 Hill, Achim., 1472
 Hill, Brittain Eames., 2320, 2424
 Hill, David E. (David Edwin), 612
 Hill, Thomas William., 192
 Hindagolla, Suraj L., 603
 Hipkins, Valerie D., 2143
 Hirai, Takayuki., 1654, 1760
 Hiraiwa, Yuri., 3326
 Hitchcock, Romi C., 2807
 Hiu, Stephen Fooklen., 3066
 Ho, (Jeremy) Yui Luen., 1420
 Ho, Chi-Sung., 1370
 Ho, Iwan., 2176
 Ho, Shan-hsin Angie., 257
 Hoag, Michael Lynn., 2030
 Hobbel, Susan Laurie., 1590
 Hoi, Jung-sheng., 1421
 Hoffman, Elizabeth Lee., 760
 Hoffman, George D., 1497
 Hoffman, Heidi., 2382
 Hoffman, Sarah Elizabeth., 3210
 Hoffmaster, Jerri Lee., 1687
 Hogue, Teresa A., 1598
 Holaday, Steven A., 721
 Holah, Jennifer C., 430
 Holla, Krishnaraja R., 2703
 Holland, K. Todd (Kenneth Todd), 3261
 Holliday, Joseph., 2299
 Hollings, William H., 676
 Hollister, Albert Gene., 3451
 Holloway, J. L., 819
 Holmer, Judith C., 891
 Holmes, Harvey Thomas., 3097
 Holt, Kris E., 2022
 Holt, Richard Allen., 3039
 Honey, William D., 1174
 Hong, Seonghoon., 123
 Hong, Victor., 1779, 1857
 Hong, Yong-pyo., 2219
 Hood, Julie Ford., 1883
 Hookstra, Glenn Maitland., 1224
 Hoover, Amy L., 2345
 Hopkins, Christopher J., 3332
 Hopkins, Glen A., 551
 Hopman, Bruce T., 169
 Hoppe, Diane A. S., 3553
 Höring, Antje., 3386
 Horning, Thomas S., 2357
 Hossain, Mohammad., 3368
 Howard, Katherine Jane., 3243
 Howd, Peter A., 3199, 3302
 Howe, Glenn Thomas., 2266
 Howell, Jerry., 1154
 Hoyt, Dale G., 3319, 3352
 Hsiao, Ching-kai., 84
 Hsiao, Entsung., 2995
 Hsu, Chun-chia., 2947
 Hsu, Huey-yuh., 3335
 Hsu, Juinn-chin., 1854
 Hsu, Ming-kuang., 734
 Hsu, Pao-yin., 1071
 Hsu, Wu-ron., 264
 Hsu, Ya-li., 3067
 Hu, Chin-Hwa., 355
 Huan, Jianya., 200
 Huang, Cheng-chang., 754
 Huang, Hua-pin., 3342
 Huang, Huei-I., 282
 Huang, Jinfan., 640
 Huang, Manley T. F., 3078
 Huang, Min-chih., 726
 Huang, Sung-ben., 653
 Huang, Xiaolin., 1799, 1867
 Huang, Yo-hsin., 560
 Hubbard, Connie J., 2157
 Hubbe, John McBain., 267
 Huber, Andrew Gail., 988
 Huber, Michael J., 3659
 Huffman, David Earl., 621
 Huftile, Gary J., 2358
 Hughes, Heidi P., 253
 Hughes, Jeffrey A., 3079
 Hughes, Peter Mark., 1225
 Hughes, Scott Stevens., 2407
 Hukari, Neil F., 268
 Hulett, Patrick L., 1745
 Humayon, Mansoor., 2383
 Humphries, Larry LaRon., 3133
 Hung, Ling-ling L., 2177

Hung, Shih-chuan., 1345
 Hunsaker, Douglas James., 129
 Hunt, Gary., 453
 Hunt, Louise Dillingham., 157
 Hunt, Mary C., 1970
 Hunter, James L., 923
 Hunter, Robin E., 3702
 Hunter-Zaworski, Katherine M., 741
 Huppunen, JoAnne L., 2446
 Huque, Ziaul., 2996
 Hural, Kirsten., 407
 Hurley, Michael D., 1658
 Hussein, Osama Abdelaziz., 3620
 Huston, Thomas K., 3320
 Hwang, Chun Sik., 1454
 Hwang, Dae-sik., 2894
 Hwang, Eun Ju., 3029
 Hwang, Nam., 1400
 Hwang, Teng-shang., 2997
 Hylland, Michael D., 2384
 Hyllegard, Randy., 1175
 Ianson, David C., 479
 Iapichino, Giovanni., 2553
 Ibacache, Antonio E., 2556
 Ibay, Lilia Armendez., 1531
 Ibnatty, Abdelhai Andaloussi., 3491
 Ibrahim, Saleh Hassan., 3134
 Idris, Nor Aini., 1767
 Ifft, Charles., 705
 Iheanacho, Mitchell Onwuha., 3427
 Ikeda, Marcia Sakiko., 552
 Ilcewicz, Larry Bert., 2957
 Iloh, Gabriel Ogochukwu., 1118
 Imdakm, Abdussalam Omar., 494
 Ingersoll, Cheryl A., 480
 Inoue, Daistuke., 1601
 Irving, David C., 2036
 Irwin, Michael J. (Michael James), 1960-
 ., 3094
 Isaza, Liliana Urrea., 1787
 Ishida, Etsuko., 2819
 Ishikawa, Sally Jo., 2794
 Islam, Kamal., 3699, 3732
 Istok, J. D., 732
 Ivey, Kathy M.C., 2862
 Ivusic, Sergio I., 3437
 Ivy, Susan Denise., 2371
 Jabbes, Mohamed., 3479
 Jabs, Lorelle B., 2719
 Jachetta, John Joseph., 989
 Jacobsen, Twila., 47
 Jacobson, Bryan L., 825
 Jacobson, Chris E., 811
 Jadoon, Ishtiaq Ahmad Khan., 2425
 Jae, Mie Kyung., 1605
 Jaeger, Herbert., 3406
 Jaeger, John Ralph., 178
 Jaffe, Clella I., 1226
 Jahns, Thomas R., 1032
 Jaindl, Raymond G., 3495
 Jamerlan, Saturnino Juan., 3249
 James, Corinne Patricia., 613
 James, Mark Allen., 792
 James, Rosalind R., 1526
 Jang, Jai Eun., 846
 Jang, Jung-suk., 654
 Jang, Sangsik., 2059
 January, L. Lillian., 1894
 Jarvi, Eric J., 3353
 Jarvis, Jay M., 2704
 Jaswal, Tariq Majeed., 2385
 Jaumé, Steven C., 2435
 Javadekar, Virendra S., 1422
 Jay, Jeremy Barth., 2300
 Jayasinghe, Dudley Shelton., 641
 Jayasinghe, Lalith Ratnasiri., 622
 Jean, Paul A., 367
 Jefferts, Katharine., 3266
 Jeihooni, Asgnar., 2050, 2071
 Jen, Shin D., 1346
 Jenkins, Christopher H. M., 2928, 3006
 Jenkins, Michael B., 3068
 Jenks, Richard P., 3116
 Jensen, Christine M., 1921
 Jensen, Edward A., 1247
 Jensen, Edward C., 2205
 Jensen, Mark E., 3592
 Jensen, Peter John., 3121
 Ji, Jiuping., 2261
 Jia, Zuxin., 1371
 Jiang, Hongyi., 2831
 Jiang, Jin., 1372
 Jiang, Nan., 575
 Jiang, William., 1347
 Jiang, Xingjian., 274
 Jiang, Zhi-dong., 3373
 Jimenez, Ronald., 1423
 Jo, Jang Hyen., 2998
 Jochimsen, Kenneth N., 415
 Johnson, Alan T. (Alan Thomas), 655
 Johnson, Bonnie J. (Bonnie Jean),
 1093
 Johnson, Cheryl Cruzan., 254
 Johnson, Dexter W., 3673
 Johnson, J. Scott. (Jere Scott), 1155
 Johnson, Jerry R., 3221
 Johnson, Kenneth Bjorn., 380
 Johnson, Lori K., 2511
 Johnson, Martin A., 26
 Johnson, Neal S., 40
 Johnson, Patricia White., 2741
 Johnson, Paul Robert., 544
 Johnson, Scott Lee., 113
 Johnson, Taffy L., 1138
 Johnson, Wayne E., 1271
 Johnson, Wendy L. (Wendy Louise),
 2820
 Johnson-Carroll, Karen J. A., 1620
 Jolma, Eva I., 2225
 Joly, Robert J., 2170
 Jonasson, Brian C., 1677
 Jonatansson, Elias., 2708
 Jones, Kim Koch., 3200
 Jones, Laura Lynn., 2631
 Jones, Paul Aikens., 3030
 Jones, Ronald Dean., 3069
 Jones, Timothy J., 505
 Jong, Jyh-ming., 1424
 Jordan, David T., 2607
 Jordan, Jean E., 1176
 Jordan, Shawn D., 1592
 Jordheim, Daniel P., 3141
 Jorgensen, Jane L., 2463
 Joseph, Gladwin., 1532
 Joyal, Elaine., 386
 Ju, Shu-ing., 1348
 Ju, Shyh-chen., 656
 Juang, Min Tzuan., 1327
 Juhl, Andrew R., 3262
 Jun, Tae Won., 1042, 1156
 Juwono, Cynthia P., 2693
 KaackuaHiwi, Margaret Ann., 184
 Kabir, Gholamhossein., 1909
 Kaiser, Elisabeth H., 2124
 Kalingile, Imanga., 941
 Kalish, John M., 3201
 Kalvin, Patricia M., 793
 Kamau, Nellie M. W., 2487
 Kamdar, PravinP., 1401
 Kamke, Frederick A., 2056
 Kanatani, Koichiro., 1591
 Kanbertay, Mesut., 907
 Kanchanakhan, Somkiat., 3054
 Kaneshi, Katsuya., 3545
 Kang, Cheoul Shin., 1460
 Kang, Hee Jung., 2731
 Kang, Hoyang., 2017
 Kang, In-sik., 293
 Kang, Ki Sung., 1582
 Kang, Myung Chol., 590
 Kang, Seong K., 1349
 Kang, Sun Ki., 516
 Kansal, Utkarsh., 2948
 Kantt, Carlos Alberto., 1831
 Kao, Shao-kong., 1328
 Kao, Shaw-shya., 3407
 Kapuscinski, A. R. D. (Anne R. D.),
 1720
 Karl, Michael G., 3502
 Karlin, Robert., 3275
 Karnaugh, Elena N., 1702
 Kasal, Bohumil., 2072
 Kasimor, Kathryn T., 2540
 Kasornchandra, Jiraporn., 3111
 Katul, Gabriel., 706
 Katundu, Juma., 1516
 Katz, Andres., 1998
 Katzev, David H., 722
 Kauffman, Francis M., 1227
 Kaufmann, Philip Robert., 1959
 Kaul, Lothar., 826
 Kausar, Allah Bakhsh., 2403
 Kawate, Michael Ken., 1005
 Kawka, Orest Eduard Mykola., 3303
 Kaya, Sadi., 3126
 Kaya, Zeki., 2097, 2186
 Kaye, Thomas N., 423
 Kayuni, Frieda Lucy., 1058
 Kazerouni, M. Rahim., 623
 Kean, Deborah., 2489
 Keary, Paul Edward., 2908
 Keasler, Kenneth M., 547
 Keats, Donna G., 2321
 Keefe, Margaret A., 2641
 Keh, Huan-chao., 854
 Keim, Will., 873
 Keinert, Fritz., 2883
 Keizer, Philip John., 2236
 Keller, Randall A., 3250
 Kelley, Randall David., 448
 Kellogg, L. D. (Loren D.), 2181
 Kelly, Alice M., 1517
 Kelly, Barry., 512
 Kelly, Jack D., 3645
 Kelly, Linda Susan "Susie", 2164
 Kelly, Sharon., 106
 Kemp, Christopher J., 1688
 Kemp, Paul F., 3279
 Kent, Jeffrey A., 2494
 Kentula, Mary E., 441
 Keowmookdar, Nattaya., 1047
 Kerle, Elizabeth A., 401
 Kerper, Dale R., 700

Key, Colin F., 2346
 Khaef, Ahmad Ali., 1228
 Khalifa, Gamaleidin A., 2961
 Khan, Amjad I., 2372
 Khan, Noor-ul Islam., 1006
 Kharab, Abdelwahab., 2879
 Khemira, Habib., 2569
 Khormaei, Iranpour., 1373
 Khosravi, Lewa. S., 3080
 Khosraviani, Mehraban., 3656
 Khurshid, Akbar., 2395
 Kieff, Judith E., 1248
 Kiemnec, Gary L., 3576
 Kiilsgaard, Christen W., 2273
 Kikuchi, Akihiro., 32
 Kilbride, Kevin M., 3715
 Kilburg, Gary M., 1272
 Kill, Donald R., 3438
 Killefer, John., 237
 Killgore, Gary L., 1054
 Killpatrick, Paul T., 1229
 Kim, Dong Yeob., 2125
 Kim, Gyu Shik., 634
 Kim, Hee-taik., 535
 Kim, Hyo-jin., 635
 Kim, Hyung Don., 1048, 2687
 Kim, Jinwon., 275, 304
 Kim, Jong-bum., 3007
 Kim, JooHee., 2702, 2732
 Kim, Jung-hoon., 1628
 Kim, Ki-hong., 1052
 Kim, Mikyung., 1157
 Kim, Ok-kee., 742
 Kim, Sang-kyun., 2158
 Kim, Seung-bae., 1350, 1489
 Kim, Seung-Woo., 41, 120
 Kim, Sunuk., 2698
 Kim, Tae In., 730
 Kim, Tae-sung., 2884
 Kim, YongJin., 2992
 Kim, Youn-su., 788
 Kimberling, Diana Nalani., 1508
 Kincaid, John Thomas., 1249
 Kinch, Lisa Joan., 761
 King, Christine Marie., 1044
 King, John Barry., 2999, 3130
 King, Paul E., (Paul Everson), 2856
 King, Wayne O., 2599
 Kingry, Larry Kit., 3678
 Kirby, John D., 3446
 Kircher, Jens., 3387
 Kirk, Raymond W., 489
 Kirkland, Marjorie Lynn., 381
 Kirkpatrick, Donald C., 1449
 Kirtley, Sidney A., 1832
 Kiser, Jim (James Donald), 2083
 Kiser, Terry., 2878
 Kishiyama, Shirley S., 2832
 Kitzrow, Martha Anne., 874
 Kjelgren, Roger Keith., 3532
 Kleine, Carroyl Fayne., 1119
 Kliewer, Charles P., 3131
 Klopsch, Mark Warren., 2121
 Kluge, E. Alan., 1177
 Klute, Annette., 2867
 Knight, Alan Lee., 1562
 Knight, Stephen M., 1951
 Knittel, Marjorie C., 1059
 Knott, Elizabeth A., 424
 Knott, John A., 517
 Knotts, L. William., 2821
 Koehler, Loren., 1351
 Koff, Caroline Nan., 820
 Kogan, Dan D., 799
 Koike, Bruce Gary., 1656
 Kokkinakis, Steven Andon., 3231
 Kokron, Carlos J., 525
 Kolar, Susan C., 886
 Kollipara, Ravindranath Tagore., 1479
 Koo, Chang Duck., 2194
 Koohmaraie, Mohammad., 217
 Kopczynski, Sean Peter., 2949
 Korpela, Edwin J., 3503
 Kosa, Boonsong., 1197
 Kositrakun, Manit., 2608
 Kough, John Lawrence., 454
 Koval, David P., 1178
 Koval, James E., 1179, 2648
 Kozick, Stephanie A., 2659
 Kraisuwansarn, Nichakorn., 526
 Kramer, Susanne., 3476
 Krasnow, Lynne D., 3308
 Kraus, Robert Henry., 604
 Krause, Elizabeth L., 243
 Kreber, Bernhard., 2051
 Krefft, Kevin P., 3255
 Krisdhasima, Viwat., 541
 Krishnamurthy, Ramesh., 2833
 Krishnan, Sheela., 1402
 Kritpet, Thanomwong Taweeboon., 1198
 Krivak, Brenda M., 2834
 Krosley, Kevin W., 665
 Kruatrachue, Boontee., 1461
 Krueger, Sharon K., 1024
 Krummel, Michael J., 125
 Krupin, Nancy., 3169
 Kruse, Amy Ellen., 1704
 Kruse, G. H. (Gordon Henry), 1717
 Krzesinska, Elzbieta Z., 2557
 Kuehn, Michael., 2512
 Kuffner, Tom A., 2931
 Kuga, Lillian A., 774
 Kuhl, Sarah Jane., 3070
 Kuiper, John L., 2359
 Kulkarni, Gururaj Bhimrao., 3434
 Kuthongkham, Sukkarnya., 2786
 Kumar, Ravi C., 1352
 Kumazawa, Makoto., 2857
 Kumpula, Carol L., 2502
 Kuo, Chu-hsun., 3684
 Kuo, Huey-ju., 336
 Kurath, Gael., 3074
 Kushad, Mosbah Mohamed., 2581
 Kushnir, Yochanan., 296
 Kwag, Hye Keun., 1445
 Kwansa, Wilhelmina., 242
 Kwiatkowski, Stephen., 913
 Kwon, Oh-Jung., 1607
 Kwon, Soon-chang., 1273
 Kwon, Tae-hwan., 1480
 La Bolle, Larry D., 1689
 La Piana, Kathleen Ann., 1072
 Lacy, Patricia A., 882
 Ladd, Linda Darmer., 2667
 Lafi, Abd Y., 3159
 LaFollette, Sharron E., 3362
 LaFortune, James Robert., 2373
 Lahm, Lawrence., 490
 Lai, Shu-mei., 1094
 Lam, Steven C. F., 1329
 Lamb, Michael J., 2558
 Lambert, David K., 85
 Lambrecht, Keith W., 1158
 Lamouri, Abdelwahed., 3466
 Lampi, Keith A., 33
 Lane, Jeffrey W., 2360
 Lang, Walter H., 364
 Lange, Sandra L., 2627
 Lange, William J., 1987
 Langen, Gido., 2281
 Langer, Vera W., 2404
 Lantz, Brian Scott., 789
 Lao, Paul A., 1403
 LaPatra, Scott Edward., 3098
 Lara-Lara, Ruben., 3267
 Larsen, Royce E., 3472
 Larson, Beverly J., 1180
 Larson, Katherine Cole., 1498
 Larson, Shawn M., 821
 Lary, Jenifer Edith., 1490
 Lashbrook, Wesley S., 1578
 Lassuy, Dennis R., 1763
 Latham, Debra L., 1800
 Latt, Christopher R., 2114
 Lawler, Brynn Heintz., 1181
 Lawson, LaJean., 1274
 Leach, Patrick A., 670
 Leal-M, Dario., 994
 Leathers, Michael R., 2361
 Leavell, Daniel M., 2165
 Lebow, Clayton Gale., 2742
 Lebow, Stan T., 2026
 Ledebore, M. Vivian., 2
 LeDoux, Chris B., 1957
 Lee, Bor., 1374
 Lee, Byeung Kyun., 2982
 Lee, Carol Marie., 1913
 Lee, Chung-pan., 743
 Lee, Chungchan., 3153
 Lee, Chyuan-shen., 677, 735
 Lee, Dong-kyu., 3290
 Lee, Douglas Scott., 1638
 Lee, Eugene C. (Eugene Carlton), 2765
 Lee, Euisang., 513
 Lee, Florence G. L., 1159
 Lee, Gae Ho., 624
 Lee, Heung-Dong., 114
 Lee, Hyoung S., 1851
 Lee, Hyuckjae., 1441
 Lee, Jai-hyo., 2983
 Lee, Jaw-fang., 736
 Lee, Jurip., 1053
 Lee, Kwon Soon., 1481
 Lee, Kyung Hee., 657
 Lee, Louis Wai-Fung., 1425
 Lee, Man Hyung., 1442
 Lee, Mankoo., 1482
 Lee, Martha Eugenia., 1961, 2004
 Lee, Min-young., 3646
 Lee, Moon H. (Moon Hee), 2962
 Lee, Myoung-ku., 2073
 Lee, Phyllis S., 858
 Lee, Rai-yun., 3314
 Lee, Robert Liang-heng., 491
 Lee, Sang Bong., 750
 Lee, Se Kyoun., 2954
 Lee, Seouk Joo., 2716
 Lee, Seung Min., 1353
 Lee, Sheng-wei., 265
 Lee, Sherri., 2386
 Lee, Stephen P. (Stephen Peter), 3422

Lee, Sun-young., 1613
 Lee, Tae Young., 294
 Lee, Wing-sun R., 1375
 Lee, Ya-ling., 3339
 Lee, Yong-Inn., 3402
 Lee, Youn-Sik., 565
 Lee, Young-soo., 2688
 Lee, Yun-hwa., 2503
 Leeds, Janet M., 337
 Leelanukrom, Pricha., 1303
 Legler, James Richard., 1199, 1627
 Lei, David Hsien-Yu., 2975
 Lei, Kai-ming., 758
 Leid, Mark., 3364
 Leier, Elaine M., 2638
 Leininger, Wayne C., 3488
 Leisy, Douglas J., 2258
 Lekhyananda, Suravate., 2858
 Leland, Ronald Wayne., 2808
 LeMarr, John D., 1182
 Lenhard, Robert J., 3577
 Lenhart, James H., 148
 Lent, Rebecca J., 77
 Lentz, Rodrick David., 3533
 Leon, Juan B., 231
 Lerman, David., 1426
 LeRoy, Charles H., 2467
 Leslie, David M., 3723
 Leung, Kam-tin., 3546
 Levin, John-Eric M., 1709
 Levy, Sharon., 3630
 Levy, Theresa A., 3162
 Lewandrowski, Jan., 19
 Lewis, Hal A., 962
 Lewis, Katherine JoAnn., 474
 Lewis, Mary J., 2743
 Lewis, Michael E., 2269
 Lewis, Reed S., 2423
 Lewis, Robert David., 234
 Lewis, S. M., 2899
 Lewis, Thomas A., 3081
 Li, Aihua., 1376
 Li, Guozhi., 2031
 Li, Habin., 2206
 Li, Judith Lew., 1727
 Li, Ken-yuon., 1860
 Li, Peng., 2122, 2212
 Li, Ruqi., 1330
 Li, Ruqi., 1483
 Li, Shiao Jing., 2570
 Li, Xiao-qing., 2443
 Li, Xiaolong., 1160
 Li, Zhaoyu., 822
 Li, Zhenlin., 3222, 3304
 Liang, Guojin., 1484
 Liang, Zuyang., 3008
 Liaw, Ean-tun., 1815
 Lienau, Jeffrey Jay., 2932
 Liere, Dean G., 2495
 Lightfoot, Richard (Richard Thomas), 402
 Ligman, Scott H., 3769
 Like, David E., 1583
 Lilley, Marvin Douglas., 3268
 Lim, Choo-chiang., 1377
 Lim, Daniel., 1296
 Lim, Hyungsik., 3572
 Lim, Kyoung Ho., 2984
 Limam, Mohamed., 3605
 Lin, Angela A., 1427
 Lin, Ben-lin., 1788
 Lin, Biing-hwan., 78
 Lin, Chin-yen David., 3680
 Lin, Ching-ho., 1275
 Lin, Dah-cheng., 522
 Lin, Der Jei., 834
 Lin, Huan., 707
 Lin, Kaijun., 3232, 3305
 Lin, Kowhe Sophia., 2668
 Lin, Li-hwa., 678
 Lin, Lie-fen., 3628
 Lin, Ling-Chwun., 2032
 Lin, Mau-Wei., 2609
 Lin, Peng-cheng., 2985
 Lin, Shuh-ren., 2963
 Lin, Shun Yih., 3369
 Lin, Tsae-yun Daphne., 3603
 Lin, Tsan-piao., 995
 Lindauer, Shelley Lynne Knudsen., 2649
 Lindberg-Muir, Catherine., 2795
 Lindburg, Katherine L., 3046
 Lindsay, Lee W., 2822
 Ling, Xiaoning., 848
 Liou, Grace Yow-Hwa., 3327
 Liou, Yow-Hwa Grace., 3357
 Lipka, Joseph T., 2347
 Lipp, Cynthia C., 2133
 Lippmann, Thomas C., 3244
 Little, Stephen W., 2348
 Liu, Ben-hui., 1025
 Liu, Cheng-chung., 193
 Liu, Daming., 514
 Liu, Dongtai., 1312, 1485
 Liu, He., 2939
 Liu, Pao-pao., 3009
 Liu, Qin., 770
 Liu, Tian-chen., 1331
 Liu, Yan., 625
 Liu, Yun-gang., 642
 Llewellyn, Janet George., 3187
 Lloyd, SallyAnne., 2650
 Locke, Kerry A., 894
 Logan, Sheila E., 2115
 Loken, Trygve., 2301
 Lolas, Mauricio., 431
 Lomnický, Gregg A., 1738
 Long, Barry A., 1938
 Long, Edgar Charles John., 2666
 Long, Linda C., 2709
 Longmate, Jeffrey A., 3611
 Loo, Deryk Thomas., 368
 Loopstra, Carol Anne., 2107
 Lopez, Albert., 3336
 Lopez-Jurado, Gerardo., 996
 Lorang, Mark S., 3263
 Lorenz, Jay R., 2294
 Lorenzo, Ariel., 1000
 Loshbaugh, Robert B., 2823
 Louch, Jeff., 666
 Loue, Gbeuli D., 3
 Lourvanij, Khavinet., 527
 Lovejoy, Steve C., 2933
 Low, Christopher S. F., 3084
 Low, Edmond J., 694
 Lowy, Robert Joel., 3755
 Loyer-Carlson, Vicki L., 2672
 Lozano de Gonzalez, Patricia., 1868
 Lozano de Gonzalez, Patricia., 1875
 Lu, Can., 2504
 Lu, Chungu., 283
 Lu, Shengjun., 2152
 Lu, Yuanan., 3040
 Lubis, Rusdian., 97
 Ludwig, Rainer., 2439
 Ludwig-Williams, Nancy., 1789
 Ludy, Robin L., 2559
 Luey, Ja-Kael., 523
 Luh, Song-ping., 507
 Luick, Bret R., 1865
 Lukefahr, Steven D., 212
 Lukes, Bryce K., 1809
 Lumas, Kathy A., 3736
 Lundahl, David S., 1861
 Lundeen, Thomas F., 591
 Lundgard, Robert., 338
 Lundy, Robert Craig., 773
 Luo, Lei., 1378
 Luo, Shun., 953
 Luo, Shyr Tung., 3117, 3152
 Luoma, Daniel L., 2275, 2293
 Lusk-Newman, Demaris E., 403
 Luttrell, William Lynn., 1250
 Lutz, Robert Scott., 3729
 Lwo, Lwun-syin., 3519
 Maatougui, Mohamed El Hadi., 914
 Macadam, Anne M., 3563
 Macario, Ana L. G., 2440
 Macdonald, Catherine A., 1538
 MacDonald, John A., 4
 Mace, Mariana L., 2835
 Mack, Gregory Stebbins., 2302
 Madar, Robert John., 1499
 Madden, Glenda L., 2635
 Madin, Ian., 2349
 Madrid, Modesto T., 2615
 Magee, Teresa K., 395
 Maggard, Carol J., 2496
 Maggard, Sharon P., 3421
 Maguire, Douglas A., 1993
 Maguire, Paul A., 1139
 Mahbod, Bahram., 2958
 Mahiou, Belaid., 561, 643
 Mahood, Richard O., 2335
 Maier, Pamela M., 2809
 Makande, Tendekai Don., 1230
 Maki, Robert G., 2047
 Malavasi, Marlene de Matos., 2171
 Malavasi, Ubirajara Contro., 2172
 Malhotra, Sanjeev., 1379
 Mallysetty, Venkata Ramana., 2950
 Malrouit, Yamini Lakshmi., 1608
 Malvick, Dean K., 408
 Mammen, M. Ninan., 1297
 Mandelbaum, Thomas B., 20
 Mangino, Mario M., 1840
 Mangold, Kathy A., 3639
 Mangold, Robert., 2189
 Manning, Donald Scott., 3099
 Manore, Melinda M., 1914
 Mansell, Libbie J., 3365
 Mansour, Mohamed (Mohamed Salah), 86
 Mao, Meiyu., 963
 Marcek, John M., 164
 Marciniak, Michael E., 915
 Marcot, Bruce G., 1721
 Marganus, Martin., 1614
 Margolis, Hank A., 2182
 Marin, Anna B., 1783
 Marino, Donald R., (Donald Robert), 1810
 Marion, Carol I., 2571

Marquez, Monica., 3706
 Marsden, Katherine E., 409
 Marsh, Christopher P., 3757
 Marshall, David D., 2213
 Marshall, John D. (John David), 2178
 Marshall, John L. (John Lee)., 2271
 Marshall, Joyce M., 1140, 1876
 Martell, Louise Kelly., 2673
 Martin, David C. (David Christopher)., 929
 Martin, Larry G., 2796
 Martin, Ruth C., 2541
 Martin, Sharon., 3674
 Martin, Teri L., 185
 Martinez, Maria Elena., 2701
 Martinez-Carballido, Jorge Francisco., 1443
 Martinez-Cob, Antonio., 3594
 Martinson, Kristen S., 1985
 Martinson, Steven Eric., 3667
 Martone, Joseph Arthur., 3000
 Marty, James Frank., 2898
 Maskai, Sailesh R., 1428
 Masood, Muhammad Shahid., 1019
 Masud, Jariah., 1624
 Masuo, Diane M., 1621
 Matalon, Marcelo E., 3033
 Matandos, Marcio., 528
 Mathews, Stephen E., 1251
 Mathius, I-Wayan., 183
 Matlock, John Patrick., 3634
 Matson, Pamela A., 2167
 Mattingly, Rosanna., 1722
 Matz, Stephan E., 2787
 Maule, Alec G., 1676, 1758
 Maurer, Roger J. (Roger Joseph)., 2853
 Mauser, David M., 3733
 Maxwell, Bruce D., 1026
 Maxwell, Nancy A., 1120
 May, Eric Bruce., 2248
 Mayhall, Cheron J., 881
 McAfee, Lyle Vernon., 597
 McAndrew, David Wayne., 3573
 McArdle, Theresa M., 244
 McAuliffe, David., 981
 McBride, Margaret Mary., 1739
 McBride, Neal., 1121
 McBride, Robin L., 3534
 McCadden, Richard Jay., 1971
 McCain, Cynthia N., 2134
 McCammon, Mark Thomas., 3061
 McClain, Keith M., 2183
 McClellan, Michael H., 2135, 2220
 McClellan, Paul James., 3604
 McCluskey, Kevin., 481
 McCown, Gary Edward., 3411
 McCoy, Edward L., 3582
 McCoy, Timothy J., 2923
 McCreary, Douglas D., 2187
 McCreight, Richard W., 2098
 McCulla, Michael S., 2417
 McCullough, Dale A., 1671
 McDade, Mary Helen., 416
 McDaniel, Dawn Marie., 548
 McDannel, Angela K., 2374
 McDonald, John H., 3202
 McDonald, William P., 3188
 McDougall, James W., 2419
 McEvoy, John., 1585
 McEwan, Barbara., 1161
 McFarland, Janine Ruth., 2797
 McGahuey, Michael L., 930
 McGarigal, Kevin., 3707
 McGee, Rebecca J., 2610
 McGeehan, Steven L., 3535
 McGinnis, Brian D., 2940
 McGlothlan, J. Kirk., 545
 McGregor, Donald R., 2694
 McGuire, Joseph., 644
 McHugh, Margaret H., 2350
 McInnis, Michael Lindsay., 3492
 McIntire, Patrick W., 3726
 McIntosh, Bruce A., 2166
 McIntosh, Mathew Allen., 1095
 McIntyre, Jana L., 2387
 McIntyre, Timothy., 1790
 McIver, James D., 1553
 McKee, Mollie A., 2810
 McKenzie-Carter, Michael A., 2231
 McKim, James M., 3636
 McLeod, Donald M., 42
 McLoughlin, Daryl., 10
 McMahan, John J. (John Joseph)., 1122
 McManus, James., 3309
 McMurray, Cynthia T., 341
 McNabb, David H., 3596
 McNair, Gary W., 3147
 McNair, Vannin Marie Hutchinson., 2223
 McNamee, William A., 98
 McNaught, Susan C., 1276
 McNeil, Ellen E. (Ellen Elizabeth)., 1096
 McSkimming, Sylvia., 2669
 McSwain, Michelle D., 1939
 Meadows, Sylvia Elise., 2582
 Mechling, Ann M., 2720
 Meddouri, Messaoud., 2522
 Medhora, Hiraz Kekobad., 2027
 Medina, Luis E., 954
 Meer, Ralph R., 1902
 Meier, Karen Elizabeth., 3694
 Meiners, Jane Ella., 1615
 Meinke, Robert James., 426, 485
 Meisenhelder, Jill., 3737
 Mejjati-Alami, Mohammed., 3504
 Mellen, Teresa Kim., 3703
 Melton, Lisa L., 3554
 Mendez, Juan., 34
 Merfeld, Michele Kay., 1616
 Merickel, Mark L., 3687
 Merrick, Richard L., 3237
 Merrifield, Kathryn J., 427
 Mesa, Matthew G., 1734
 Messing, Russell H., 1500, 1566
 Meunier, Patrick., 56
 Meyer, Julie (Julie Rae)., 396
 Meyer-Arendt, Karen., 812
 Meyerhoff, Richard Dietrich., 1576
 Meyers, S. Mark., 3697
 Meyersack, Ron R., 43
 Mhaka, Amon Gwaziva., 2533
 Michaels, Thomas Joseph., 442
 Micheals, Nancy J., 3031
 Milden, Mark R., 1291
 Miles, A. Keith., 3728
 Miles, Donald William Riggs., 3524
 Miles, Todd L., 3146
 Miller, Gary Scott., 3708
 Miller, Mark Wade., 2941
 Miller, Patricia M., 3498
 Miller, Richard W. (Richard William)., 1509
 Miller, Robert James., 667
 Miller, Suzanne Winifred Hilton., 3509
 Miller-Way, Christine A., 3211
 Mills, John R. (John Richard)., 1975
 Mills, Keith A., 679
 Mills, Nancy L., 2733
 Milota, Michael R., 2057
 Minei, Marvin., 2859
 Miner, Jeffery N., 3100
 Miranda, Pamela C., 2824
 Miranda-Lopez, Rita., 1825
 Mirashrafi, Mojtaba., 813
 Miring'u, Lucy N., 2642
 Mirza, Adly A., 2611
 Mischenko, John., 658
 Mischke, Karen Blomquist., 1097
 Mishler, Darrell W. (Darrell Wayne)., 1252
 Mishra, Prafulla K., 814
 Mitchell, Becky., 3547
 Mitchell, Connee S., 269
 Mitchell, Sandra J., 1910
 Mitchener, Virginia Wedler., 1200
 Mitchoff, Maureen Elaine., 2043
 Mitman, Grant Gregory., 387
 Mittelstaedt, Denice., 339
 Mix, Katherine A., 2462
 Mizelle, Woody R., 1183
 Mkamanga, Godwin Yindoli., 997
 Mmolawa, Onesimus B., 942
 Modhish, Abdulmalek M., 3432, 3448
 Moffitt-Westover, Cheryl Louise., 3037
 Moggia-Lucchini, Claudia E., 2560
 Moghaddam, Mehran Fallah., 179, 3374
 Mohamed, Fouad Abd El-Aal., 2874
 Mohammed, Ahmed Sarhan., 1462
 Mohammed, Fared H. A. N., 3550
 Mohebbi, Behrooz., 2959
 Mohyeldin, Mohamed Taha., 158
 Mokler, Scott M., 645
 Monaghan, Pegeen., 1586
 Mongkolsiri, Pravate., 1253
 Montano, Jose M., 2587
 Montgomery, Sue., 1098
 Moon, Young-hyun., 1444
 Moore, Edith., 3739
 Moore, Eric M., 2078
 Moore, Jane M., 1920
 Moore, Kelly M. S., 1649
 Moore, Michelle M., 1746
 Moore, Walter B., 21
 Moore-Mueller, Laura J., 2854
 Moosavi-Rad, Hamid., 2976
 Mordy, Calvin (Calvin Ward)., 3306
 Morehouse, James Wesley., 1184
 Moreno-Simunovic, Yerko., 2561
 Morgan, James L. M., 3778
 Morita, Sally J., 2778
 Morlan, Janet C., 2283
 Morrell, Patricia Drozdownski., 3506, 3520
 Morris, John W. (John William), 2214
 Morris, Mark A., 1527
 Morrisson, Laura A., 931
 Morrissey, Leslie A., 2460
 Morrissey, Michael Thomas., 1841
 Morrow, Robert J., 2272
 Moss, J. Alexander., 2721

Motazedian, Iraj., 3489
 Mou, Beiquan., 932
 Moussaoui, Ahmed., 2852
 Mouwen, Charles M., 908
 Moyer, Craig Lee., 3041
 Moyer, Richard A., 352
 Mpunami, Anatolia., 410
 Mu, Ming-chu., 1073
 Muangkoe, Marut., 70
 Mucklow, William R., 1231
 Muehlhausen, Laurel A., 3245
 Muggli, Noelle Elizabeth., 159, 219
 Mui, Lap K., 1429
 Mullen, Ellen Domaratus., 2408
 Muller, Rolf., 1533
 Mullins, Tracy M., 208
 Mumford, Daniel Franklin., 2375
 Mun, Byung-joo., 356
 Mun, Wangjin, 1468
 Mundy, Bruce C., 3203
 Munir, Muhammd., 1009
 Murad, Iskandar., 2018
 Murillo-Martinez, Carlos G., 48
 Murmingtyas, Endah., 57
 Murphy, Christopher F., 1528
 Murphy, Glen E., 1958
 Murphy, Kim Marie., 3212
 Murphy, Mary Loyer., 3425
 Murray, David W., 3291
 Murray, Helene., 2542
 Murray, Karen Ann., 1611
 Myers, Robert A. (Robert Allan)., 1404
 Myers, Timothy F., 1430
 Myhrum, Ronald P., 3525
 Nadjib, Benacef., 909
 Nakamura, Brian Clifford., 128
 Nam, Sang-jin., 2695
 Nance, Jon D., 284
 Nanja, Murthi., 835
 Naranjo R., Victor Hugo., 180
 Nasri, Hassen., 1826
 Nassar, Abdul-Rahman Hassan., 235, 3430
 Nassersharif, Bahram., 3148
 Nathalang, Santita., 2291
 Nauman, Hal Eugene., 2472
 Nave, Jay., 805
 Nave, Michael E., 1162
 Nawaz, Mohammad., 238
 Nayak, Harish Chandra B., 1380
 Ndzinge, Loftus O., 1185
 Neale, David B., 2173
 Nearingburg, Patt., 1201
 Nee, Cheng-chu., 2595
 Nelson, David Ezra., 2322
 Nelson, Dennis A., 1141
 Nelson, Jeffrey Stephen., 572
 Nelson, Jenny Stewart., 1595
 Nelson, Jim Steel., 3062
 Nelson, John Douglas., 2002
 Nelson, Mark E., 417
 Nelson, Philip D., 2226
 Nelson, S. Kim., 3709
 Nelson, Sheila J., 892
 Nemati, Gholam Reza., 1581
 Nevins, Barbara B., 2303
 Newell, Daniel L., 3127
 Neyzari, Shahrokh Ghaffari., 598
 Ni, Hae-Rong., 2058
 Miami, Farhad., 107
 Nibler, Francis J., 3538
 Nichol, Daniel Gerard., 1707
 Nicholls, Lou Ann., 2779
 Nichols, John W., 3635
 Nichols, Wade Taylor., 186
 Nichols, William E., 708
 Nicholson, Alison Campbell., 2153
 Nicholson, David K., 709, 2376
 Nicholson, Wesley E., 1994
 Nie, Tinglin., 2977
 Nielsen, Brent L., 3075
 Nielsen, Fay Elise., 1232
 Nielsen, Gary R. (Gary Richard)., 463
 Nielsen, Kim C., 5
 Niklitschek, Mario E., 27
 Nilipour, Amir H., 3443
 Nishibuchi, Mitsuaki., 3063
 Nishimoto, Robert N., 3213
 Nishizawa, Sho., 1123
 Niu, Chih-hao., 2126
 Niwa, Christine G., 1569
 Noble, Deborah Raber., 11
 Noble, Sandra M. (Sandra Marie)., 1747
 Nofziger, Sharon Dianne., 44
 Nogawa, Haruo., 1099
 Noland, Richard W., 1074
 Nolen, Ernest G., 599
 Noori, Fariborz., 982
 Norberg, O. Steven., 1038
 Norelius, Caroline F., 779
 Northcutt, Allison Ruth., 2237
 Norton, Kerry M., 1791
 Norton, Peter., 1354
 Nounamo, Laurent., 1001
 Nowlin, Donald., 2901
 Noyes, James Harry., 3695
 Nunez, Jose D., 1672
 Núñez, Oliva., 3631
 Nunez, Rodrigo H., 3256
 Nuss, Jeffery L., 710
 NwaChukwu, David O., 1313
 Nwafor, Oguguo Ebisi., 1842
 Nyunt, San., 943
 O'Brien, Margaret C. (Margaret Claire)., 3233
 O'Connor, John M., 3310
 O'Dell, Thomas E., 486
 O'Donnell, Robert P. (Robert Paul)., 3627
 O'Regan, Daniel J., 2880
 O'Shea, Katie L., 1049
 Obuskovic, Nevenka S., 499, 538
 Ochs, Michael., 3555
 Oddou, William Eugene., 1142
 Oelschlaeger, Imtraud., 1609
 Oh, Jai-Ho., 266, 301
 Ojha, Murari Prasad., 2875
 Okoye, Peter Iloabuchi., 1143
 Okutsu, Takamasa., 60
 Olafsdottir, Kristin., 347
 Olbinski, James Steven., 2304
 Olivera, Ricardo Martin., 3189
 Olsen, Eric R., 784
 Olsen, Jeffery L., 2497
 Olson, Annette M., 3745
 Olson, Daniel J., 2305
 Olson, Deanna H., 3767
 Olson, Pamela Niemeyer., 1617
 Olszewski, Mary Elizabeth., 2643
 Olufson, Loreen C., 2798
 Oman, Paul W., 840
 Omi, Steven Katsu., 2099, 2215
 Oppermann, Martin., 2282
 Oppy, Nancy Chun., 2678
 Or, Pee-Keong., 1332
 Or, Siu-shun Burnette., 1431
 Orberg, Paulo K., 3076
 Orchinik, Miles., 3779
 Oren, Ram., 2179
 Orhanovic, Neven., 1381
 Ortega-Farias, Samuel Orlando., 373
 Orwa, Julius O., 3392
 Osman, Khalid Amir., 3505
 Osta, Ahmad M., 1382
 Ostman, Larry., 2019
 Oswald, John David., 1510
 Ota, Ikuo., 2084
 Ott, Pablo., 916
 Ottinger, Joan Marie., 1888
 Ou, Bor-rung., 201
 Oufier, Lounes., 506, 540
 Ouyang, Ying., 3597
 Ovalle, Steven E. (Steven Edward)., 1593
 Overholtz, William Joseph., 1713
 Owen, Amy M., 2863
 Pacheco Aguilar, Ramon., 1792
 Paduan, Jeffrey D., 3297
 Paéz-Mejía, Manuel José., 3399
 Pallenberg, Alexander J., 626
 Palmer, Diane J., 2639
 Palmer, Marilyn Elizabeth., 868
 Palmer-Rosenberg, Paul S., 2336
 Pankratz, John., 1277
 Parandvash, G. Hossein., 108
 Paredes-Veloso, Gonzalo L., 1972, 1999
 Park, Chung Min., 1383
 Park, Dae-hyun., 1491
 Park, Heeyong., 3010
 Park, Tae-soon., 2889
 Park, Tongkyu., 2727
 Parke, Jennifer Lee., 443
 Parker, Michael J. (Michael John)., 2396
 Parker, Ricardo Jerome., 3085
 Parks, Susan T., 1163
 Parnell, Dale Paul., 1278
 Parrott, Richard Leslie., 1075
 Parson, Kevin J., 1432
 Parsons, Michael Raymond., 2289
 Pashak, Jeffrey J., 518
 Patiño, Reynaldo., 1673, 1678
 Patrier, Lionel., 690
 Pattee, Heidi Ann., 3011
 Paul, Mary Elaine Bowen., 1186
 Pavez Carrera, Patricio B., 1645
 Payne, Loretta M., 49
 Pearson, Calvin H., 983
 Pearson, Geraldine Helen., 1164
 Pearson, Monte L., 2292
 Pearsons, Todd N., 1657
 Peckham, Scott., 2868
 Pedretti, Ricardo., 1010
 Peek, Daniel C., 1020, 3530
 Pelegri, Jose L., 3214
 Pelto, Joan McAlmond., 1254
 Pendakur, Ramesh., 2722
 Peng, Gwo-sheng., 3012
 Peng, Lan L., 1384
 Peng, Songshi S., 3417
 Pennington, Darren C., 2632, 2674

Pennock, Edward S., 2362
 Pepi, Joseph A., 3556
 Pequeño, German E., 1662
 Perdew, Gary H., 1852
 Pereira, Clifford Brian., 3609
 Pereira, Wellington., 2588
 Perez-Rivas, Guillermo., 61
 Perlot, Martin., 2864
 Permantier, Gerald A., 1298
 Peng, Chiou-mey., 1811
 Pesklak, William Charles., 553
 Petchsing, Uraitatana., 1768, 1917
 Petereit, Ralph A., 3179
 Peterman, Mark K., 933
 Peters, Jeanne M., 1618
 Petersen, Kerry L., 2505
 Petersen, Terry D., 2195
 Peterson, Bruce (Bruce Alan)., 3612
 Peterson, Carolyn Pugh., 2314
 Peterson, Curt D., 3276
 Peterson, Jeffrey A., 3752
 Peterson, Patricia A., 1299
 Petre-Miller, Daniel S., 1255
 Pfeiffer, Nikolaus., 2909
 Pflieger, Thomas G. (Thomas George)., 428
 Pflug, Elizabeth A., 1165
 Phillips, Kathryn Ann., 1546
 Phillips, Stephen H. (Stephen Homes)., 1650
 Piacentini, Stephen Carl., 3047
 Piehl, Bradley T., 1940
 Piepmeier, Edward H., 3370
 Piepmeier, Karen Swanson., 1166, 2744
 Pierce, Laura G., 3746
 Pikul, Joseph L., 3526, 3589
 Pilando, Leticia S., 1769, 1855
 Pillai, Chandrasekhara., 3403
 Pillay, Harish., 1385
 Pilz, David P., 2100
 Pimentel, Gliceria Estandian., 1577
 Pinkerton, John Nelson., 449
 Pinto Alvarez, Luis A., 3246
 Pipoppinyo, Somsak., 1655
 Pirlet, André Jean., 280
 Placer, John R., 841
 Plaisted, Douglas C., 2603
 Pleet, Lawrence Joseph., 2902
 Poblete Arellano, Tirso S., 1695
 Pobsook, Thanithar., 2753
 Poet, Steven E., 3649
 Pollock, Martin L., 308
 Polonen, Ilpo Juhani., 209
 Polonsky, Jon D., 695
 Pomeroy, Douglas R., 869
 Pongthana, Nuanmanee., 1639
 Ponzetti, James Joseph., 2651
 Poocharoen, Boonthong., 1847
 Pool, Marilen A., 2825
 Poore, Joel K., 3539
 Poplawsky, Alan R., 455
 Populin, Luis., 1055
 Postman, Joseph D., 404
 Potter, A. W., 2418
 Potter, David Willard., 319
 Pujol, Michel., 2477
 Powell, Allyn B., 1728
 Powell, Leslie A. (Leslie Ann)., 2085
 Power, Sara Glen., 2412
 Prabhakaran, P. C., 636
 Prasad, S. Jayasimha., 1450
 Prater, Patrice L., 202
 Pratt, Randy C., 680
 Price, Comelia Lynde., 1827
 Price, Georgina., 2337
 Price, Mark., 2799
 Prichard, Andrew W., 3124
 Prihar, Douglas W., 2363
 Prince, Annie., 3175
 Pring, Cynthia Kay., 1679
 Privett, Diane Winters., 2490
 Proffitt, John Houston., 320
 Propper, Catherine R., 3768
 Pross, Derek D., 2284
 Proudfoot, Robert Charles., 1100
 Przybylowicz, Paul., 456
 Pubanz, George A., 614
 Puettmann, Klaus J., 2207
 Purohit, Sarla., 326
 Putnam, Betsy June., 2101
 Puttonen, Pasi Kalevi., 2108
 Pyle, Douglas G., 2377
 Qayyum, Mazhar., 2405
 Qi, Xiaoping., 2800
 Qin, Bi-de., 1355
 Quant, Rebecca L., 2252
 Queirolo, Lewis E., 99
 Questad, Beverly A., 1279
 Quiring, Nathan., 1584
 Qvistgaard P., Carlos G., 62
 Rachele, Ronni V., 2766
 Radke, Garold E., 549
 Radke-Mitchell, Lyn C., 3025
 Rady, El-Houssainy Abdelbar., 3610
 Rahardjo, Susilowati., 2052
 Raharjo, Yono C., 223
 Rahman, Mohammad A., 357
 Rahman, Mohammad Moznur., 955
 Rahmun, Lindsay., 2780
 Raja Abdullah, Nik Mustapha bin., 112
 Rajagopal, S. N., 3086
 Rajanala, Arunkumar V., 1356
 Rakphongphairoj, Vinai., 3445
 Ramaker, M. Jolene., 878
 Rambo, Danny Lynn., 2224
 Ramchandran, Ashok., 1405
 Ramsdell, Howard Scott., 340
 Ramsden, Jerald Day., 3180
 Ramsey, Katherine J., 3477
 Ramus, Terry Lee., 605
 Ranasinghe, Jatila., 2919, 2986
 Ranawake, Udaya A., 1314, 1492
 Ranga Rao, Gangavalli V., 1558
 Rao, Mulpuri Venkata., 1451
 Rarey, Phillip Jay., 2338
 Rasker, Raymond., 2087
 Rasmussen, Clyde A., 3690
 Rasolondramanitra, Henri., 3400
 Rastegar, Bahador., 1304
 Rat-rim-chong, Aim-ut-cha., 1202
 Rathore, Hargovind S., 3354
 Rawson, Cathleen L., 3321, 3355
 Ray, Brian Daniel., 3514
 Re, Jose Vicente., 1011
 Rea, Alan H., 144
 Read, Richard Thomas., 2754
 Reardon, Patrick Thomas., 3122
 Rebhuhn, Mark Keith., 2513
 Rebillat, S. J., 2745
 Rector, David R., 2915
 Redden, George Dean., 3190
 Redding, Joseph Michael., 1714
 Reddy, Guvvala Nagabhushana., 627
 Reed, Stephen Paul., 6
 Reese, Gregory G., 1050
 Reeves, Gordon H., 1665
 Regner, Michael John., 3328
 Rehnberg, Bradley Glenn., 1723
 Reid, Brad., 3234
 Reid, Paula W., 2109
 Reiman, John W., 865
 Reinalda, Johannes K., 1433
 Reiter, Christina Scribner., 1884
 Reiter, Maryanne., 1952
 Reitz, Wayne., 3001
 Ren, Shan., 2033, 2074
 Rentola, Christopher T. W., 1300
 Reudink, Mark D., 1434
 Reyes, Carlos C., 1039
 Reyes, Luis Antonio., 2562
 Reynolds, Julia A., 1041
 Reynolds, Kristy., 2836
 Rhee, Ill-keun., 1473
 Rhodes, Albert N., 3048
 Rhodes, Bruce Douglas., 3462
 Ri, Chang-seop., 659
 Rich, Joseph A. (Joseph Ash)., 1101
 Richards, Laura S., 3655
 Richards, Matthew E., 2339
 Richardson, Brian., 2196
 Rickard, Lora G., 3658
 Rickard, Mollie., 855
 Ricks, Cynthia L., 2315
 Rico-Pena, Delmy del Carmen., 1816
 Rieckert, Volker., 3383
 Ried, Jeffrey L., 382
 Riedel, Gerhardt F., 3269
 Riegel, Gregg Mason., 3499
 Rieke, Ross D., 671
 Rife, Carol Lee., 1203
 Riffero, Linda Marie., 1877
 Riggs, Dale Ila Miles., 2523
 Riitters, Kurt H., 2184
 Rinehold, John W., 2534
 Rintala, Pauli Olavi., 2685
 Ripley, James Douglas., 450
 Ripple, William J., 2288
 Riscoe, Michael Kevin., 327
 Ritchie, Martin W., 1966
 Rivera, Joseph Bechaida T., 1579
 Robbins, Richard William., 1934
 Roberti, Kellee Ann., 3042
 Roberts, Cynthia., 764
 Roberts, Michael C. (Michael Coy)., 898, 944
 Roberts, Nancy A., 2826
 Robertson, Robert A., 2755
 Robinson, Anja M., 1731
 Robinson, Scott R., 3770
 Robison, E. George., 1943
 Rochelle, Lori G., 3640
 Rochelle, Patrick R., 1406
 Rockey, Daniel D., 3106
 Rodger, Lynn Dian., 170
 Rodgers, Jeffrey D., 1646
 Rodnick, Kenneth J., 1635
 Rodriguez, Russell John., 3071
 Roe, Lisa Lynn., 2479
 Roesler, Collin Stevens., 3238
 Rohm, Christina M., 1696
 Rohm, Dale M., 2886
 Rohrer, William H., 3671

Rojas-Calvo, Carlos Enrique., 971
 Rojas-Melo, Nestor S., 2154
 Roley, Kenneth L., 723
 Romea, Richard Dennis., 3270
 Rommel, Angelika., 1801, 1869
 Romo, James T., 3493
 Romstad, Eirik., 115
 Roof, Becky Jane., 815
 Root, Ann L., 2278
 Rosane, Carol Harper., 136
 Rose, Carolyn K., 3675
 Rose, Cathy L., 2208
 Rose, Crystal A., 924
 Rose, Jeffrey A., 3473
 Rose, William Jackson., 220
 Roseberg, Richard J., 3536
 Roseman, Nancy A., 3087
 Rosenbauer, Martin., 3397
 Rosenbaum, Larry C., 309
 Rosenberg, Daniel K., 3716
 Ross, Darrell W., 2116
 Ross, Mark (Mark H.), 22
 Rossi, Richard J., 3615
 Roth, Shirley L., 809
 Roth, Stephen Elliott., 775
 Roub, Evangeline R., 2924
 Roush, Mary Lynn., 1012
 Routledge, Garry L., 2699
 Rowe, Barbara R., 1622
 Roy, Bhasker Vilva., 492
 Royce, Lynn A., 1572
 Royland, Joyce E., 3366
 Rozaire-Brown, Beverley Carol., 866
 Ruan, Xiumei., 3340
 Ruangruchira, Natsuda., 1280
 Rubio, Eduardo A., 2710
 Ruby, Glenn Russell., 790
 Ruff, Ritchey Alvin., 849
 Ruhl, Glenn David., 781
 Ruhumba-Sindiheburu, Pascaline., 1906
 Runyan, Mark Talbott., 562
 Runyon, John R., 2246
 Ruscher, Paul Harold., 300
 Rushdi, Ahmed I.M., 3300
 Russell, Amber Simmons., 1599
 Rutanawilai, Saowaporn., 3672
 Rutherford, Gregory J., 3056
 Ruttum, Joanne C., 432
 Ruyle, Kim E., 3664, 3688
 Rwangano, Felicien., 1740
 Rwebangira, T., 744
 Ryan, Daberath., 1793
 Ryan, Kelly M., 696
 Ryan, Michael G., 2197
 Ryan, Philip Kevin., 130
 Ryan-Burkett, Sandra E., 2279
 Saamin, Shahrudin., 2596
 Sabja, Ana Maria., 2543
 Sachs, Donald., 2110
 Saedi, Mohammad Saed., 3018
 Saedi-Faez, Sheida., 791
 Saeed, Mohammad., 1534
 Safley, L. Eugene., 2378
 Sahajwalla, Chandrahas G., 3322, 3358
 Sahle-Demessie, Endalkachew., 519
 Sakallah, Faten A., 1315
 Salama, Maysoon., 3026
 Saleh, Amina Ali Abd El-Fattah., 3613
 Saleh, Budiman., 2696
 Salerno, Laurel F., 3019
 Sales Luis, Jaime Fernando., 1967
 Salgado, Eduardo A., 3583
 Salih, Mohammed Ali., 3082
 Salinas, John T., 566
 Salmeron-Zamora, Jose Juan., 998
 Salminen, Edward M., 1953
 Samahito, Supitr Chotinukul., 1102
 Samelson, Roger M., 3298
 Samiroden, Walter Donald., 1076
 Samuels, Jeffery W., 3154
 Sanchez, Enrique E., 2616
 Sanchez, Nora B., 1817
 Sanchez, Ramon M., 3557
 Sanchez, William K., 171
 Sanders, Terri K., 1889
 Sandrey, Ronald Albert., 71
 Sanguanruang, Oravan., 628
 Sanguanruang, Santisuk., 35, 116
 Sanner, Carol Jo., 1651
 Sans, Roger Stephen., 2340
 Sansome, Constance J. (Constance Jefferson), 2414
 Santoso, Elisabeth., 532
 Sanz, Carlos C., 500
 Saoud, Nabeel B., 213
 Sapii, Ahmad Tarmizi., 2563
 Sapsis, David B., 3478
 Saremi, Ahmad Reza., 2734
 Saremi, Mahnaz., 87
 Sarewitz, Daniel R., 2306
 Sargent, Roy Geoffrey., 342
 Sartnurak, Soisurin., 3315, 3348
 Sattel, Daniel., 2441
 Sattell, Robert R., 3561
 Saugen, John David., 1333
 Saunders, George P., 697
 Sauter, Roger M., 3625
 Savage, Thomas J., 2136
 Savelsbergh, Mary., 1204
 Savidge, William B., 3235
 Sawyer, Rita., 3666
 Sayavedra-Soto, Luis Alberto., 1848
 Scarborough, Stephen D., 2876
 Scarlett, Lori M., 2257
 Schaal, Hans-werner., 1386
 Schaefer, Timothy S., 3112
 Schaffer, Randy Lee., 2227
 Scheyer, Joyce Mack., 3540
 Schild, Eric R., 2705
 Schilk, Alan J., 660
 Schillinger, William Fred., 899
 Schisler, David Albert., 383, 468
 Schlenk, Daniel K., 3637
 Schloss, Jacob Leon., 1205
 Schmid, Andreas (Andreas Karl), 3379
 Schmidt, Edward Eric., 365
 Schmidt, Robert Dean., 579
 Schmieder, Patricia K. (Patricia Kathleen), 3642
 Schmiede, Cynthia J., 2644
 Schmin, Uwe., 3388
 Schmitt, Dave N., 2767
 Schneider, Evan G., 2760
 Schneider, Richard C., 2364
 Schnick, Jeffrey W., 3410
 Schober, Brigitte I., 1612
 Schoeche, Sabine., 1603
 Schoeneberger, Philip James., 3527
 Scholz, Todd., 711
 Schön, Chris-Carolin., 976
 Schöne, Dieter Hans-Friedrich., 1988
 Schons, Debra Jo., 172
 Schreiber, Barry., 2137
 Schreindorfer, Crystal Salvas., 2788
 Schroeder, Carla L., 1775
 Schroeder, Jan-Marie., 2535
 Schroer, Gregory L., 3704
 Schroth, Martin H., 712
 Schuch, Ursula K., 2127
 Schuch, Ursula K., 2617
 Schuetz, Larry Jamison., 1233
 Schuler, Carol A., 1701
 Schultz, Karin L., 2429
 Schulz, Norbert S., 3376
 Schumm, Gerhard., 1301
 Schussel, Leonard J., 629
 Schuttler, Patti L., 2536
 Schwartz, John Steven., 1748
 Schwenker, Rainer., 3395
 Schwing, Hans Frederick., 2316
 Schwinkendorf, Kevin N., 3118
 Scott, George M., 2506
 Scott, James Douglas., 2604
 Scott, Thomas M. (Thomas Matthew), 2724
 Scrivani, John., 1995
 Seckin, Turgay., 567
 Seddigh, Majid., 984
 Seedorf, Douglas Christopher., 2307
 Seifkhani, Farroh., 1407
 Seitz, Julia Ann., 1895
 Selvy, Theresa A., 3163
 Sether, Diane M., 1541
 Setyobudi, Lilik., 1573
 Severeide, Rebecca C., 2670
 Sewall, Cathy Hampshire., 2514
 Sewall, David K., 1512
 Seward, Dawn R'Lene., 3720
 Sewell, Janet M., 2934
 Sexton, Camille Marie., 418
 Seyfarth, Leonard H., 1077
 Shaban, Ali Omar., 1455
 Shah, Rajen Jayantilal., 800
 Shainsky, Lauri J., 2198
 Shake, Caron Lee Louise., 1234
 Shalloof, Faisal M., 88
 Shankar, Ila., 2679
 Shanks, Carol A., 3057
 Shao, Ming., 2044
 Shapiro, Leland Sanford., 239
 Sharif-Razi, Ali-Reza., 2970
 Sharp, John L., 3257
 Shaul, Warren., 1640
 Shaw, Nancy L. (Nancy Lynn), 900
 Shay, John T., 2397
 Shea, Edward Carl., 2891
 Shearer, Peter W., 1539
 Shearman, Nancy Walker., 2768
 Sheehy, Dennis Patrick., 3496
 Sheffield, Thomas H., 2007
 Sheikh, Allah Ditta., 66
 Shelly, J. Stephen., 397
 Shen, Ben., 661
 Shenker, Jonathan M., 3285
 Shenoy, Ravindra Umanath., 1357
 Sherer, Brett Micheal., 150
 Shieh, Jong-neng., 1542
 Shieh, Sen-her., 1543
 Shields, Edith A., 762
 Shields, James Phillip., 630
 Shigeno, Debra Sue., 3027

Shih, Ah Shing., 358
 Shih, Shyuer-ming., 3251
 Shimakawa, Tomoko., 1878
 Shimizu, Mami., 2837
 Shin, Hwa-Yong., 2675
 Shin, Ong-in., 3181
 Shindler, Bruce A., 2080
 Shirazi, Abbas K., 2621
 Shoemaker, Suzanne., 1697
 Shore, Maria Dawn., 194
 Shrestha, Gyan Kumar., 2592
 Shroff, Raj N., 2726
 Shubat, Pam., 1690
 Shufelt, Eileen Marie., 419
 Shuler, Philip E., 1040
 Shum, Daniel K., 1387
 Siaway, Arthur., 103
 Sidder, Gary Brian., 2413
 Siemion, Edward V., 580
 Sievers, Gary K., 1046
 Siggel, Lorenz., 615
 Siggel, Michele Ruth Fisher., 616
 Sigismondi, Linda A., 1724
 Sikkil, Paul C., 1749
 Sil, Jayashree., 63
 Silberman, Ricardo S., 2498
 Siller-Cepeda, Jorge H., 2524, 2622
 Silva, Larry A., 3412
 Simard, Suzanne W., 2144
 Simmons-Rogers, Alexandra L., 2756
 Simonds, John E., 2942
 Simone, Mark V., 50
 Simpson, Gregory D., 3431
 Simpson, Randall C., 698
 Simpson-Rivera, Ricardo Jose., 1828
 Sims, Gigi-Terese., 2844
 Sinclair, Elizabeth Hacker., 3247
 Singer, Daniel Jay., 1103
 Singer, William H., 871
 Sinquefield, Scott A., 529
 Siriboon, Thit., 1463
 Siripanich, Pachitjanut (Dasnanjali)., 3616
 Siriprasert, Jirakorn., 1281
 Sisson, David A., 2761
 Sitompul, Darwin., 2700
 Sivakolundu, Ramesh., 1358
 Skelton, Jeanette K., 1359
 Skultab, Seeviga., 1501
 Skwarek, Richard J., 1078
 Slater, Caleb H., 1711
 Slayden, OV Daniel., 240
 Slear, James D., 1051
 Smart, Ann Dillie., 1256
 Smergut, Teresa A., 3480
 Smith, Clayton Nowlin., 1257
 Smith, Daniel E., 3166
 Smith, Deilla A., 2781
 Smith, Edward J. (Edward Jude)., 3452
 Smith, Edward J.M.S., 195
 Smith, Elaine D., 405
 Smith, Gary Allen., 2415
 Smith, Gary Daniel., 196
 Smith, Gary Wilson., 72
 Smith, Jerome Francis., 137
 Smith, John B., 1770
 Smith, Jonathan V., 2838
 Smith, Judith Claire., 2477
 Smith, Karen Clark., 1258
 Smith, Mark T., 2916
 Smith, Monne K., 879
 Smith, Monty Ray., 586
 Smith, Muriel K., 388
 Smith, Nicholas J., 2174
 Smith, Richard D. (Richard Dean)., 2323, 2459
 Smith, Robert W., 646
 Smith, Steven J., 2888
 Smyth, Jeffrey D., 145
 Sneed, Jacquelin M., 2285
 Snelling, John P., 887
 Snider, Martha Ann., 1619
 Snider, Michael Duane., 3457
 Snow, Billy Douglas., 389
 So, Dennis., 1388
 Soetrisno, Uken Sukaeni Sanusi., 3177
 Sohn, Sangwon., 2728
 Solano-Borrego, Ariel E., 2447
 Solem, Michele Lee., 313
 Sologuren P., Santiago., 2848
 Somers, Todd Charles., 631
 Sommers, Walter B., 786
 Sonawala, Paula., 3389
 Song, Hong-keun., 2020, 2063
 Song, Jihyun., 3173
 Song, Yen-ling., 3088
 Song, Zhao-ming., 2692
 Soofi, Muhammad Asif., 2444
 Soong, Caroline Chuan-chin., 1600
 Sorte, Joanne Godard., 2640
 Soukup, Margaret A., 1104
 Spanos, George A., 1784, 1862
 Speaker, Robert., 1643
 Spee, Rene., 1292, 1464
 Spielvogel, Sandra Petersen., 3759
 Spiro, Craig., 348
 Spitz, Herbert M., 2341
 St. Clair, John Bradley., 2209
 St. Martin, Joseph Wilfred., 3204
 Stack, William Robert., 1947
 Staebler, Bonita Louise., 1124
 Stainbrook, Eric Eric., 1636
 Staley, Kathryn Boyer., 3740
 Standley, Laurel J., 3299
 Stanley, Sandra Tierney., 1235
 Starbuck, Brian J., 563
 Stark, Steven Bruce., 1547
 Starmach, Ewa M., 1187
 Starr, Karen J., 2746
 Staskus, Paul., 343
 Stauffer, Larry A., 2978
 Stebbins, Sarah J., 1206
 Steedman, Robert John., 1504
 Steggell, Carmen Dobson., 1629
 Stein, Ira Steven., 917
 Steinbock, Teresa M., 801
 Steinman, Alan D., 470
 Stenson, Julie Ann., 1207
 Stephenson, Jerry D., 2920
 Stephenson, Sue Uland., 783
 Sterbentz, James W., 3149
 Stern, Mark A., 1703
 Stevens, Darren W., 3398
 Stevens, Gordon Arthur., 2577
 Stevenson, Carl W., 1282
 Stewart, Glenn H., 457
 Stidwill, Howard F., 1125
 Stürchak, Eugene P., 592
 Stockberger, Roxy A., 3330
 Stockton, Judith D., 2839
 Stokstad, Grete Synnove., 51
 Stolzenbach, James Carlson., 3349
 Stone, Catherine S., 451
 Stone, Kenneth A., 287
 Stonedahl, Gary Michael., 1548
 Stormberg, Gregory J., 2406
 Story, Sandra C., 3367
 Stoupa, Joan., 681
 Straub, Angela Marie., 1833
 Streeter, Donald J., 956
 Streisel, Robert C., 2064
 Stringham, Tamzen K., 12
 Strong, Elizabeth J., 13
 Su, Han-tzong., 3413
 Su, Shanghe., 1818
 Su, Wan., 2840
 Subaei, Abdelbagi., 79
 Subrahmanyam, Sriram., 2053
 Subramanian, Vivek., 1408
 Sugar, David., 475
 Sui, Yueh Chun., 3128
 Sukkaset, Prasart., 2971
 Sukume, Chrispen., 52
 Sule, Pushkar Anant., 576
 Sullivan, J. Kevin (Jeremiah Kevin), 1259
 Sullivan, Timothy Joseph., 2249
 Sultan, Mohammed Ashraf., 1456
 Sumaryono, 2515
 Sumich, James L., 3286
 Summers, Cathy A., 2398
 Summers, Richard P., 1926
 Sumrain, Ibrahim A., 1167
 Sun, Hongxing., 647
 Sun, Kenneth Cheung-Ping., 558
 Sun, Michael B., 1188
 Suphawibul, Mayuree., 2690
 Surerus, Jo Anne M., 248
 Suryawan, Agus., 197
 Suvanakoot, Uthai., 3345
 Suzuki, Nobuya., 3721
 Svejcar, Tony., 3485
 Swan, Michael Kent., 3685
 Swanson, David L., 3771
 Swanson, Hollie I., 1812
 Swanson, Sherman R., 3486
 Syhre, Danny R., 3650
 Sylvester, Lancelot G., 2711
 Szabo, Leslie J., 444
 Sze, Wing-II., 1465
 Szent-Györgyi, Christopher Stephan., 321
 Szot, Patricia., 3359
 Szymoniak, Tom., 691
 Tabesh, Taraneh., 682
 Tachasirinugune, Sommai., 160, 3442
 Tafesh, Ahmed Mohammed., 554
 Tagarino, Rogelio N., 89
 Takallou, Hossein B., 745
 Takallou, Mojtaba B., 733
 Takeshita, Shunichi., 1260
 Talbott, Mary Catherine., 1896
 Talebbeydokhti, Nasser., 731
 Talkington, Michael Lee., 1505
 Talmage, Catherine., 2841
 Tاملen, Peter G., van., 3780
 Tami, Mohamed., 2499
 Tamin, Azaibi., 3101
 Tan, Hin Leong., 1293
 Tan, Siyuan., 2537
 Tanaka, Hiroshi., 67
 Tanaka, John Augustus., 3458

Tanaka, Seiji., 1549
 Tanaka, Yoshihiro., 747
 Tang, Fa-tai., 546
 Tang, Li., 751
 Tang, Zhigiang., 1466
 Tanida, Hajime., 165, 224
 Tanino, Karen K., 2612
 Tanphiphat, Karin., 934, 1027
 Tapsuwan, Sakchye., 1105
 Tapsuwan, Suda., 1126
 Taqueban, Cappia R., 1236
 Taracena, Fernando L., 2729
 Tataraka, Bernadette., 258
 Tate, Marshall., 3316
 Tatong, Walapa., 3317, 3356
 Tavipatana, Wattanaporn., 3323, 3360
 Tay, Winnie K., 90
 Taylor, Charles Robert., 3408
 Taylor, Christine G., 2481
 Taylor, H. Terry., 2228
 Taylor, Michael L. (Michael Lester), 28, 121
 Taylor, Robert Lynn., 1927
 Teichert, Kurt., 23
 Temte, Jonathan L., 3223
 TenBrook, Warren Kermit., 2238
 Tence, David A., 2951
 Teng, Chung-chu., 672, 737
 Teschner, Pamela J. Smith., 2470
 Tester, Patricia Ann., 3271
 Than, Mya., 945
 Thayer, Brock E., 2464
 Theiling, Karen M., 1518
 Thenoux, Guillermo., 738
 Theramongkol, Parinya., 606
 Thielen, David Leo., 686
 Thiemann, Gerry B., 7
 Thoma, Michael N., 2276
 Thomas, Dana Lester., 3600
 Thomas, Dorothy Mae., 1604
 Thomas, Theodore Bruce., 2117
 Thomason, Robert Edward., 2308
 Thomasson, James E., 2544
 Thomison, Patrick., 2782
 Thompson, Delila M., 935
 Thompson, Eric William., 2952
 Thompson, Gary O., 716
 Thompson, Grant Garrison., 1663
 Thompson, Joyce Ann., 972
 Thompson, Paul Douglas., 668
 Thomson, Thomas W., 3564
 Thorburn, Michael Arthur., 1493
 Thormahlen, David J., 2317
 Thornburg, Todd Mark., 3280
 Thunell, Randall Kirk., 1843
 Thye, Yong., 1334
 Tidball, Carolyn Jean., 420
 Tieman, Henry William., 2869
 Tirmenstein, Mark A., 349
 Tisdale, Lucille., 2783
 Tissot, Brian N. (Brian Nelson), 3776
 Tissot, Susan Gaughan., 2842
 Tjaharyanto, Djojo., 3331
 Tobbi, Belgacem., 3548
 Tobery, James R., 2811
 Tobey, Toni K., 2789
 Tobias, Benjamin C., 2964
 Toby, Tony Udo., 3676
 Tokamakian, Robin., 3252
 Tola, Jaime., 990
 Toledo-Flores, Luis Javier., 1771
 Tollerud, Edward I., 295
 Tomas, Robert A., 281
 Tombropoulos, Charles B., 2812
 Tomlinson, Patricia Short., 2652
 Torres Rojo, Juan Manuel., 1976, 2003
 Tota, Michael R., 353
 Toth, Barbara L., 2247
 Toumadje, Arazdordi., 2589
 Toweill, Dale E., 1725
 Tower, Paula Allene., 3095
 Towle, Betsy., 495
 Townsend, Terry P., 73
 Tragoonrung, Somvong., 964
 Trail, Frances., 398
 Traylor, Roger L., 1409
 Treneman, Nancy C., 3749
 Tressler, Karen D., 2086
 Treuden, Michael L., 2877
 Triggs, Nancy E., 648
 Triperinas, Mary Lou Armstrong., 872
 Tripp, Ralph A., 3102
 Trowbridge, Cynthia D., 3772
 Tsai, Ching-Hsiu., 2254
 Tsai, Huai-jen., 3083
 Tsai, Yau-tang., 739
 Tsuboya, Yoko., 1237
 Tsuji, Masayoshi., 3103
 Tuah, Hang., 727
 Tuan, Shenhsiu., 1785
 Tuen, Tuen., 2870
 Tullo, Daniel Duane., 3020
 Tumbelaka, Ligaya., 203
 Tung, Chao-hsiung., 2190
 Tunhikorn, Bupphachart Photisar., 3511
 Tunhikorn, Schwann., 1729
 Turaga, Prasad S. D., 3107
 Turek, Paul S., 91
 Turk, Farzaneh., 1813
 Turley, Robert H., 1002
 Turner, J. Kevin., 1028
 Turner, Martha I., 1106
 Turner, Micki., 1283
 Turner, Robert W. (Robert William), 1168
 Turner, Teresa., 3756
 Turton, Richard., 533
 Tuyls, Gary W., 2474
 Uddin, Zaheer., 3439
 Udompitkul, Tumrong., 1189
 Ueyoshi, Kyoza., 297
 Ullrich, James R., 806
 Ullrich, Nancy Ann., 3653
 Ulrich, Thierry Olivier P., 2008
 Unruh, Melissa N., 14
 Urena, Helena Molina., 3253
 Ursitti, Victoria L., 1750
 Uy, Myra Lane Y., 794
 Vaitkus, Milda R., 3464
 Valdivia de Capo, Blanca., 3038
 Valenciano Mora, Jose Roberto., 2564
 Valett, Melee Kaye., 2229
 Valladao, Mariiin., 3055
 Valsta, Lauri., 1968
 Valsta, Liisa M., 1786
 Valverde, Bernal E., 936, 1021
 Valyasevi, Ruud., 3113
 Van Develder, Pamela A., 2843
 Van Dissen, Russell J., 2379
 Van Engelen, Debra L., 617
 Van Heeswijk, Marijke., 2436
 Van Kessel, Jeanette M., 2813
 Van Slyke, Ruth E., 249
 Van Winkle, Samina., 1814
 Vanavichit, Apichart., 1029
 Vance, Nan C., 2199
 VanDeRiet, Shirley J., 1915
 Vanderpool, Nancy Marston., 782
 Vanderwaal, James A., 1928
 VanWinkle, James A., 3138
 Vargas-Hernandez, Jesus., 2216
 Vasquez de Montalvo, Socorro I., 618
 Vaz, Rui Luiz., 2590
 Veal, Lawrence Lyman., 1169
 Vee, George L., 3343
 Vee, Regina M., 2790
 Velazquez-Martinez, Alejandro., 2217
 Veldhuisen, Curt N., 1949
 Venegas, Cesar Rolando., 965
 Venkatswamy, Suresh., 1410
 Verges, Ruben P., 957
 Vermeul, Vincent R., 717
 Verplanck, Emily Pierce., 3215
 Verplanck, Philip L., 2351
 Vest, Sarah B., 2365
 Vieira, Luiz Gonzaga E., 918, 1003
 Villamayor, Faustino Paysan., 3587
 Villarreal, Elciria C., 3089
 Villarreal Diaz, Carlos Enrique., 3686
 Villarroel, Luz E. Maciel de., 780
 Vincent, Andrew M., 3119
 Vincent, Daniel R., 1554
 Vincent, Robert Montgomery., 2296
 Virk, Ricky S., 3170
 Viroonsri, Boonchai., 3626
 Vischer, Axel P., 3418
 Visconti, Robert Vincent., 2309
 Vlissis, Nicholas C., 2849
 Vogue, Margaret A., 3565
 Vojdani, Fakhrieh., 1802
 Volk, John., 2159
 Vollmer, Gregory S., 946
 Von Breymann, Marta Torres., 3191
 Vondracek, Julie A., 2844
 Vora, Younus., 2706
 Waddell, Karen Lynne., 2111
 Waddle, Robert D., 573
 Wade, Mark., 1652
 Wagner, Bonnie S., 2475
 Wagner, Robert Gordon., 2210
 Wagner, Sara Anne., 3753
 Wahid, Abdul., 3500
 Waibler, Max., 2683
 Wakefield, Willard Waldo., 3205
 Waldman, Jeff L., 2388
 Walker, Calvin., 214
 Walker, David S., 713
 Walker, Helen M. (Helen Marguerite), 3034
 Walker, Robert James., 2421
 Wall, James Keith., 1079
 Wall, Patricia J., 1144
 Wallace, Alan R., 2409
 Wallace, Kathryn Anne., 2037
 Wallner-Pendleton, Eva Andrea., 3651
 Walls, Timothy W., 2507
 Walsh, Ian David., 3224
 Walter, David Evans., 1559
 Walter, M. Carol., 1890
 Walter, Michael H., 411
 Wang, Chao-huan., 2088
 Wang, Chunzai., 290

Wang, De-qian., 139, 3002
 Wang, Deing., 2972
 Wang, Gongming., 724
 Wang, Haiyan., 581
 Wang, Jianguo., 3474
 Wang, Jin-chemg., 1208
 Wang, Jough-tai., 298
 Wang, Kai., 344
 Wang, Kuen Wu., 1879
 Wang, Ruiping., 3414
 Wang, Sen., 1979
 Wang, Shi Ping., 888
 Wang, Wen-tsao., 2723
 Wang, Xi., 2865
 Wang, Yeong., 354
 Wang, Yin-Tung., 2591
 Wang, Yusan., 2973
 Wang, Zhengqi., 2160
 Wanjagi, Francis Ndung'u., 3568
 Ward, Amy Sarver., 1885
 Ward, Donald L. (Donald LeRoy), 3183
 Warner, John Robert., 3459
 Warrag, Esam Eldin I., 2118
 Warren, Andrew Howard., 2866
 Warrior, Ulhas S., 568
 Wasson, Diana H., 1870
 Watanabe, Robin Aiko., 3035
 Watkins, Deane A., 2845
 Watson, Edwin R., 1107
 Wear, Linda Marie., 104
 Weaver, Alice., 3741
 Webb, Brent Jonathan., 3139
 Webb, David M. (David Morton), 1033
 Webb, Donna Louise., 1080
 Weber, John C., 2200
 Weber, Mary Kathryn., 2757
 Weber, Shane Crawford., 322
 Weber, Timothy L., 3003
 Weeks, Linda C., 181
 Wei, Ching-ling., 3225
 Wei, Ien-lan., 1880
 Weidlich, Georg A., 3393
 Weigand, Claus H., 1305
 Weiner, Gary S., 1691
 Weinrich, Scott L., 3090
 Weinzierl, Richard A., 1560
 Weiss, Nondor T., 1680
 Weisshaar, Andreas., 1316, 1486
 Weitz, Stephen L., 333
 Weliky, Karen., 3192
 Weller, Doreen L., 593
 Welling, Leigh A., 3258
 Wells, Barbara Heard., 1022
 Wells, Fred V., 594
 Wendland, David W., 2380
 Werahera, Priya N., 1317
 Werner, Kenneth Stefan., 2456
 Wesche-Ebeling, Pedro Alfredo E., 1849
 Wesley, Charmaine., 1209
 West, Kathryn S., 204
 West, Kenneth John., 1535
 West, Lani., 3763
 West, Peter., 15
 West, Rex Alan., 2846
 Westenskow, Kathy Jo., 3481
 Wetle, Victoria L., 2784
 Wettasinghe, Asoka., 3633
 Wetschereck, Dietrich., 823
 Wevers, Mary Jo., 1637
 Wheeler-Usher, Donna., 3333
 Whipple, Margaret Jo., 3661
 Whitaker, Carol Anne., 1929
 Whitaker, John H., 2324
 Whitaker, Todd B., 718
 White, David Dean., 2310
 White, Diane E., 2191
 White, Edward D., III., 569
 White, Michael William., 3072
 White, Randy Dee., 215
 White, Stephen James., 2697
 Whitesides, Steven K., 476
 Whiting, Elizabeth Cameron., 2128
 Whiting, Mark Carlos., 445
 Whittaker, Douglas P., 1980
 Whitwer, Fredrick D., 1318
 Whitworth, Jonathan L., 973
 Whyte, Catherine K., 1170
 Wickramaratne, Siri Nimal., 2267
 Widjaja, Stephen., 1389
 Widmann, Andrea A., 210
 Widner, Gregory L., 1955
 Wiederhold, Kathi M., 3541
 Wieneche, David L., 2545
 Wiens, Brenda L., 3750
 Wiens, Gregory D., 3114
 Wiese, Arthur Michael., 29
 Wiese, Christoph., 2717
 Wiggum, Candice Diehl., 880
 Wightman, JoLynne D., 1834
 Wijaranakula, Witawat., 2967
 Wijesekera, Hemantha., 276
 Wilcox, Marcus H., 2935
 Wildensee, Frank., 3558
 Wildman, Valerie Jean., 3601
 Wiles, Lori Jeannine., 2525
 Wilks, Daniel S., 299
 Williams, Barbara., 2480
 Williams, Christine Elizabeth., 2485
 Williams, David Edward., 323
 Williams, John Dana., 3475
 Williamson, John D. (John David), 464
 Willson, Mary., 765
 Wilson, Barbara G., 2626
 Wilson, Charles Ralph., 673
 Wilson, Christopher D., 1692
 Wilson, James R. (James Rolland), 92
 Wilson, Kenneth P., 2011, 2065
 Wilson, Marcia H., 1718
 Wilson, Matthew T., 1708
 Wilson, Roy R., 2295
 Wilson, Stephanie Lynn., 3193
 Wilson, Vicki L., 3171
 Wilson, William D. (William Donald), 2516
 Wilzbach, Peggy, 1666
 Winter, John R., 100
 Winter, Kirt Alan., 816
 Winzeler, Elizabeth A., 316
 Wirosoebroto-Hartadi, Retno
 Widaningroem., 1698
 Wiseman, Jennifer Jo., 1835
 Wisner, Cathy., 1819
 Wisseman, Robert William., 1520
 Wisseman, Kimberly Warner., 1844
 Witcosky, Jeffrey John., 1561
 Witte, Sandra Sue., 3178
 Wittig, Hans P. P., 433
 Wityak, John., 632
 Wolfe, Jerri L., 1625
 Wolff, Scott., 2112
 Womack, Kevin C., 752
 Wones, Andrew G., 2239
 Wong, Bernard Bong-lap., 2458
 Wong, Geoffrey K., 1803
 Wong, George Kaon., 3371
 Wong, Scott W., 3028
 Wong, Sue Sun., 3632
 Woo, Nam-tae., 555
 Wood, Carolyn Jean., 1081
 Wood, Nadine M. Schneider., 2465
 Woodbridge, Brian., 3722
 Woodruff, William C., 1936
 Woods, Elizabeth A., 2747
 Woods, Helen E., 3516
 Woods, Wendy W., 458
 Worley, Susan E., 1899
 Wright, Bernadette P., 1261
 Wright, Carolyn E., 429
 Wright, Cheryl., 2653
 Wright, Janith S., 768
 Wright, Norman D., 133
 Wright, Rhonda R., 2028
 Wright, Scott D., 2660
 Wright-Fromherz, Robin Elizabeth., 1145
 Wrzesinski, Wendell R., 2925
 Wu, Laosheng., 3551
 Wu, Yea-ching., 166, 3447
 Wu, Youfeng., 842
 Wuerch, Stephen Edward., 564
 Wurst, Philip L., 683
 Xiao, Dong., 3377
 Xiao, Guang., 649
 Xiao, Jing-jian., 1630
 Xiong, Youling., 1780
 Xu, Fu-yun., 359
 Xu, Li., 3052
 Xu, Mingcheng., 1469
 Xu, Xiaofeng., 1435
 Xu, Yan., 1411
 Xu, Yue-shu., 3419
 Yadav, Anil Kumar., 1390
 Yager, Thomas D., 334
 Yamada, Masahiko., 3049
 Yamaguchi, Shinobu Yume., 2769
 Yamin, Sulaiman Bin., 3515
 Yan, Kai-tuan Kelvin., 1436
 Yandell, Kurt Lowry., 1502
 Yang, Fanling Hsu., 1446
 Yang, Howard C., 1319, 1474
 Yang, Jianguo., 1829
 Yang, John Jian., 1335
 Yang, Mei-fang., 3167
 Yang, Ming., 662
 Yang, Minghui., 3617
 Yang, Xueshan., 1475
 Yao, Cheng C., 307
 Yao, Tsui-li., 919
 Yap, Kathryn H. M., 3058
 Yappert, Marta Cecilia., 600
 Yarimbeyik, Bulent., 1360
 Yassen, Abdulameir Ali., 2508
 Yasuda, Dean D., 515
 Yatani, Choichiro., 2748
 Yates, Kenneth R., 3773
 Yates, Stephen V., 1082
 Yau, Niann-jou N. (Niann-jou Newton), 1804, 1871
 Yau, Peng Yam., 2526
 Yazdani-Buicki, Kiyandokht., 1306

Yeh, Chun-tien., 3013
 Yeh, Jan-ying., 205
 Yeh, Lee-chuan C., 1911
 Yeh, Rong-chuen., 746
 Yeh, Shih-ya., 1897
 Yen, Julian Yu-liang., 3150
 Yesilyurt, Ayse Gul., 1391
 Yildirim, Yuksel., 2929
 Yindeepol, Wipawan., 1412
 Ying, Ouyang., 3549
 Ying, Tzung-hung., 250
 Yocom, Dorothy Jean., 1284
 Yoder, Barbara J., 390, 2221
 Yogodzinski, Gene M., 2342
 Yoo, Chul-hee., 714
 Yoo, Hyungmo., 1487
 Yoo, Kyung Sook., 1606
 Yoo, Lee-joung., 1781
 Yoo, Tae-On., 1361
 Yoo, Young Sook., 345
 Yoon, Soon-chang., 291
 Yoon, Woon-young., 503, 539
 Yoshimoto, Atsushi., 1981
 Yoshimoto, Atsushi., 2090
 Youkey, Donald E., 3717
 Young, Allen Jack., 228
 Young, Brian K., 2270
 Young, David Y.W., 1437
 Young, James Patrick., 369
 Young, Margaret Shelley., 1108
 Young, Raymond A., 684
 Young, Richard Paul., 3494
 Young, San Land., 1794
 Young, William C., 1013
 Youngberg, Jill Annette Meyer., 3662
 Youngs, Lorna C., 1555
 Yousef, Samir., 3453
 Youssef Hakimi, Ali A., 3426
 Youssefnia, Mohammad Hossein., 3151
 Yu, Chi-ming., 1320
 Yu, Choung., 1336
 Yu, Hua., 1362
 Yu, Lei., 3264
 Yu, Qing., 3172
 Yu, Xianhong., 1587
 Yu, Yupei., 3334
 Yuh, Junku., 2968
 Zachow, Kathleen M., 859
 Zahl, Eric L., 1392
 Zahm, Lance Leon., 3142
 Zahora, Andrew Roy., 391, 2066
 Zaldivar, Mercedes., 3032
 Zamora, Osvaldo Sanchez., 2450
 Zangar, Richard Carl., 3647
 Zavala, David Zavala., 2060
 Zeb, Aurang., 1956
 Zehfus, Micheal H., 328
 Zele, Rajesh H., 1413
 Zelinski, Mary Beth., 225
 Zencirci, Nusret., 974
 Zeng, Yimin., 2048
 Zengerle, Petra Anna., 2633
 Zernel, John Joseph., 2250
 Zhai, Dalun., 1438
 Zhang, Ge., 3337
 Zhang, Licheng., 1393
 Zhang, Lingxiao., 2565
 Zhang, Ning., 2426
 Zhang, Peifang., 1907
 Zhang, Qi. (Qi Qun)., 2546, 2623
 Zhang, Quan., 1756
 Zhang, Wan-jia., 663
 Zhao, Yuqi., 2262
 Zhao, Zhizhuang., 360
 Zhen, Liping., 2547
 Zheng, Yuepeng., 1321
 Zhong, Cheng., 3449
 Zhong, He., 1521
 Zhong, Lingxiu., 370
 Zhou, Guangwen., 371
 Zhou, Haiping., 753
 Zhou, Weidong., 2038
 Zhou, Yaqin., 1363
 Zhu, Feihong., 1322, 1494
 Zhu, Gaoyong., 2680
 Zimmerman, Anne H., 2847
 Zimmerman, Michael E., 685
 Zirkle, Dave F., 3774
 Zobrist, Daniel H., 24
 Zoeller, Robert T., 3758
 Zondagh, Irene Beryl., 1916
 Zontek, Terry., 2749
 Zumrawi, Abdel Azim M. A., 1973, 2089
 Zylkowski, Steven C., 2012