

1982

Research & scholarly achievements, July 1, 1981 - June 30, 1982

University of Central Florida

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— Publications —

Research & Scholarly Achievements



July 1, 1981 — June 30, 1982

University of Central Florida



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PREFACE

1. Introduction

This publication is intended as an annual summary of scholarly activities at the University of Central Florida for the period from July 1, 1981 to June 30, 1982. It is the first such summary and, it is hoped, this report highlights the contributions to scholarship by the Faculty during this period.

It is clear that this listing cannot be complete in the sense of providing a comprehensive compilation. Research endeavors do not begin, nor do they end, on a specific date. Much of the work reported here was begun before July 1, 1981. Much of the work done during this year will be formally reported after June 30, 1982.

Classroom teaching is often a scholarly activity. Yet, we know of no totally satisfactory way of evaluating its scholarly content. Additionally, a variety of other Faculty activities, many of which have a scholarly aspect, have been designated as service activities and thus have been excluded. A rule of thumb for inclusion is that the written, or oral publication, was prepared for an audience of professional peers on a subject in one's area of professional expertise.

At first glance, performances--whether they be an artist's exhibit, a musician's performance or a dramatic work enacted on a stage--do not fulfill this criterion of peer review since the bulk of one's audience is the general public. However, it is the viewpoint of the Committee on Publications that in order to be invited for such a performance, one has to have been evaluated and judged by one's peers before exposure to a general audience. It is for these same reasons that any such performance taking place on the UCF campus has been excluded.

Finally, in the area of Grants and Contracts it is self-evident--especially to those who have applied and not received funding--that there is a major component of peer-review involved here.

2. Organization

The concept of a university-wide annual summary was originally urged by President Colbourn. It was subsequently decided that the responsibility for this publication belonged to the Vice President for Research and Graduate Dean.

A representative committee of Faculty was appointed to assist in setting up guidelines for this publication. The Annual Research Reports prepared by each of the five academic Colleges along with grant and contract information from the Office of Sponsored Research served as primary reference sources.

The Publication Committee met with the Graduate Dean during the summer of 1982 and together they have set up the following guidelines for the classification of the scholarly activities to be included in this publication.

I. Publications

A. Books and Monographs

The Author's Committee reviews books for inclusion into the Quill. They are consulted regarding selections in this category.

B. Articles, Peer-Refereed

1. International or National Journals
2. Regional or State Journals

C. Other Scholarly Work

Work in this category need not necessarily have been subjected to peer review.

II. Creative Work

- A. Art
- B. Music
- C. Theatre
- D. Other

III. Presentations

A. Before an Audience of Peers at a Professional Meeting

1. International or National Meetings
2. Regional or State Meetings

B. Seminars Before an Audience of Peers

Invited by a University, College or Department. Invited by a group of professional peers.

IV. Grants and Contracts

- A. Externally Funded
- B. Internally Funded

V. Service

Includes: professional consulting, editing, journal reviews, holding office in a national association, chairing meeting sessions, workshops (for non-professional groups), professional association newsletters, copyrights, product development.

VI. Other

This category includes all items from the Annual Reports not included in items I-V.

1. General Instructions

In the organization of this first report, certain guidelines have been agreed upon. No single event receives multiple mention. Thus, for example, a given Faculty member may make an oral presentation at a National Meeting and later write out this presentation, have it refereed and included in a journal. However, within this publication, this is reported only one time--namely, as an oral presentation in category IIIA since this was the primary intent. Again, as another example, consider a given publication with multiple UCF authorship. It is reported only one time with all UCF authors having their names written out entirely in capitals.

The document is arranged as indicated in the outline. Under a given category, for example I.B.1--"Peer Refereed Articles in an International (or National) Journal"--the articles are collected, alphabetically, by College. If reasonable, they are further subdivided under the College heading in terms of the Department involved.

A standardized format for the reporting of the various activities in categories A-C has been used. It is presumed that this format will be followed by the various Colleges for these same categories in future years when they are in the process of preparing their individual Annual Reports. This will make future editions of this University-wide Report simpler to compile.

Briefly, the formats are as follows:

Books and Monographs

Authors (Last Name, Initials [if UCF Faculty, entire name should be in caps]), Book Title (underlined), (Location: Publisher Name), Year when Actually Published, Total Number of Pages.

Example

Martin, J., Petty W. and KLOCK, D. Personal Financial Management (New York: McGraw-Hill Book Company) 1982, 427 pages.

Article in a Professional Journal

Authors (Last Name, Initials [if UCF Faculty, entire name should be in caps]), Title of Article (in Quotation Marks), Journal Name (underlined, no abbreviations or acronymns should be used), Volume (underlined), Number (in parentheses), Actual Page Numbers in Journal, Year Published (in parentheses).

NOTE: If there is no volume and/or number, then these should be omitted. If month or quarter of issue is given, cite it with the year (in parentheses).

Example

GUY, C. L., Yelenoski, G. and SWEET, H. C. "Distribution of ^{14}C Photo-synthetic Assimilates in 'Valencia' Orange Seedlings at 10° and 25°C," Journal American Society Horticulture Science, 106 (4), 433-437, (1981).

Presentation at a Professional Meeting

Authors (Last Name, Initials [if UCF Faculty, entire name should be in caps]), Title of Talk, professional meeting at which the talk was presented, City and State (use two-letter abbreviations for state), Month and Year of Meeting.

Example

METWALLI, S. M. "Improving Productivity by Modeling and Computer Tuning,"
Fourth National and First International Conference for Computers and
Industrial Engineering, Orlando, FL, March 1982.

Respectfully submitted,

L. M. Trefonas
Vice President for Research and
Dean of Graduate Studies

Publications Committee

Dr. D. T. Kuhn
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Dr. C. S. Bauer
Dr. R. R. Lange
Dr. C. Wellman

BOOKS AND MONOGRAPHS

COLLEGE OF ARTS AND SCIENCES

COMPUTER SCIENCE

MOSHEL, J. M., HUGHES, C. E. et al. Computer Power: A First Course in Using the Computer, (New York: McGraw-Hill), 1982, Teachers' Text, 340 pages, Students' Text, 193 pages.

HISTORY

EVANS, J. L. Russia and the Khanates of Central Asia to 1865, (Gaithersburg: Associated Faculty Press), 1981, 141 pages.

EVANS, J. L. Ignatiev and His Embassy to Bukhara and Khiva in 1858, (Bryn Mawr College), 1981, 118 pages.

FERNANDEZ, J. B. (with Nasario Garcia), Nuevos Horizontes, (Boston: D. C. Heath and Co.), 1981, 168 pages.

FETSCHER, E. B. Die Konstanzer Seebblätter und die Pressezensur des Vormärz, (Sigmaringen: Jan Thorbecke Verlag), 1981, 96 pages.

PAULEY, B. F. Hitler and the Forgotten Nazis: A History of Austrian National Socialism, (Chapel Hill, NC: Univ. of North Carolina Press), 1981, 292 pages.

SHOFNER, J. H. History of Apopka and Northwest Orange County Florida, (Tallahassee: Sentry Press), 1982, 357 pages.

MATHEMATICS and STATISTICS

ANDREWS, L. C. Ordinary Differential Equations with Applications, (Glenview, IL: Scott, Foresman and Company), 1982, 338 pages.

PUBLIC SERVICE ADMINISTRATION

CARTER, P. W. Wills, Trusts and Estates for Florida Legal Assistants, (Clearwater, FL: D and S Publishers, Inc.), 1981, 41 pages.

SOCIOLOGY

TROPF, W. D. (Ed) Selected Readings in Human Development, (Lexington, MA: Ginn Custom Publishing), 1981, 202 pages.

COLLEGE OF BUSINESS ADMINISTRATION

Guiltinan, J. and PAUL, G. Marketing Management: Strategies and Programs, (New York: McGraw-Hill), 1982, 412 pages.

Martin, J., Petty, W. and KLOCK, D. Personal Financial Management, (New York: McGraw-Hill Book Company), 1982, 427 pages.

MARTIN, R. Production and Operations Management, (Lexington, MA: Ginn Custom Publishing), 1982, 300 pages.

MOSES, E. Cases in Investments, (St. Paul, MN: West Publishing Co.), 1982, 259 pages.

COLLEGE OF EDUCATION

BARR-JOHNSON, V., HERNANDEZ, D., KYSILKA, M. and WOOD, A. Analysis of Educational Foundations, (Minneapolis, MN: Burgess Publishing Co.), 1981, 200 pages.

ARTICLES

National or International Professional Journals Peer-Refereed

COLLEGE OF ARTS AND SCIENCES

BIOLOGICAL SCIENCES

- Ahearn, J. N. and KUHN, D. T. "Aldehyde Oxidase Distribution in Picture-Winged Hawaiian Drosophila: Evolutionary Trends," Evolution 35, 635-646, (1981).
- Guy, C. L., Yelenoski, G. and SWEET, H. C. "Distribution of ¹⁴C Photo-synthetic Assimilates in 'Valencia' Orange Seedlings at 10° and 25°C," Journal American Society Horticulture Science, 106(4), 433-437, (1981).
- KOEVENIG, J. L. "Carboxymethyl Cellulase Activity in the Myxomycete Physarum polycephalum," Mycologia, 73(6), 1085-1091, (1981).
- KUHN, D. T., Woods, D. F. and Andrew, D. J. "Linkage Analysis of the Tumorous-Head (tuh-3) Gene in Drosophila melanogaster," Genetics, 99, 99-107, (1981).
- Mendonca, M. T. and EHRHART, L. M. "Activity, Population Size and Structure and Immature Chelonia mydas and Caretta caretta in Mosquito Lagoon, Florida," Copeia, 1, 161-167, (1982).
- MILLER, H. A. "Notulae Hepaticarum Polynesiae," Phytologia, 47, 319-329, (1981).
- OSBORNE, J. A. and Sassic, N. M. "The Size of Grass Carp as a Factor in Hydrilla Control," Journal Aquatic Botany, 11, 129-136, (1981).
- SNELSON, F. F., JR. and Williams, S. E. "Notes on the Occurrence, Distribution and Biology of Elasmobranch Fishes in the Indian River Lagoon System, Florida," Estuaries, 4(2), 110-120, (1981).
- SNELSON, F. F., JR. "Indeterminate Growth in Males of the Sailfin Molly, Poecilia latipinna," Copeia, 2, 296-304, (1982).
- Stoneburner, D. L. and EHRHART, L. M. "Observations on Caretta c. caretta: A Record Interesting Migration in the Atlantic," Herp. Review, 12(2), 66, (1981).
- STOUT, I. J. and Demmer, R. J. "Cotton Rat Invasion of Sand Pine Scrub Habitat," Journal of Mammology, 63(2), 236-242, (1982).
- SWEENEY, M. J., Kay, C., Klotz, L. R. and Klotz, S. D. "An IgE Inhibition Assay for the Detection of Allergen Specific IgE," Annals of Allergy, 46(6), (1981).

CHEMISTRY

- CUNNINGHAM, G. N. and KUHN, D. T. "Tissue Distribution of Isocitrate Dehydrogenase in Drosophila melanogaster," Insect Biochemistry, 11, 277-285, (1981).

- GUPTON, J., Andrew, S. and Colon, C. "Reaction of Unsymmetrical Enolate Anions with Gold's Reagent," Synthetic Communications, 12, 35, (1982).
- GUPTON, J., Andrew, S. and Lizzi, M. "The Reaction of 2-Arylvinamidinium Perchlorates with Sodium Borohydride and Sodium Cyanoborohydride," Synthetic Communications, 12, 361, (1982).
- GUPTON, J. and Polaski, C. "Reaction of (3-(Dimethylamino)2-phenyl-prop-2-en-1-ylidene] Dimethylammonium Perchlorate with Grignard and Lithium Reagents," Synthetic Communications, 11, 561, (1981).
- GUPTON, J. and Polk, D. "Reaction of (3-(Dimethylamino)-2-aza-prop-2-en-1-ylidene] Dimethylammonium Chloride with Grignard Reagents," Synthetic Communications, 11, 571, (1981).
- MADSEN, B. C. and Murphy, R. J. "Flow Injection and Photometric Determination of Sulfate in Rainwater with Methylthymol Blue," Analytical Chemistry, 53, 1924, (1981).
- TREFONAS, L. M., Baker, R. J. and Majeste, R. J. "Crystal and Molecular Structure of an Active Carbinolamide: 4-Hydro-4-dimethoxymethyl-6-isopropyl-2-oxo-2,3-dihydro[6H]-1,3-oxazine," The Journal of Heterocyclic Chemistry, 18, 1541-1544, (1981).
- TREFONAS, L. M., Baker, R. J., Sauter, E., Fahmi, A. A., Griffin, G. W. "The Structure of an Isomer of 2,3,5-Trichloro-1,4-Dioxane," Crystal Structure Communications, 10, 843-848, (1981).
- TREFONAS, L. M., Chen, S. P., Baker, R. J. and Majeste, R. J. "6-Isopropylidene-2-oxo-2,3-Dihydro-(6H)-1,3-Oxazine-4-Carbaldehyde," Crystal Structure Communications, 10, 459-463, (1981).
- TREFONAS, L. M., Klein, C. L., O'Connor, C. J. and Majeste, R. J. "Di-a-Chloro-Bis[Chloro(Pyrazine-2-Carboxylato) Copper (II)]," Crystal Structure Communications, 10, 891-894, (1981).
- TREFONAS, L. M., O'Connor, C. J., Klein, C. L., Majeste, R. J. "Magnetic Properties and Crystal Structure of (2,3-Pyrazinedicarboxylato) Copper(II) Hydrochloride: A Pyrazine-Bridged Ferromagnetic Linear Chain," Inorganic Chemistry, 21, 64-67, (1982).

COMMUNICATION

- FEDLER, F. "'100 Jobs' Dominate News During Florida Election," Journalism Quarterly, 58, 302-305, (1981).
- SMITH, R. "Employment Screening Procedures: Tests and Tryouts," Newspaper Research Journal, 3(2), 27-32, (1982).

COMPUTER SCIENCE

- BRIGHAM, R. C. and DUTTON, R. D. "Generalized K-Tuple Colorings of a Graph," Journal of Combinatorial Theory, Series B, 90-94, (1982).

DUTTON, R. D. and BRIGHAM, R. C. "The Complexity of a Multiprocessor Task Assignment Problem Without Deadlines," Theoretical Computer Science, 17, 213-216, (1982).

DUTTON, R. D., BRIGHAM, R. C. and DRISCOLL, J. R. "Complexity of a Proposed Database Storage Structure," Information Systems, 6, 47-52, (1981).

HUGHES, C. E. and Selkow, S. M. "The Finite Power Property for Context-Free Languages," Journal of Theoretical Computer Science, 15, 111-114, (1981).

ENGLISH

DONNELLY, J. J. "Fathers and Sons: The Normative Basis of Dryden's Absalom and Achitophel," Papers on Language and Literature, 17, 363-380, (1981).

HISTORY

FERNANDEZ, J. B. "Entrevista con Jose Luis Gonzalez," Revista Chicano Requena, 47-57, (1981).

FERNANDEZ, J. B. "Los Primos: Retrato all Cubano en Estados Unidos," Chiricu, 69-77, (1981).

HUMANITIES, PHILOSOPHY AND RELIGION

LIVINGSTON, J. W. "Qustā ibn Lūgā's Psycho-Physiological Treatise On the Difference between the Soul and the Spirit," Scripta Mediterranea, II, 53-77, (1981).

RISER, J. S. "Marxism and Free Will," Revolutionary World, 43/45, 171-78, (1981).

MATHEMATICS and STATISTICS

ANDREWS, L. C. and PHILLIPS, R. L. "Measured Statistics of Laser-light Scattering in Atmospheric Turbulence," Journal of the Optical Society of America, 71(12), 1440-1445, (1982).

PHYSICS

OELFKE, W. C., Hamilton, W. O., Pipes, P. B., Kleve, S., Bernat, T. P., Blair, D. G., Darling, D. H., Dewitt, D., Asham, M. S. M., Taber, R., Boughn, S. P., Fairbank, W. M. and Montgomery, W. P. "Design and Performance of Cryogenic Enclosures for Long Duration Testing of Large Samples," Cryogenics, 22(3), 107-112, (1982).

POLITICAL SCIENCE

HANDBERG, R., MADDOX, W. S. and Robbins, R. "Nonwhite, Nonpartisan and Nonresponse: Response Patterns Among Young Americans," Free Inquiry 9, 156-158, (1981).

HANDBERG, R. and Pilchick, S. "Police Handling of Mental Patients: Crisis Intervention Requirements and Police Behavior," Criminal Justice Review, 5, 66-73, (1981).

MORALES, W. Q. "In Search of National Identity: Cuban and Puerto Rican Migration," REVISTA/Review Interamericana, X(4), 567-574, (1980-1981).

PSYCHOLOGY

BURR, D. E. S., Thomas, D. R. and Vogt, M. B. "Proactive Interference in the Retention of 'Attentional Sets' in Pigeons," Journal of Animal Learning and Behavior, 10(1), 15-21, (1982).

GUEST, S. S., McGuire, J. M. and Donegan, L. M. "Tolerance for Ambiguity and Emphatic Listening Skills as Predictors of Conscientiousness in Crisis Intervention Volunteers," Crisis Intervention, II(2), 41-53, (1982).

THOMAS, M. H. "Physiological Arousal, Exposure to a Relatively Lengthy Aggressive Film and Aggressive Behavior," Journal of Research in Personality, 16, 72-81, (1982).

PUBLIC SERVICE ADMINISTRATION

PYLE, R. C. "Humanistic Parallels Between Law and Anthropology," Anthropology and Humanism Quarterly, 6(4), 19-21, (1981).

COLLEGE OF BUSINESS ADMINISTRATION

BOONE, L. and Johnson, J. "Trademark Protection: What's in a Name?" Business, 12-17, (1982).

BOONE, L. and Kurtz, D. "A Profile of Business Leadership," Business Horizons, 28-32, (1981).

DAVIS, D. and Cosenza, B. "The Estimation of Single Copy Newspaper Sales: A Tertiary Market Demand Model," Interfaces, 12(1), 38-43, (1982).

DAVIS, D. and Cosenza, B. "Family Vacation Decision Making Over the Family Life Cycle," Journal of Travel Research, XX(2), 17-23, (1981).

FRITZ, R. "Effects of Tourism and Vacation Home Development on Residential Tax Burden," American Journal of Economics and Sociology, 41(1), 72-80, (1981).

FRITZ, R. and Kovecny, M. "A Functional Planning and Policymaking Tool: Tourism Impact Model," Journal of Urban Planning and Development, 107(UP #1), 19-32, (1981).

- FRITZ, R. and XANDER, J. "The Role of Financial Collapse in the Post-Bellum South," International Journal of the History of Banking, 1-28, (1981).
- HOSNI, D. "International Labor Migration into the U.A.: An Exploratory Study," Proceedings of Modeling and Simulation Conference, 1091-1095, (1982).
- JOYCE, M. and Krentler, K. A. "Nonprofit Marketing as a College Course: Potential Problems but Probable Opportunities," Journal of Marketing Education, 3(2), 2-6, (1981).
- McNIEL, D. "Economic Welfare and Food Safety Regulation: The Case of Mechanically Deboned Meat: Reply," American Journal of Agricultural Economics, 742-745, (1981).
- RUBIN, R. and SCHOU, C. "Protect Your Small Business From Impending Disaster," Microcomputing, 6(10), 45-56, (1982).
- Sullivan, G. and JOYCE, M. "The Impact of Preventive Health Education Program on Beliefs, Attitudes and Behavior Intentions: An Experimental Investigation of a BSE Program," Journal of Health Care Marketing, 1(3), 32-43, (1981).
- WHITE, K. and PHILLIPS, T. "Minimizing Inventory Cost," Interfaces, 11(4), 42-47, (1981).

COLLEGE OF EDUCATION

- ANDERSON, B. "Three Factors to Improve Inservice Education," Organization of Teacher Education in Reading Journal, 8, 23-28, (1981).
- BOLLET, R. and CORNELL, R. "We're All in a Helping Profession," Instructional Innovator, 26 (9), 21-24, (1981).
- ESLER, W. "Brain Physiology: Research and Theory," Science and Children, 15 (7), 44-45, (1982).
- ESLER, W., MANNING, P. and BIRD, R. T. "How Much Science Are They Really Teaching in the Elementary Schools?" Science and Children, 19 (7), 40-41, (1982).
- HERNANDEZ, D. "Ethnometric Evaluation for Public Personnel Employment," Bulletin of Applied Research; 1, 3, (1982).
- MEALOR, D. and OLSON, J. "LD Identification: Do Researchers Have the Answer?" Learning Disability Quarterly, 4(4), 389-393, (1981).
- OLSON, J. and Matuskey, P. "Causes of Burnout in LD Teachers," Journal of Learning Disabilities, 15(2), 97-100, (1982).

COLLEGE OF ENGINEERING

- COOPER, C. D. and Alley, F. C. "Kinetic Analysis of a Non-Isothermal Reactor," American Institute of Chemical Engineers Journal, 27(6), 1039-1041, (1981).
- COOPER, C. D., Alley, F. C. and Overcamp, T. J. "Hydrocarbon Vapor Incineration Kinetics," Environmental Progress, 1(2), 129-133 (1982).
- HALEY, S. B. "Efficient Algorithms for Solving Modified Matrix Equations of Linear Systems," Proceedings of Institute of Electrical and Electronic Engineering, 406-407, (1982).
- HALEY, S. B. "Clarification of Large-Change Response Formulas for Digital Networks," Proceedings of Institute of Electrical and Electronic Engineering, 407-408, (1982).
- HALEY, S. B. "Response Functions of the Diffusion Model of One-Dimensional Disordered Systems," Physics Review, B25, 5824-5827, (1982).
- HARTMAN, J. P. "Inventories, Surveys and Historic Preservation," Issues in Engineering - Journal of Professional Activities, American Society of Civil Engineers, 107(E13), 155-160, (1981).
- HARTMAN, J. P. "Curriculum Workshop on Technology for the Liberal Arts Major," Technology and Culture, 27(4), 760-762, (1981).
- HOSNI, Y. A. et al. "Learning Curve Using Microcomputers," Industrial Engineering, 13(5), 24-26, (1981).
- HOSNI, Y. A. et al. "Line of Balance Using Microcomputers," Industrial Engineering, 13(9), 22-24, (1981).
- HOSNI, Y. A. et al. "Time Standards on Microcomputers," Industrial Engineering, 13 (10), 18-21, (1981).
- KERSTEN, R. "Harvesting the Engineering School Crop Each Year is Not Enough," Professional Engineer, 52(1), 22-29, (1982).
- KLEE, H. "Gap Stability and Freeway Merging," Journal of Computers and Industrial Engineering, 5(2), 113-126, (1981)
- MALOCHA, D. C. and Goll, J. H. "An Application of SAW Convolver to High Bandwidth Spread Spectrum Communications," Joint Special Issue, Institute of Electrical and Electronic Engineers Transactions on Microwave Theory and Techniques, MTT-29(5), 473-483 (1981), Institute of Electrical and Electronic Engineers Transactions on Sonics and Ultrasonics, SU-28(3), 192-205, (1981).
- Manderson, M. C. and COOPER, C. D. "Sulfur Supply and Demand and its Relationship to New Energy Sources," American Chemical Society Symposium Series, 183(8), 109-125, (1982).

- METWALLI, S. M. and Mayne, R. W. "Random to Deterministic Transform," Journal of Sound and Vibration, 79(2), 197-204, (1981).
- PHILLIPS, R. L. and ANDREWS, L. C. "A Universal Model for Irradiance Fluctuations in a Turbulent Medium," Optical Society of America, 72(7), 864-870, (1982).
- PHILLIPS, R. L. and Trowbridge, F. R. "Metallic Glass Fiber Optic Phase Modulators," Optics Letter, 6(12), 636-638, (1981).
- WHITEHOUSE, G. E. and Burnkant, K. "Minisurvey Indicates What IEs are Doing; Would Like To Do With Microcomputers," Industrial Engineering, 13(10), 58-64, (1981).
- WHITEHOUSE, G. E. and Noller, D. "Multiple Regression," Industrial Engineering, 14(6), 26-34, (1982).
- WHITEHOUSE, G. E. and Turner, L. "Setup Time Sequencing For Multiple Product Lines," Industrial Engineering, 13(12), 22-25, (1981).
- WHITEHOUSE, G. E. and Washburn, D. "Decision Tree Analysis," Industrial Engineering, 13(6), 14-18 and 82, (1981).

COLLEGE OF HEALTH

- BOLLINGER, R. L. "The Role of the Speech-Language Pathologist in a Geriatric Facility," Hear, Here, Journal of the Canadian Speech and Hearing Association, 6(3), 85-87, (1982).
- BUCKMAN, G. R. "The Role of the Speech-Language Pathologist with the Stroke Patient," Journal of the American Heart Association, 9(8), 1-2, (1982).
- KUYPER, L. and DZIUBAN, C. "Some Relationships Among the Subtests of the Registration Examination," Journal of the American Medical Record Association, 53 (1), 65-67, (1982).
- MAYNARD, P. "Space-the Unknown Accessary," Radiologic Technology, 52(6), 597-604, (1981).
- MULLIN, T. A. and Thomas, S. E., "The Public Relations Specialist Role on the Hearing Health Team," Hearing Aid Journal 35(2), 16-17, (1982).
- Sinko, G. and HEDRICK, D., "The Interrelationships Between Ratings of Speech and Facial Acceptability in Persons with Cleft Palate," Journal of Speech and Hearing Research, 25(3), 402-407, (1982).

ARTICLES

Regional or State Professional Journals Peer-Refereed

COLLEGE OF ARTS AND SCIENCES

BIOLOGICAL SCIENCES

HISTORY

SHOFNER, J. H. "Postscript to the Martin Tabert Case: Peonage as Usual in the Florida Turpentine Camps," Florida Historical Quarterly, 161-173, (1981).

MUSIC

WHISLER, B. A. "Beethoven's Eighth Symphony: Expecting the Unexpected," Lewis Lockwood, editor, Aspects of the Beethoven Symphonies, (Cambridge, MA: Harvard University, Department of Music), (1981).

POLITICAL SCIENCE

HANDBERG, R. and MADDOX, W. S. "Science and Politics: Public Attitudes About Creationism," Florida Scientist, 44(198), 228-232, (1981).

HANDBERG, R. and UNKOVIC, C. "The Changing Politics of the South: Georgia County Sheriffs as a Political Institution," Southeastern Political Review, 6, 144-152, (1981).

STERN, M. "The Alpine Lakes Wilderness Conflict: A Study of Politics and Land Use," Southeastern Political Review, 179-200, (1982).

SOCIOLOGY

STEARMAN, A. M. "Colonization and the Tropical Ecosystem of Bolivia," Florida Scientist, 44(4), 94-100, (1981).

COLLEGE OF BUSINESS ADMINISTRATION

FRITZ, R. "A Regional Estimate of the Partial Impact of Inflation on Unemployment: Reply," The New England Journal of Business and Economics, 7(2), 55-56, (1981).

RAFFA, F. "CETA Title II: An Analysis of Participant Impact," Southwestern Journal of Economic Abstracts, 2(1), 9-18, (1981).

COLLEGE OF EDUCATION

ANDERSON, B. "Concerns of Florida Organization of Teacher Education in Reading," The Florida Reading Quarterly, 18, 9-10, 46, (1981).

ANDERSON, B. "Instructional Methods for Bilingual Students," The Florida Reading Quarterly, 17, 13-14, 20, (1981).

BIRD, R. "Using Microcomputers in Science Class," Florida Association of Science Teachers Journal, 6(3), (1982).

KYSILKA, M. "The Annehurst Curriculum Classification System: Research Findings and Implications for Educators," Ohio Media Spectrum, 31-35, (Fall/Winter 1981).

KYSILKA, M. "A Lesson in the Universality of Mathematics," Dimensions in Mathematics, 37-38, 56, (1982).

COLLEGE OF ENGINEERING

COOPER, C. D. "Planning for the Management of Hazardous Wastes," Florida Scientist, 44(3), 126-136, (1981).

COLLEGE OF HEALTH

HEDRICK, D., HARDMAN, C. and HOLBROOK, A. "Strategies in the Use of Communication Boards with the Severely Neurologically Impaired," Florida Language, Speech and Hearing Association Journal, 2(10), 27-33, 1981.

OTHER SCHOLARLY WORKS

COLLEGE OF ARTS AND SCIENCES

ART

GAUDNEK, W. "Little Labyrinths," paper, Dorsky Gallery, New York, New York, (1982).

BIOLOGICAL SCIENCES

MULLIGAN, T. J. and SNELSON, JR., F. F. "Summer-Season Populations of Epibenthic Marine Fishes in the Indian River Lagoon System, Florida," The Association of Southeastern Biologists Bulletin, 29(2), 73, (1982).

OSBORNE, J. A. "Macrophyton." In: Standard Methods for the Examination of Water and Waste Water, American Public Health Association, American Water Works Association, Water Pollution Control Federation, 983-995, (1981).

SNELSON, F. F., JR. "Temporal Pattern of Maturation in the Male Sailfin Molly, Poecilia latipinna (Pisces)," Association of Southeastern Biologists Bulletin, 28(2), 67, (1981).

STOUT, I. J. and Cornwell, G. W. "Nonhunting Mortality of Fledged North American Waterfowl," Waterfowl Ecology and Management: Selected Readings, (Ratti, J. F., L. D. Flake and W. A. Wentz, editors), The Wildlife Society, Inc., Washington, DC, 722 pages, 1981.

Woods, D. L. and KUHN, D. T. "New Mutants (bx9, iab-2) in Drosophila melanogaster," Drosophila Information Service, 56, 192, (1981).

CHEMISTRY

KUJAWA, F.B. and Mayo, A. L. "The Winter Park Sinkhole," Geophoto Publishing Co., 36 color slides plus 5 pgs. text, (1981).

COMMUNICATION

DAVIS, R. "Proper Paper Choice Perks Up Project, Publication," International Association of Business Communicators News (tabloid format), 4(1), (1981).

DAVIS, R. "The Act of Creation," Audio Visual Communications, 26-52, (1981).

DAVIS, R. "N.A.F.G.O.," Audio Visual Communications, 12, (1982).

DAVIS, R. "What It's Like to Take the FPRA Accreditation Exam," PROOF, 5-6, (1981).

DAVIS, R. "Orlando Chapter Develops Communication Workshop for State-Wide Use," PROOF, 6, (1981).

FEDLER, F. "Telling It the United Way," Columbia Journalism Review, 44-46, (1981).

- FEDLER, F. "Seeing Red Again," The Quill, 7, (July/August 1981).
- HOGLIN, J. G. "Video Cassette Instruction for the Under Budgeted School," Communication Education, 357-360, (October 1982).
- HOGLIN, J. G. "Double-System Sound Film Editing Techniques," film produced for classroom instruction: 16mm color, April 1982, (author, producer, director).
- HOGLIN, J. G. "How To Use Low-Cost Video for Instructional Supplementation," Educational Innovator, 39-43, (January 1982).
- MEESKE, M. "Preparing For A Broadcast Interview," Personnel Journal, 60(9), (1981).
- MEESKE, M. "New Technology and Broadcast Education," Feedback, XXX(4), (1982).
- MORGAN, T. "Potential Prosocial Effects of Television Advertising," Journal of Macromarketing, 11, (Fall 1981).
- SMITH, R. "Survey of Editors Finds: There Are Jobs In Journalism," The Collegiate Journalist, 19(1), 6-10, (1981).
- WYCOFF, E.R. "Communication Goes Unnoticed - Until It Fails," International Association of Business Communication News, 17, (April 1981).

COMPUTER SCIENCE

- Barley, K. and DRISCOLL, J. R. "A Survey of DBMSs for Microcomputers," Byte Magazine, 208-234, (November 1981).
- HUGHES, C. E., Forsythe, A. Organick, E. Aiken, R. Computer Science: Programming in BASIC, (New York: J. Wiley and Sons), 1976, Japanese translation, 1981.
- HUGHES, C. E., Pfleeger, C. and Rose, L. Advanced Programming Techniques: A Second Course in Programming Using FORTRAN, (New York: J. Wiley and Sons), 1978, Russian translation, 1981.
- WORKMAN, D. A. "GRASP: A Software Development System Using D-Charts," Software: Practices and Experience, 1981.

FOREIGN LANGUAGES

- TAYLOR, F. M. "even one word...", Modern Haiku, XII, (3), 40, (1981).
- TAYLOR, F. M. "through fog and pine...", Cicada, 54), 45, (1981).
- TAYLOR, F. M. "brightening...", Cicada, 5(4), 45, (1981).
- TAYLOR, F. M. "abandoned house...", Cicada, 5(4), 45, (1981).
- TAYLOR, F. M. "sunset...", Cicada, 5(4), 45, (1981).

MATHEMATICS and STATISTICS

PETTOFREZZO, A. J. and ARMSTRONG, L. H. Arithmetic: A Programmed Approach, (Glenview, IL: Scott, Foresman and Company), (1982), 60 pages.

PHYSICS

BOLEMON, J. S. "Mirages," radio show released to public stations nationally through the American Institute of Physics (1981).

BRENNAN, J. J. "LOGO in Physical Science for Elementary School Teachers," in A Microcomputer Directory compiled by Harvard Graduate School of Education, (1982).

BRENNAN, J. J. "Physics for School Teachers," Bulletin American Physics Society, 26(9), 1232, (1981).

BRENNAN, J. J. "A Surprisingly Effective Course for K-4 Grade Teachers," American Association of Physics Teachers Announcer, 11(4), 75, (1981).

POLITICAL SCIENCE

LILIE, S. A. and MADDOX, W. S. "An Alternate Analysis of Mass Belief Systems: Liberal, Conservative, Populist and Libertarian," Cato Institute Policy Analysis, (1981).

MORALES, W. Q. "Revolutions, Earthquakes and Latin America: The Networks Look at Allende's Chile and Somoza's Nicaragua," in Television Coverage of International Affairs, ed. William C. Adams, (Norwood, NJ: Ablex), 1982, Chapter 5, 79-113.

STERN, M. "Assessing the Impact of the 1965 Voting Rights Act: A Micro-Analysis of Four States," (L. W. Moreland, T. A. Baker and R. P. Steed, eds.), Contemporary Southern Political Attitudes and Behavior, (New York: Praeger), 1982.

PUBLIC SERVICE ADMINISTRATION

BECKER, D. C. "Emerging Criminal Justice System -- Implications for the Future," USA Today, 110(2440), 3, (1982).

GIBSON, F. K. (with Robert T. Golembiewski), eds. Public Administration, 4th ed., (Boston, MA: Houghton Mifflin Co.), 1982, approx. 500 pages.

HOLTEN, N. G. (with Melvin E. Jones). The System of Criminal Justice, 2d ed., (Boston, MA: Little Brown and Co.), 1982, 512 pages.

PYLE, R. C. "Aymara Kinship, Real and Spiritual," in Martha Hardman, ed., Aymara, (Gainesville, FL: University of Florida Social Sciences Monograph no. 67), 1981.

PYLE, R. C. "Bolivian Spanish Phonology in Aymara -- Spanish Bilinguals," Aymara, (Gainesville, FL: University of Florida Social Sciences Monograph No. 67), 1981.

PYLE, R. C. "The Ethnographic Approach to Studies of Organizational Behavior," Bulletin of Applied Research, (1981).

SOCIOLOGY

ABEL, E. M. "Macro Roles and Interventions in Social Work Practice," 176 pages, (1981).

ABEL, E. M. "Social Work with Minorities," 155 pages, (1982).

ABEL, E. M. and KAZMERSKI, K. J. "Fighting the Undertow of Sexism at Home and on the Job," A Resource Booklet, 85 pages, (1981).

BROWN, W. R. and ALLEN, W. D. "Expanding the Market Place: What Do Non-Academic Employers Want?" The Southern Sociologist, 2, (1982).

COOK, I. J. and UNKOVIC, C. M. "A Critical Analysis of Programs for the Woman Alcoholic in the United States," Journal on Alcoholism and Related Addictions, XVI, 3-8, (1981).

COOK, I. J. and WASHINGTON, J. T. "An Assessment of Problems, Issues and Needs of Black and Low Income Citizens, Orlando, FL," 51 pages, (1981).

GREEN, C. E. "Interpersonal Skills in Social Work Practice: A Manual of Resources and Exercises," 101 pages, (1982).

GREEN, C. E. "Field Education Manual," 120 pages, (1982).

GREEN, C. E. "Social Work Program Student Handbook," 60 pages, (1982).

GREEN, C. E. "Field Education Training Manual," 90 pages, (1982).

KAZMERSKI, K. J. Assessing Human Systems: A Resource Book, 1982, 202 pages.

KAZMERSKI, K. J. Evaluation of Social Work Practices and Programs, 1981, 251 pages.

COLLEGE OF BUSINESS ADMINISTRATION

BOGUMIL, W. "The Atlanta Sanitation Strike Case Study," reprinted in White and Vroman, Organizations in Action, second edition (Boston, MA: Allyn and Bacon), 1982.

BOONE, L. in book: James C. Johnson and Donald F. Wood, Contemporary Physical Distribution and Logistics (Tulsa: Penn Well Books), 1982.

- BOONE, L. in book: George Benson and William Sachs, Product Planning and Management (Tulsa: Penn Well Books), 1982.
- BOONE, L. (Case Insert). "Tulsa Philharmonic" case in Philip Kotler, O.C. Ferrell and Charles Lamb, Cases and Readings for Marketing in Nonprofit Organizations. (Englewood Cliffs, N.J.: Prentice-Hall), 353-363, 1982.
- BOONE, L., Beckman, D. and Kurtz, D. Foundations of Marketing: Second Canadian Edition (Toronto: Holt, Rinehart and Winston of Canada), 1982, 639 pages
- BOONE, L., Beckman, D. and Kurtz, D. Le Marketing: Realite Canadienne (Montreal: Holt, Rinehart and Winston Ltd.), 1982, 600 pages.
- BOONE, L. and Kurtz, D. "What Authors Need to Know about Publishing," Published in Stephen H. Achtenhagen (ed.), Proceedings of the Western Marketing Association, 1982, 19 pages.
- BOONE, L. and Kurtz, D. Foundations of Marketing: First Australian Edition (Artarmon, New South Wales: Hold-Saunders Pty.), 1982.
- BOONE, L. and Kurtz, D. "So You Decided to Write a Book," in Vinay Kothari, ed. Developments in Marketing Science, Academy of Marketing Science, (1982).
- BOONE, L. and Kurtz, D. Contemporary Business, third edition (Hinsdale, IL: The Dryden Press), 1982, 641 pages.
- BOONE, L., Kurtz, D. and Collins, M., (Case Insert). "Colorange Ltd," case in Douglas J. Dalrymple's Sales Management: Concepts and Cases, (New York: J. Wiley and Sons), 62-68, 1982.
- DAVIS, D. and Cosenza, B. "Identifying Search Prone Segments in the Service Sector: A Test of a Taxonomic Approach," Proceedings, Academy of Marketing Science, 301-305, (1982).
- FULLER, D. "Materials Recycling is a Marketing Problem," Proceedings: Academy of Marketing Science, 397-401, (1982).
- FULLER, D. "Taking the Mystery Out of Marketing," Momentum: The Journal of the National Catholic Education Association, XIII(1), 31-33, (1982).
- GILLET, P., Scott, R. and DAVIS, D. "Shopping and Leisure Activity Patterns Within the Elderly Consumer Segment: The 'Young-Old' and 'Old-Old,'" Proceedings of the Academy of Marketing Science, 552, (1982).
- Guiltinan, J. and PAUL, G. Readings in Marketing Strategies and Programs, (New York, NY: McGraw-Hill), 1982.
- JOYCE, M. "What a Difference Three Letters Make: Surviving an A.B.D. Status," Marketing Educator, 2, (1982).

- JOYCE, M. and DAVIS, D. "Some Retailers Snooze, While Others Use New Technologies to Gain Marketing Edge," Marketing News, XV(11), 8 continued on 17, (1981).
- JOYCE, M. and Krentler, K. "A Close Look at the Options in the Health Care Industry: The Marketing Audit," Academy of Marketing Science Proceedings, 166-171, (1982).
- KLOCK, D. Dental Consultants Manual (Gainesville, FL: American Pre-Paid Professional Services, Inc.), 1981, 120 pages.
- Luck, D., Wales, H., Taylor, D. and RUBIN, R. Marketing Research, 6th ed., (Englewood Cliffs, NJ: Prentice-Hall, Inc.), 1982, 521 pages.
- MCCARTNEY, W. "Cumberland Crafts," Case study published in: Harvey, D.F. Business Policy and Strategic Management, Merrill Publishing Co., 367-379, (1982).
- MCCARTNEY, W. "The Warren Federal Savings and Loan Association Case," Case Study published in:
Steiner, Miner and Gray, Management Policy and Strategy,
McMillian Publishing Co., 1982.
Yeager and Seitz, Financial Institutions Management, Reston Publishing Co., 1982.
- SALTER, J. "Capitalization of Interest: A Simplified Guide to SFAS 34," The National Public Accountant, 26-31, (September 1981).
- SAVAGE, L. "Professionalism of Internal Auditing," Review of Business, St. John's University, 5, 6, 22, (1981).

COLLEGE OF EDUCATION

- ANDERSON, B. "Inexpensive Alternatives to Computers for Classroom Use," Resources in Education, ERIC Document Reproduction Service No. ED 196 006, (1982).
- SORG, S. Manage the Daily Routines of Your CBE Program, (Professional Teacher Education Module K-5). (Columbus, OH: The National Center for Research in Vocational Education, The Ohio State University), 1982.

COLLEGE OF ENGINEERING

- BAKER, E. and Weidemann, H. G. (eds.) Materials Engineering: Design-Oriented Approach. Published by Insearch LTD. of Australia, (1981).
- HOSNI, Y. A. and WHITEHOUSE, G. E. "Economic Analysis," Institute of Industrial Engineers Micro Software-APPLE Version, (1981).

- HOSNI, Y. A. and WHITEHOUSE, G. E. "Production Planning," Institute of Industrial Engineers Micro Software-APPLE Version, (1981).
- HOSNI, Y. A. and WHITEHOUSE, G. E. "Network Analysis," Institute of Industrial Engineers Micro Software-APPLE Version, (1982).
- HOSNI, Y.A. and WHITEHOUSE, G. E. "Work Measurement," Institute of Industrial Engineers Micro Software-APPLE Version, (1982).
- LINTON, D. G. and WHITEHOUSE, G. E. et al. "Can You Run GASP II On a Microcomputer?" Institute of Management Systems/Operations Research Society of America, Detroit, MI, (1982).
- SEPULVEDA, J. A. et al. "Engineering-Economic Analysis," Schaum's Series, (New York, NY: McGraw-Hill), (1982).
- TAYLOR, J. S. "The New Phelps Award Criteria for the Outstanding Wastewater Plant in Florida," THE OVERFLOW, 12, (1982).
- WHITEHOUSE, G. E. "Network Models," Invited Chapter for Industrial Engineering Handbook, (New York, NY: John Wiley), (1982).
- WHITEHOUSE, G. E. et al. "Economic Analysis," Institute of Industrial Engineers Micro Software-Radio Shack Version, (1981).
- WHITEHOUSE, G. E. and HOSNI, Y. "Production Planning," Institute of Industrial Engineers Micro Software-Radio Shack Version, (1981).
- WHITEHOUSE, G. E. and HOSNI, Y. "Network Analysis," Institute of Industrial Engineers Micro Software-Radio Shack Version, (1981).
- WHITEHOUSE, G. E., HOSNI, Y. and LINTON, D. G. "Work Measurement," Institute of Industrial Engineers Micro Software-Radio Shack Version, (1982).

COLLEGE OF HEALTH

- BOLLINGER, R. L. "Non-Auditory Communication Disturbance Resembling Presbycusis," Chapter VI, Rehabilitative Audiology, Grune and Stratton (Ed.), (1982).
- BOLLINGER, R. L. Voice Reeducation: A Manual for Professionals and Patients, Kemlinger Institute Publications, (1982).
- MULLIN, T. A. and Barr, D. F. "Auditory Processing Disorders: A Therapeutic Approach" In Keith, R. W. and Northern, J. L. (Ed.) Seminars In Speech, Language and Hearing Disorders, (New York: Stratton), 1981.
- Walker, V., Hardiman, C., HEDRICK, D. and Holbrook, A. "Speech and Language Characteristics of an Aging Population," Speech and Language: Advances in Basic Research and Practice, Academic Press, Inc., 6, 143-202, (1981).

CREATIVE WORK

Exhibits, Performances

COLLEGE OF ARTS AND SCIENCES

ART

NATIONAL, INTERNATIONAL

LOTZ, STEVE, Group exhibition, "185th Annual Royal Scottish Academy Exhibition," Edinburgh, Scotland, June - July 1981.

RIVERS, ROBERT, One man show, "Robert Rivers Etchings," Edinburgh College of Art, Edinburgh, Scotland, August - September 1981.

WELLMAN, CHARLES, Group exhibition, "National Invitational Exhibition," University of Hawaii, Hilo, Hawaii, February 1982.

REGIONAL

GAUDNEK, WALTER, Performance, "Little Labyrinths," Dorsky Galleries, New York, New York, April 1982.

LOTZ, STEVE, One Man exhibition, "Florida Dreams: Recent Work by Steve Lotz," Daytona Museum of Arts and Sciences, Daytona Beach, Florida, April - May 1982.

LOTZ, STEVE, Group exhibition, "Invitational Painting Exhibition," Miller-Pappas Gallery, Tampa, Florida, April 1982.

RIVERS, ROBERT, Group exhibition, "New American Graphics," University of Wisconsin, Madison, Wisconsin, March - April 1982.

WELLMAN, CHARLES, Group exhibition, "Southern Exposures," Traveling Light Factory, Charlotte, North Carolina, June - July 1981. Virginia Intermont College, Bristol, Virginia, September - October 1981. Daytona Beach Community College, Daytona Beach, Florida, November - December 1981. University of South Florida, Tampa, Florida, January - January 1982. Katzman Gallery, Sarasota, Florida, March - April 1982. Miami-Dade Community College, Miami, Florida, April - May 1982.

LOCAL

CHAVDA, JAGDISH, One man exhibition, Central Florida, Artist Teacher Invitational Series, Winter Park, Florida, February 1982.

CHAVDA, JAGDISH, One man exhibition, The Cornell Fine Arts Center, Rollins College, Winter Park, Florida, March 1982.

EYFELLS, JOHANN, One man exhibition, "Maps and Imprints," Crealde School of Art, Winter Park, Florida, September - October 1981.

EYFELLS, JOHANN, One man exhibition, "Metal Reliefs and Small Sculptures," Cornell Fine Arts Center, Winter Park, Florida, January - February 1982.

- EYFELLS, JOHANN, Group exhibition, "The First Exhibition," Valencia Community College, Orlando, Florida, January 1982.
- EYFELLS, JOHANN, Group exhibition, "Sculptural Forms," Crealde School of Art, Winter Park, Florida, May - June 1982.
- LOTZ, STEVE, Group exhibition, "The First Exhibition," Valencia Community College, Orlando, Florida, January 1982.
- LOTZ, STEVE, Group exhibition, "Drawing: A Florida Perspective," Valencia Community College, Orlando, Florida, November - December 1981.
- LOTZ, STEVE, Group exhibition, "Area Artists II," Crealde School of Art, Winter Park, Florida, November - December 1981.
- RIVERS, ROBERT, Group exhibition, "The First Exhibition," Valencia Community College, Orlando, Florida, January 1982.
- WELLMAN, CHARLES, Group exhibition, "The First Exhibition," Valencia Community College, Orlando, Florida, January 1982.
- WELLMAN, CHARLES, Group exhibition, "Focus Invitational '82," Focus Gallery, Winter Park, Florida, May 1982.

MUSIC

EUBANK, DR. LEE

- Performance - Orlando Civic Theatre, Edyth Bush Theatre, Loch Haven Park, Orlando, Florida, "Wizard of Oz," - 9 performances, Orlando, Florida, July 1981.
- Performance - String Ensemble - Tupperware Convention Center, Kissimmee, Florida, August 1981.
- Performance - Orlando Civic Theatre, Edyth Bush Theatre, Loch Haven Park, Orlando, Florida, "My Fair Lady," - 18 performances, Orlando, Florida, September and October 1981.

FARINA, ANNA C., Accompanist for saxophonist Rollie Walker, Saxophone Symposium, University of Florida, Gainesville, February 1982.

GARDNER, JERRY

- Conductor - Florida Youth Wind Ensemble - Orlando, Opening of new Orlando Airport, September 1981.
- Conductor - Florida Youth Wind Ensemble - Lake Buena Vista, October 1981.
- Conductor - UCF Wind Ensemble Tour - Athens, Georgia/Nashville, Tennessee, January 1982.
- Conductor - UCF Wind Ensemble - St. Luke Cathedral - February 1982.
- Conductor - Florida Youth Wind Ensemble Concert - Daytona Beach, January 1982.
- Conductor - Florida Youth Wind Ensemble - Winter Park Arts Festival, March 1982.
- Conductor - Guest - Anne Arundel County Honors Band, February 1982.
- Conductor - Guest - Pinellas County Honors Band, February 1982.

Conductor - Guest - Polk County Honors Band, February 1982.
Recording released - "The Unknown Grainger," Golden Crest Records
#D6-4216.

LESKO, ERIC S.

Solo Concert - DeLand Museum - July 1981.
Solo Concert - Loch Haven Art Center, August 1981.
Solo Concert - DeLand Museum - October 1981.
Guitar/Voice Concert - Saint Augustine, January 17 1982.
Solo Concert - Polk County Museum, January 1982.
Guest Soloist - Florida Symphony Chamber Orchestra 1981.

MARTELL, FREDERICK B.

Solo Concert - Loch Haven Art Center, August 1981.
Solo Concert - DeLand Museum, October 1981.
Solo Concert - Hartt College of Music, Hartford, Connecticut,
October 1981.
Soloist - Messiah - New York, December 1981.
Voice/Guitar Concert - Saint Augustine, Emil Maestre Music Associa-
tion, January 1982.
Voice/Guitar - Miami, February 1981.
Soloist - Beethoven Ninth Symphony and Christ on the Mount of
Olives, Cleveland, Ohio, May 1982.

OWENS, WILLIAM STEVEN

Solo Recital - Valencia Community College, Spring 1982.
On-call musician - Florida Symphony Orchestra 1981-82 season.

PICKERING, ROY

Soloist - with UCF Wind Ensemble - Athens, Georgia and Nashville,
Tennessee, January 1982.
Solo Recital - Valencia Community College, January 1982.
Soloist - with Merritt Island High School Band, February 1982.

VOELKER, DALE

Conductor - Women's Chorus - Lake Buena Vista, October 1981.
Conductor - University Choir and Navy Band, Lake Eola, October 1981.
Conductor - University Choir - Hawthorne Series, Leesburg, December
1981.
Conductor - Chamber Singers Tour - Savannah, Georgia and Jackson-
ville, Florida, March 1982.
Solo Organ Recital - University of Middle Tennessee, April 1982.
Soloist - with UCF Wind Ensemble, Orlando, March 1982.
Conductor - University Choir Tour - Lakeland, St. Petersburg,
Pinellas Park, Dunnellon, April 1982.

WOLF, GARY

Lecture Recital on Piano Works of Max Reger - San Jose State Univer-
sity, San Jose, California, June 1981.
Solo Recital - American Matthay Piano Festival, San Jose, Califor-
nia, June 1981.
Solo Recital - Morehead State University, Morehead, Kentucky,
September 1981.
Solo Recital - University of East Tennessee, Johnson City, Tennes-
see, September 1981.

Solo Recital - District IX Florida State Music Teachers Association, Ft. Myers, Florida, October 1981.

Chamber Music Recital - Hawthorne Series, Leesburg, October 1981.

Guest Artist - Solo Recital - State Convention of South Carolina Music Teachers Association, Converse College, Spartanburg, South Carolina, November 1981.

Solo Recital - Florida Junior College, Jacksonville, Florida, February 1982.

Solo Recital - Florida International University, Miami, March 1982.

Chamber Music Recital - Jacksonville University, Jacksonville, Florida, May 1982.

Soloist - Central Florida Chamber Orchestra - Mozart Concerto, Winter Haven, June 1982.

Lecture Recital - Williams College, Williamstown, Maine, June 1982.

WRANCHER, ELIZABETH A.

Solo Recital - District IX Florida State Music Teachers Association, Ft. Myers, Florida, October 1982.

Soloist - with Florida Symphony and Rollins Chorus, April 1982.

THEATRE

IPPOLITO, JOSEPH, Directed, The Drunkard, Daisy's Basement Melodrama Theatre, Fall 1981.

IPPOLITO, JOSEPH, Scenery Design, The Importance of Being Earnest, Valencia Community College, Fall 1981.

IPPOLITO, JOSEPH, Scenery Design and Preparation for USO Tour of Europe, El Grande de Coca-Cola, Summer 1982.

WELSCH, ANNE, Directed, Vanities, Valencia Community College, Fall 1981.

WELSCH, ANNE, Tour Director for USO Tour of El Grande de Coca-Cola to Europe, Summer 1982.

PRESENTATIONS

at a National or International Professional Society Meeting

COLLEGE OF ARTS AND SCIENCES

BIOLOGICAL SCIENCES

Bagby, J. R., SWEET, H. C. and DeVincenzi, D. L. "A Quarantine Protocol for Analysis of Returned Extraterrestrial Samples," 24th Plenary Meeting of Congress of Space Research. Ottawa, Can. May 1982.

EHRHART, L. M. and Lee, R. C. "Hypothermic Stunning of Marine Turtles in East-Central Florida Lagoons in 1981," Joint Annual meeting of Herpetologists League and Society for the Study of Amphibians and Reptiles, Memphis State University, Memphis, TN, August 1981.

KUHN, D. T. "Distribution of Malic Enzyme-NADP+ in D. melanogaster Imaginal Discs," Drosophila Research Conference; Storrs, CT, March 1982.

SNELSON, F. F., JR. "Where Do Sailfin Mollies Come From?" Annual Meeting, American Society of Ichthyologists and Herpetologists, Corvallis, OR, June 1981.

SNELSON, F. F., JR., Mulligan, T. J. and Williams, S. E. "Life History Aspects of the Bull Shark in Florida Coastal Lagoons," Annual Meeting, American Society of Ichthyologists and Herpetologists, DeKalb, IL, June 1982.

SWEET, H. C. "Use of an Apple Computer to Identify Vegetation and Assess the Coverage Within Single Landsat Pixels," 7th International Symposium of Machine Processing of Remotely Sensed Data, Purdue Univ. LaFayette, IN, July 1981.

SWEET, H. C., Bagby, J. R. and DeVincenzi, D. L. "An Orbital Quarantine Facility for Analysis of Return Samples," 24th Plenary Meeting of Congress of Space Research, Ottawa, Canada. May 1982.

WHITE, R. and Norman, J. "Apotryptophanase Synthesis in a Pyridoxine Auxotroph of Escherichia coli B Starved for Pyridoxal," National American Society for Microbiology, 82nd Annual Meeting slide presentation to session "Metabolism of Nitrogenous Compounds," Atlanta, GA, March 1982.

CHEMISTRY

CLAUSEN, C. "Patching up the B.S. Chemistry Curriculum," American Chemical Society Meeting, New York, NY, August 1981.

CLAUSEN, C. "A Perspective on Academic Preparation and Industrial Careers in Chemistry," American Chemical Society Meeting, Las Vegas, NV, April 1982.

CUNNINGHAM, G.N. "Activity Patterns of Malic Enzyme in Drosophila," Genetics Society of America 51st Annual Meeting, New Haven, CT, June 1982.

GUPTON, J., Andrew, S. and Colon, C. "Reaction of Unsymmetrical Enolate Anions with Gold's Reagent"; National Meeting of the American Chemical Society, Las Vegas, NV, April 1982.

KUJAWA, F. B. (1) "Panoramas of American National Parks and Monuments (Southern Parks)," (2) "The Winter Park Sinkhole in the Context of Recent Karst Activity in Central Florida," (3) "Panoramas of American National Parks and Monuments (Northern Parks)," NE and SE Combined Sections Meeting, Geological Society of America, Washington, DC, March 1982.

MADSEN, B.C. "A Comparison of Precipitation Composition at Coastal and Inland Sites in Central Florida," Division of Environmental Chemistry Symposium on Acid Precipitation. 183rd National American Chemical Society Meeting, Las Vegas, NV, March 1982.

MATTSON, G. "What Should be Taught in an Industrial Chemistry Course," American Chemical Society Meeting, Las Vegas, NV, April 1982.

MATTSON, G. and GUPTON, J. "An M.S. Program in Industrial Chemistry," American Chemistry Society Meeting, New York, NY, August 1981.

COMMUNICATION

FEDLER, F., Counts, T. and HIGHTOWER, P. "Changes in the Wording of Cutlines Fail to Reduce Photographs' Offensiveness," Photojournalism Division, Association for Education in Journalism, Annual National Convention, East Lansing, MI, August 1981.

MEESKE, M. "Cameras in the Courtroom: What the Research Says," Speech Communication Association Convention, Anaheim, CA, November 1981.

MORGAN, T. "A Proposal for a National 'Crimestoppers' Communications Network," Crimestoppers USA National Convention, Austin, TX, October 1981.

COMPUTER SCIENCE

BASSIOUNI, M. and Hazboun, K. A. "A Multi-Group Technique for Data Compression," ACM/SIGMOD International Conference on Management of Data, Orlando, FL, June 1982.

BASSIOUNI, M. and Spirn, J. R. "A Semi-Markov Model for File Access Behavior of Tasks," 13th Annual Modeling and Simulation Conference, Pittsburgh, PA, April 1982.

BASSIOUNI, M. and Spirn, J. R. "Optimization of Buffer Sizes in Static Allocation Schemes," International Conference on Systems Methodology, Washington, DC, January 1982.

FREDERICK, T. J. "Some Concerns Regarding Accreditation in Computer Science," Computer Science Conference, Indianapolis, IN, 1982.

GOMEZ, F. "Towards a Theory of Comprehension of Declarative Contexts," 20th Meeting of the Association of Computational Linguistics, Toronto, Can., June 1981.

GUHA, R. K. and MUKHOPDHYAY, A. "Embedding a Tree in the Nearest Neighbor Array," 1981 International Conference on Parallel Processing, Bellaire, MI, August 1981.

HUGHES, C. E. and Moshell, J. M. "Computer Power: A Coordinated Series of High School Curricula," Association for Educational Data Systems Conference, Orlando, FL, May 1982.

EDUCATION

OLSON, J. "Mainstream Burnout Factors of Gifted Students," National Topical Conference on Talented and Gifted Children, Orlando, FL, December 1981.

ENGLISH

DONNELLY, J. J. "JR and the Growth of a Corporate Mind: The Post Modern Child as Entropic Consciousness," Annual Meeting of the Modern Language Association, New York, NY, December 1981.

OMANS, S. E. "Shakespeare and Ordinary People," Nazareth College Shakespeare Conference, Rochester, NY, November 1981.

PRICE, M. "Vocabulary Building" in A Sampler from the NCTE Idea Exchange, National Council of Teachers of English, Urbana, IL, 1981.

PRICE, M. "Recent Work in Paragraph Analysis," Conference on College Composition and Communication, San Francisco, CA, March 1982.

FOREIGN LANGUAGES

CERVONE, A. V. "The Critical and Aesthetic Ideas of Xavier Llampillas as Found in his Saggio storico apologetico della letteratura spagnola contro le pregiudicate opinioni di alcuni moderni scrittori italiani," Seminar of Scholars on Italo-Hispanic Literary and Cultural Relations at the Modern Language Association National Convention, New York, NY, December 1981.

HISTORY

FERNANDEZ, J. B. "Trial and Tribulations of Hispano Authors," American Association of Teachers of Spanish and Portuguese, Seattle, WA, August 1981.

FERNANDEZ, J. B. "Spanish Colonial Letters in the United States," Modern Language Association, New York, NY, December 1981.

HUMANITIES PHILOSOPHY AND RELIGION

KASSIM, H. "Hostage Crisis between Iran and the United States of America: Its Theoretical Implications in the Islamic Law and International Law," Tenth International Congress on Human Rights, Florida State University, Tallahassee, FL, November 1981.

KASSIM, H. "Phenomenology and Psychoanalysis of Suicide in Jean-Paul Sartre," World Institute for Advanced Phenomenological Research and Learning, Belmont, MA, March 1982.

RISER, J. S. "The Meaning of Life as Social Task," International Conference of Philosophy, University of Warsaw, Warsaw, Poland, August 1981.

RISER, J. S. "Human Needs and Human Rights," Tenth Inter-American Congress of Philosophy, Tallahassee, FL, October 1981.

RISER, J. S. "Marxism and Affirmative Action," American Philosophical Association, Philadelphia, PA, December 1981.

MATHEMATICS and STATISTICS

ANDREWS, L. C. and PHILLIPS, R. L. "Modeling and Experimental Verification of Laser Scintillation Statistics in Atmospheric Turbulence," 1981 Annual Meeting of the Optical Society of America Orlando, FL, October 1981.

Monlezun, C. J. and MALONE, L. C. "Repeated Measures Designs," American Statistical Association, Detroit, MI, August 1981.

SOMERVILLE, P. N. "A Discussion of Invited Papers for Session 10 on Statistical Meteorology," 43rd Session of the International Statistical Institute, Buenos Aires, Argentina, December 1981.

POLITICAL SCIENCE

BLEDSOE, R. L. and Rotundo, L. "A Longitudinal Analysis of Perceived Russian/Soviet Force Levels: 830-1980," International Conference of Political Psychology, University of Mannheim, West Germany, Summer 1981.

HANDBERG, R., GUEST, S., STERN, M. and MADDOX, W. S. "Creating New Cleavages Among Party Elites: Reform and Its Consequences in Florida," Annual Meeting of the Southern Political Science Association, Memphis, TN, November 1981.

HANDBERG, R. and MADDOX, W. S. "Public Controversy and Science Policy: Genetic Engineering, Genetic Research and Public Support," Annual Meeting of American Political Science Association and the Association for Politics and the Life Sciences, New York, NY, September 1981.

HANDBERG, R. and MADDOX, W. S. "Public Opinion About Science: Isolating Correlates of Support and Nonsupport for Science and Technology," Annual Meeting of Southwest Political Science Association, San Antonio, TX, March 1982.

HANDBERG, R. and UNKOVIC, C. "Through the Warped Looking Glass: Television's Cultural Impact on the Trial Process," Annual Meeting of the Academy of Criminal Justices, Louisville, March 1982.

HANDBERG, R., WALLACH, P. and TATE, C. N. "Public Images of Courts: Dimensions of Support and Nonsupport," Annual Meeting of the Law and Society Association, Toronto, Can., June 1982.

HANDBERG, R., WRIGHT, R. and UNKOVIC, C. "Crime, Punishment and Deterrence: The Impact of an Execution on Attitudes Toward the Death Penalty," Annual Meeting of the Academy of Criminal Justice Sciences, Louisville, March 1982.

JOHNSON-FREESE, J. "Prospects of Nuclear Energy Use in Third World Countries: Effects of Supplier Group Guidelines," International Studies Association, Cincinnati, OH, March 1982.

LILIE, J. R. and VOLCANSEK, M. "Women on the State Courts: Attitudinal Patterns," Western Social Science Association, Denver, CO, April 1982.

MORALES, W. Q. "The State and Corporatism in Latin America," Annual Meeting of the American Political Science Association, New York, NY, September 1981.

MORALES, W. Q. "Philosophers, Ideology and Social Change in Bolivia," Annual Meeting of the Latin American Studies Association, Washington, DC, March 1982.

MORALES, W. Q. "Television Reporting of Latin America: The Case of Cuba," Annual Meeting of the International Studies Association, Cincinnati, OH, March 1982.

STERN, M. "The 1980 Elections: Change and Continuity in Florida Politics," 1982 Citadel Symposium on Southern Politics, Charleston, SC, March 1982.

PSYCHOLOGY

BLAU, B. I., MCGUIRE, J. M., BURROUGHS, W. A. and SECUNDA, M. "Psychobiomotor Correlates of Football Playing Ability," 2nd International Conference on the 16PF, New Orleans, LA, March 1982.

BROPHY, J. C. "Some beginning applications of the Apple Computer for Physiological Psychology," 4th National Institute for Teaching Undergraduate Psychology, Clearwater, FL, January 1982.

BROPHY, J. C. "Computers in Teaching, workshop on educational applications for the Apple Computers," National Institute of Teaching Undergraduate Psychology, Clearwater, FL, January 1982.

ZEGMAN, M. A. "Women, Weight and Health, Association for Advancement of Behavior Therapy," Meeting of the Women's Special Interest Group, Toronto, Canada, November 1981.

ZEGMAN, M. A. "Adherence to a Behavioral Weight Control Program: Subject Attrition and Compliance to Differential Calorie Goals," Grand Canyon International Conference on the Treatment of Addictive Behaviors, Grand Canyon, CO, November 1981.

ZEGMAN, M. A., Martin, J. E., Katell, A. and Webster, J. "Exercise Adherence: The Impact of Feedback, Praise and Goal Setting Procedures," Association for Advancement of Behavioral Therapy, Toronto, Can. November 1981.

PUBLIC SERVICE ADMINISTRATION

BECKER, D. C. "Surveying the Need for a University Security Management Degree Program," Academy of Criminal Justice Sciences Annual Meeting, Louisville, KY, March 1982.

DUFFEY, J. S. "Whatever Happened to the 'New Public Administration?'" American Society for Public Administration, Annual Meeting, Honolulu, HI, March 1982.

SOCIOLOGY

BROWN, W. R. "Assessing Measures of Contact Theory," 1982 American Educational Research Association Annual Meeting, New York, NY, March 1982.

KAZMERSKI, K. J. and ABEL, E. M. "Integrating the 'isms' in Undergraduate Social Work Education," Council on Social Work Education Annual Program Meeting, New York City, NY, March 1982.

STEARMAN A. M. "A Natural History of Colonization in Santa Cruz, Bolivia: 1952-1981," University of Florida, Gainesville, FL, February 1982.

UNKOVIC, C. M. "The Double Alcoholic Marriage," National Conference on Family Therapy, Tallahassee, FL, March 1982.

UNKOVIC, C. M. and Irrgang, G. "The Alcoholic Marriage," National Conference for the Prevention of Alcoholism and Other Drugs, Orlando, FL, March 1982.

COLLEGE OF BUSINESS ADMINISTRATION

CALLARMAN, W. and McCARTNEY, W. "The Language of Management: Its Roots," National Academy of Management Meeting, San Diego, CA, August 1981.

CAMPBELL, T. and SALTER, J. "The Florida CPA Law and Its Impact Upon Accounting Education," 1981 Annual Meeting of the American Accounting Association, Chicago, IL, August 1981.

- CHAMBERS, G. "Services of a Spouse as Considerations for Jointly Owned Business Property and the Material Participation Rule in IRC Sec. 2040(c)," Holmen/Cardozo Competition, American Business Loan Association, Meeting, 1981.
- DAVIS, D. "The Reliability and Validity Problems in Preventative Health Behavior Research," Association for Consumer Research Health Care Conference, Snowbird, VT, April 1982. 113-116, (1982).
- HOSNI, D. "The Role of Audio-Visual Aids (AVAs) in the International Transfer of Technology," Conference on Training Effectiveness and Evaluation of the Society for Applied Learning Technology, Arlington, VA, March 1982.
- JOYCE, M. "The Preventive Health Behavior Program - An Alternative to the Traditional Health Care Delivery System," Association of Consumer Research Health Care Conference, Snowbird, VT, April 1982.
- KLOCK, D. "Risk Management in the College Curriculum," American Risk and Insurance Association, Kansas City, MO, November 1981.
- McNIEL, D. "The Economic Impact of Regulations Affecting Mechanically Deboned Meat and Poultry," Conference on Food Safety and Quality Regulation, Washington, DC, November 1981.
- SCHOU, A. "Managerial-Leadership/Performance," National Institute of Management Science/Operations Research Society of America Joint Meeting 1982, Detroit, MI, April 1982.
- SCHOU, C. "An Analysis of Network Systems Available for Business Microprocessors," Association for Business Simulation and Experiential Learning, Phoenix, AZ, March 1982.
- SCHOU, C. "Development of Criminal Justice Systems with the Micro Computer," Academy of Criminal Justice Science, Louisville, March 1982.
- SCHOU, C. "Microcomputers and Interactive Video Applications in Corporate Training," National Society for Performance in Instruction, San Diego, CA, April 1982.
- SCHOU, C. and RUBIN, R. "Workshop on Microcomputer Applications in the Small Business," Small Business Development Center Conference, San Francisco, CA, February 1982.

COLLEGE OF EDUCATION

- ANDERSON, B. "Does Mastery Learning Meet Developmental Needs? The Role of Children's Books," 27th Annual Convention of International Reading Association, Chicago, IL, April 1982.

- ANDERSON, B. "Perspectives on Reading Microcomputer Programs," International Reading Association 27th Annual Conference, Chicago, IL, April 1982.
- BARR-JOHNSON, V. "Arts for the Handicapped," International Society for Education Through Art, Rotterdam, Netherlands, August 1981.
- BARR-JOHNSON, V. "Analysis of Research in the Art Classroom," National Art Education Association Conference, New York, NY, April 1982.
- BIRD, R. "NSF Institute for Elementary Teachers," National Association of Science Teachers Convention, Nashville, TN, November 1981.
- BIRD, R. "A Physical Science Program for K-4-enders," National Science Teachers Association 1982 Annual Convention, Chicago, IL, April 1982.
- BIRD, R. "Problem Areas in Field of Alcoholism," International Conference on the Prevention of Alcoholism and Drug Dependency, Orlando, FL, March 1982.
- ESLER, W. "Some Implications for Learning Derived from Physiological Studies of the Brain," Visions Education for the 21st Century Conference, University of Central Florida, June 1981 and National Science Teachers Association Convention, Chicago, IL, April 1982.
- FARDIG, G. "The Florida Administrator Leadership Training Program," National Conference on Performance Based Teacher Education, Philadelphia, PA, October 1981.
- FARDIG, G. "A Performance-Based Program for Business Teachers in California," San Francisco, CA, January 1982.
- KYSILKA, M. "Implementing Curricular Changes," Support Systems Project, Annual Dean's Grant Meeting, Minneapolis, MN, April 1982.
- KYSILKA, M. "Education in China." Presented at Kappa Delta Pi Conference, San Antonio, TX, April 1982.
- KYSILKA, M. and Hawley, S. "Helping Elementary Teachers Individualize Instruction," National Council Teachers of Mathematics, Toronto, Canada, April 1982.
- KYSILKA, M., Ryan, G. and Ferguson, M. "Selecting Curriculum Materials for Gifted/Talented Students," CEC/TAG National Topical Conference on Gifted and Talented Children, Orlando, FL, December 1981.
- OLSON, J., Mercer, C. and Ware, A. "Process Testing: An Examination," Council on Exceptional Children, Houston, TX, April 1982.
- ROTHERBERG, R. "Individualizing Professional Development," National Staff Development Conference, New Orleans, LA, November 1981 and Florida Staff Development Conference, Daytona Beach, FL, September 1982.

- TOLER, D. "Meeting Individual Needs Together," Showcase of Achievement, Association for Educational Communications and Technology, Dallas, TX, May 1982.
- TOLER, D. "Microcomputers and Visual Literacy," Industrial Training and Education Division, Association for Educational Communications and Technology, Dallas, TX, May 1982.
- TOLER, D. "ACCS and the Media Specialist," Association for Supervision and Curriculum Development, Anaheim, CA, March 1982.

COLLEGE OF ENGINEERING

- BAUER, C. S. et al. "Microcomputer Control of an Industrial Process Mode: Lessons Learned and Suggested Approaches," 1st International and 4th National Conference on Computers and Industrial Engineering, Orlando, FL, March 1982.
- BAUER, C. S. et al. "Interactive Analysis of Transportation Network - A Minicomputer Driven Computer Graphics Approach," 1st International and 4th National Conference on Computers and Industrial Engineering, Orlando, FL, March 1982.
- BOEHMAN, L. I., ANDERSON, L. A., BISHOP, W. S., Strnat, R. and Egart, M. K. "The University of Dayton Alternate Energy Hybrid Research Facility," Conference on Alternate Energy, University of Missouri, April 1982.
- CARROLL, W. E. and Read, D. L. "Implementation of Finite Element Analysis Programs on Microprocessors: Two Case Studies," Third World Congress and Exhibition on Finite Element Methods, Beverly Hills, CA, October 1981.
- COOPER, C. D., Alley, F. C. and Mullins, J. C. "Kinetics of Hydrocarbon Vapor Incineration - Including Carbon Monoxide Formation and Destruction," 1981 Annual Convention of the Florida Section Air Pollution Control Association, Palm Coast, FL, September 1981.
- COOPER, C. D., Alley, F. C. and Overcamp, T. J. "A General Model for Predicting Hydrocarbon Vapor Incineration Kinetics in an Afterburner," 74th Annual Meeting of the AIChE in New Orleans, LA, November 1981.
- DENNING, R. G. "Engineering Technology for Logistics Engineers," Society of Logistics Engineers, Orlando, FL, April 1982.
- DOERING, R. D., BISHOP, P. J. and MINARDI, A. "Energy Education at University of Central Florida," Institute of Industrial Engineers, Fall Conference, Orlando, FL, December 1981.
- DOERING, R. D. "Energy Management of a Central Energy Plant," Institute of Industrial Engineers Fall Conference, Orlando, FL, December 1981.

- DOERING, R. D. "Equipment Manufacturers Response to Current Food Service Requirements/Needs," Annual Conference, Sam Houston State University, Huntsville, TX, April 1982.
- DOERING, R. D., BISHOP, P.J. and HARTMAN, J. P. "The Mechanical Engineering Energy Systems Program at University of Central Florida," 1982-American Society of Engineering Education Annual Conference, Texas A. and M., Bryan, TX, June 1982.
- DOERING, R. D. et al. "Manpower Via Microcomputer, Walt Disney World Food Operations," 1st International and 4th National Conference on Computers and Industrial Engineering, Orlando, FL, March 1982.
- HARPER, H. H., WANIELISTA, M. P. and YOUSEF, Y. A. "Stormwater Treatment by Diversion to Underground Systems," National Specialty Conference on Environmental Engineering, Division, ASCE, Atlanta, GA, July 1981.
- HARPER, H. H., YOUSEF, Y. A. and WANIELISTA, M. P. "Productivity Responses of Lake Eola Water to Urban Runoff," National Conference on Urban Stormwater Combined Sewer Overflow, Orlando, FL, November 1981.
- HARTMAN, J. P. "Energy and Environmental Issues for University Students," Technology and Society Division, Winter Annual Meeting, American Society of Mechanical Engineers, Washington, DC, November 1981.
- HARTMAN, J. P., DOERING, R. D. and BISHOP, P. J. "Energy Education at the University of Central Florida, Fall Industrial Engineering Conference, American Institute of Industrial Engineers, Washington, DC, December 1981.
- HEAD, C. M. "Winter Park Sinkhole - Solving Its Geographic Problems," Association of American Geographers National Convention, San Antonio, TX, April 1982.
- HOSNI, Y. A. "Structured Programming for Industrial Software," 1st International and 4th National Computers and Industrial Engineering Conference, Orlando, FL, March 1982.
- HOSNI, Y. A. "Time Standards Using Microcomputers," Proceedings IEE Annual Industrial Engineering Conference, New Orleans, LA, May 1982.
- HOSNI, Y. A. and WHITEHOUSE, G. E. "Use of Microcomputers for Teaching Industrial Engineering," American Society of Engineering Education, Annual Conference, Texas A. and M. University, Bryan, TX, 1982.
- KERSTEN, R. D. "Elements of the Crisis in Engineering Education," Winter Meeting National Society of Professional Engineers, Phoenix, AZ, January 1982.
- KERSTEN, R. D. "Professional Schools: The Debate Continues," American Society of Civil Engineers, Annual Conference, St. Louis, MO, October 1981.

- KLEE, H. "Computerized Residential A/C Waste Heat Recovery Analysis," 1st International and 4th National Computers and Industrial Engineering Conference, Orlando, FL, March 1982.
- LITKA, A. H. "The FSEC PV Residence - 1st Year Operational Results," American Section-International Solar Energy Society, June 1982.
- MALOCHA, D. C. "Surface Wave Devices Using Low Loss Filter Technologies," 1981 Sonics and Ultrasonics Symposium, International Conference, Chicago, IL, October 1981.
- MALOCHA, D. C. "Elastic Convolver with a Modified Multistrip Coupler Compressor," Chicago, IL, October 1981.
- Manderson, M. C. and COOPER, C. D. "The World Supply/Demand Outlook for Sulphur," Sulphur-81-An International Conference, Calgary, Alberta, Canada 1981.
- METWALLI, S. M. "Improving Productivity by Modeling and Computer Tuning," Fourth National and First International Conference for Computers and Industrial Engineering, Orlando, FL, March 1982.
- METWALLI, S. M., Younan, M. Y. and El-Hebery, R. "Applications of Fail Safe Analysis Concepts to Boiler Production Problems," 2nd International Conference on Technology for Development, Cairo, Egypt, November 1981.
- MILLER, R. N., HARTMAN J. P. and HOSLER, E. R. "Energy Education for Non-Engineers," International 1981 Conference of Energy Education, University of Rhode Island, Providence, RI, August 1981.
- PHILLIPS, R. L. "Fiber Optic Sensors and Integrated Optical Components," Institute of Electrical and Electronic Engineers Electron Devices Society, Orlando, FL, April 1982.
- PHILLIPS, R. L. and ANDREWS, L. C. "Analysis of Noise in Phase Detection in a Fiber Optic Rate Sensor," International Meeting on Fiber Optic Rate Sensors at Massachusetts Institute of Technology, Cambridge, MA, November 1981.
- PHILLIPS, R. L. and ANDREWS, L. C. "Modeling and Experimental Verification of Laser Scintillation Statistics in Atmospheric Turbulence," 1981 Annual Meeting, Optical Society of America, Orlando, FL, October 1981.
- SEPULVEDA, J. A. et al. "Computer Modelling of Rural Emergency Medical Services Delivery Systems," Second World Congress on Emergency and Disaster Medicine, Pittsburgh, PA, May 1982.
- SEPULVEDA, J. A. et al. "Extensive Forecasting Analysis - A Microcomputer Software Routine," 1st International and 4th National Conference on Computers and Industrial Engineering, Orlando, FL, March 1982.

- SIMONS, JR., F. O., Browder, G. B. and Butrimas, S. "New Signal Processing Integrated Circuit Represents Technological Breakthrough for Reducing Trainer Costs," Third Inter-Service Industry Training Equipment Conference, Orlando, FL, November 1981.
- SIMONS, JR., F. O. and HARDEN, R. C. "Inverse Laplace Transforms with the HP-41C," 1981 American Society of Electrical Engineers Annual Conference, University of Southern California, Anaheim, CA, June-July 1981.
- SIMONS, JR., F. O. and HARDEN, R. C. "Hand-held Computer Frequency and Transient Simulation of Discrete Transfer Functions," 1981 Summer Computer Simulation Conference, Washington, DC, July 1981.
- SIMONS, JR., F. O. and HARDEN, R. C. "HP-41 Root Locus Algorithms are Programs," 13th Annual Pittsburgh Conference Modeling and Simulation, University of Pittsburgh, Pittsburgh, PA, April 1982.
- TOWLE, H. C., Marshall, A. H. et al. "Anti-Armor Missile Flight Simulator," Interservice/Industry Training Equipment Conference Orlando, FL, February 1982.
- WALKER, R. L., VENTRE, G. G., FAIREY, III, P. W. and KHATTAR, M. K. "Establishing a Design and Data Base for Passive/Hybrid Solar Cooling in Warm, Humid Climates," American Society of Mechanical Engineers Solar Energy Division, Fourth Annual Technical Conference, Albuquerque, NM, April 1982.
- WALTERS, R. A., Cox, J. and Schneider, R. "Optical Emissions From a Nuclear-Excited Xenon Flashlamp," Optical Society of America 1981 Annual Meeting (International), Kissimmee, FL, October 1981.
- WEEKS, A., Toor, T. M., Bizzell, L. A., Kotick, D. M., Robitaille, M. A. and Klages, J. P. "Modal Noise in Multimode Fibers Due to Temperature Variations and Vibrations," Optical Society of America National Convention, Kissimmee, FL, October 1981.
- WHITEHOUSE, G. E. "What is the Best Algorithm to Solve the Resource Allocation Problem? Who Cares?" Proceedings of Institute of Industrial Engineers Annual Meeting, New Orleans, LA, May 1982.
- WHITEHOUSE, G. E. and HOSNI, Y. A. "Use of Microcomputers to Solve Industrial Engineering and Operations Research Problems," Operations Research Society of America Meeting, Detroit, MI, April 1982.
- WHITEHOUSE, G. E. and HOSNI, Y. A. "The Use of Microcomputers to Solve Project Management Algorithms," Operations Research Society of America Meeting, Detroit, MI, April 1982.
- WHITEHOUSE, G. E. and HOSNI, Y. A. "On the Use of Microcomputers to Solve Project Management Algorithms," Institute of Management Systems/ Operations Research Society of America, Joint National Meeting, Detroit, MI, April 1982.

WHITEHOUSE, G. E., HOSNI, Y. A. and LINTON, D. G. "Tailoring Your IE Application for Solution on a Microcomputer," Institute of Industrial Engineers Annual Meeting, New Orleans, LA, May 1982.

WHITEHOUSE, G. E., LINTON, D. G. et al. "A Pipeline Analysis of U.S. Navy 'A' School Training Using SLAM," 1st International and 4th National Conference on Computers and Industrial Engineering, Orlando, FL, March 1982.

YOUSEF, Y. A., HARPER, H. H., WANIELISTA, M. P. and Christopher, J. E. "Management of Drainage Systems from Highway Bridges for Pollution Control," 61st Annual Meeting of the Transportation Research National Board, Washington, DC, January 1982.

YOUSEF, Y. A., WANIELISTA, M. P., HARPER, H. H. and Christopher, J. E. "Management of Highway Bridge Runoff for Pollution Control," 61st Annual Meeting of the Transportation Research Board, National Research Council, Washington, DC, January 1982.

YOUSEF, Y. A., WANIELISTA, M. P., HARPER, H. H. and Jellerson, D. B. "Inactivation of Anaerobic Release of Phosphorus by Water Treatment Sludges," the Thirteenth Mid-Atlantic Industrial Wastes Conference, University of Delaware, Newark, DE. June-July 1981.

COLLEGE OF HEALTH

BOLLINGER, R. L. "Private Practice, The Critical Minority," American Speech, Language and Hearing Association National Convention, Los Angeles, CA, November 1981.

BUCKMAN, G. and INGRAM, D. B. "A Supervision Model for University Speech-Language Clinicians," American Speech, Language and Hearing Association National Convention, Los Angeles, CA, November 1981.

MENDENHALL, T. and EDWARDS, M. J. "Consumer Health Education - A Vitalizing Role for Colleges of Health," American Society of Allied Health Professions National Convention, Reno, NV, November 1981.

PRESENTATIONS

Seminars at Another University or Before an Audience of One's Peers

COLLEGE OF ARTS AND SCIENCES

BIOLOGICAL SCIENCES

- EHRHART, L. M. "Marine Turtles of the Indian River Lagoon System," Indian River System Information Symposium, Melbourne, FL, November 1981.
- EHRHART, L. M. "Migrations of Western Atlantic Loggerhead Turtles: Evidence from Remote Recoveries of Turtles Tagged on the Florida Atlantic Coast," Florida Academy of Sciences, Stetson Univ., DeLand, FL, April 1982.
- MILLER, H. A. "Impact of Habitat Modification on Bryophytes," Florida Academy of Sciences. DeLand, FL, April 1982.
- SNELSON, F. F., JR. "Ichthyofauna of the Northern Segment of the Indian River Lagoon System, Florida," Indian River System Information Symposium, Melbourne, FL, November 1981.
- SNELSON, F. F., JR. and Mulligan, T. J. "Biology of the Bull Shark in the Indian River Lagoon, Florida," Annual Meeting, Florida Academy of Sciences, DeLand, FL, April 1982.
- STOUT, I. J. "Influence of Hurricane David on a Population of Beach Mice," Annual Meeting, Florida Field Biologists, U. of Florida, Orlando, FL, October 1981.
- STOUT, I. J. "Status and Habitat of Peromyscus polionotus on Merritt Island," Annual Meeting, Florida Academy of Sciences, Stetson University; DeLand, FL, April 1982.
- SWEENEY, M. J. "ABC's of Immunology of the Allergy Response," Walt Disney World Medical Conference, Lake Buena Vista Conference Center, Lake Buena Vista, FL, April 1982.
- SWEENEY, M. J. "The Vivo and In Vitro Diagnosis of Allergic Disease including Determinations of Total and Specific IgE," Walt Disney World Medical Conference, Lake Buena Vista Conference Center, Lake Buena Vista, FL, April 1982.
- SWEENEY, M. J. "A New Inhibition Technique for the Detection of Specific IgE to Uncommon Allergens (Anesthetics, Dyes, Plasticizers, etc.)," Walt Disney World Medical Conference, Lake Buena Vista Conference Center, Lake Buena Vista, FL, April 1982.
- SWEENEY, M. J. "What Does Immunotherapy (Desensitization) Accomplish?" Walt Disney World Medical Conference, Lake Buena Vista Conference Center, Lake Buena Vista, FL, April 1982.
- TAYLOR, W. K. and Kershner, M. "House Wren Migration Compared with Other Wrens; An Emphasis on Florida," Florida Academy of Sciences Annual Meeting. DeLand, FL, April 1982.

WHITE, R. "Apotryptophanase Activity in Escherichia coli B (WG15) Starved for Pyridoxal," Forty-Sixth Annual Meeting of the Florida Academy of Sciences, Medical Sciences Session, Stetson University, DeLand, FL, April 1982.

CHEMISTRY

CLAUSEN, C. "Careers in Chemical Industry," Michigan College Chemistry Teachers Association, Eastern Michigan University, Ypsilanti, MI, April 1982.

GUPTON, J., Polaski, C. and Polk, D. "Reaction of Vinamidinium Salts and Azavinamidinium Salts with Organometallic Reagents," Southeastern Regional Meeting of the American Chemical Society, Lexington, KY November 1981.

KUJAWA, F. B. "A Geochemistry Course Illustrated with Multiscreen Panoramas of Geologic Features," Florida Section of the American Chemical Society, Lake Buena Vista, FL, May 1982.

MADSEN, B. C. "Flow Injection Determination of Sulfate and Nitrate in Rainwater," Florida Section American Chemical Society Meeting-in-Miniature, Orlando, FL, May 1982.

COMMUNICATION

BUCHANAN, R. W. "Communication and Persuasion in Jury Selection," Presented at the Eighth Judicial Circuit 1981 Legal Forum, Gainesville, FL, December 1981.

BUCHANAN, R. W. "Graduate Education in Communication," Florida Speech Communication Association, Ft. Myers, FL, October 1982.

DAVIS, R. H. "Graphic Design and Newsletters," Florida Public Relations Association State Convention, Orlando, FL, 1981.

DAVIS, R. H. "Preparing for Accreditation," Central Florida International Association of Business Communications, Orlando, FL, 1982.

DAVIS, R. H. "Preparing a Portfolio," Central Florida International Association of Business Communications, Orlando, FL, 1982.

DAVIS, R. H. "Creative Problem Solving," Central Florida International Association of Business Communications, Orlando, FL, 1982.

FEDLER, F., Counts, T. and Stephens, L.F. "Newspaper Endorsement and Voter Behavior in the 1980 Presidential Election," paper presented at the Southeastern Regional Colloquium of the Association for Education in Journalism, Gainesville, FL, March 1982.

HALL, J. "Emerging Communication Technologies," Florida Speech Communication Association Convention, Ft. Myers, FL, October 1981.

HOGLIN, J. G. "Personnel Training Through Video Tape," Seminar, Florida Committee on Training and Development, Orange County, FL, November 1981.

TANZI, L.A. "'Social' Science Fiction: The Social Sciences in Science Fiction," New England Science Fiction Annual Convention, Boston, MA, February 1982.

TAYLOR, K. P. "Potpourri in Communication and the Law: Papers and Perspective, A Critical Response," 1982 Convention of the Eastern Communication Association, Pittsburgh, PA, May 1982.

TAYLOR, K. P. "The Application of Communication Theory and Research in the Legal Community," 1982 Convention of The Southern Speech Communication Association, Hot Springs, AR, April 1982.

COMPUTER SCIENCE

ANDREWS, B. D. "What Should Be Included in Computer Literacy Training for Teachers?" Association of Education Data Systems, 20th Annual Convention, Orlando, FL, May 1982.

ANDREWS, B. D., Bird, P., Brushwood, D., Carp, S., Evans, B. and Towle, N. "Issues in Instructional Computing," Florida Instructional Computing Conference, Orlando, FL, February 1982.

Culik, K. and LANG, S. D. "Two Fundamental Numbers of Directed Graphs," 12th Southeastern Conference on Combinatorics, Graph Theory and Computing, Baton Rouge, LA, 1981.

HUGHES, C. E. "The Rascal Animation System," New York Academy of Sciences, New York, NY, August 1981.

HUGHES, C. E. "Computer Animation as a Creative Educational Tool," Florida Instructional Computer Conference, Orlando, FL, February 1982.

ENGLISH

PRICE, M. "Recent Work on the Paragraph," Wyoming Conference on Freshman and Sophomore English, Laramie, WY, July 1981.

SOMMER, B. "The Linguist in an English Department," South Atlantic Modern Language Association, Atlanta, GA, Fall 1981.

SOMMER, B. "A Re-examination of Distributive Be," Southeastern Conference on Linguistics, Atlanta, GA, Fall 1981.

HISTORY

FETSCHER, E. B. "Lager Beer: The Impact of a New Brewing Process on Society," Interface Conference, Marietta, GA, Fall 1981.

MATHEMATICS and STATISTICS

ARMSTRONG, L. H. "Mathematical Modeling: A Summer Course for Gifted High School Students," Florida Section of the Mathematical Association of America, Orlando, FL, March 1982.

Culpepper, B. and SOMERVILLE, P. N. "Choosing the Best Normal Population," Florida Chapter of the American Statistical Association, Orlando, FL, April 1982.

PHYSICS

BRENNAN, J. J. "Science Needs of Students, Society and Schools," Annual Meeting of Florida Association of Science Teachers, Tampa, FL, October 1981.

BRENNAN, J. J. "Preparing Students for the 21st Century," Florida section, American Association of Physics Teachers, DeLand, FL, April 1982.

BRENNAN, J. J. and MEYERS, J. A. "Microcomputers in the Physics Classroom," Florida Instructional Computing Conference, Orlando, FL, February 1982.

BRENNAN, J. J. with NOON, J. H. "Physics at UCF," Tampa section, American Association of Physics Teachers, Tampa, FL, October 1981.

KIRKLAND, E. R. "Dimensional Analysis in Problem Solving," DeLand section, American Association of Physics Teachers, DeLand, FL, April 1982.

LLEWELLYN, R. A., Cook, M. L. and Llewellyn, M. J. "Measurement of Very Low Concentrations of Al 26 in Deep Sea Core Samples," DeLand section, American Association of Physics Teachers, DeLand, FL, April 1982.

MEYERS, J. A. "Computer Modeling Phenomena for Labs on a TI58 Pocket Calculator," DeLand section, American Association of Physics Teachers, DeLand, FL, April 1982.

OELFKE, W. C. and Spetz, G. "A Limited Quantum Non-Demolition Scheme," American Physical Society Conference, New Orleans, LA, November 1981.

REMBIESA, P. "Four Fermion Interaction in the Mean-Field Expansion. Formation of Cooper Pairs in Four Dimensions," DeLand section, American Association of Physics Teachers, DeLand, FL, April 1982.

REMBIESA, P. "Symmetry Breaking Solutions of the Dyson-Schwinger Equation," DeLand section, American Association of Physics Teachers, DeLand, FL, April 1982.

POLITICAL SCIENCE

JOHNSON-FREESE, J. "Reagan and The Reprocessing of Nuclear Fuel: Policy and Problems," Southwest Political Science Association, San Antonio, TX, March 1982.

JOHNSON-FREESE, J. "The NNPA of 1978: Interpretations and Implications," Florida Political Science Association meeting, Tampa, FL, April 1982.

STERN, M. (co-author) "Party Reform and Party Change," Annual Meeting of the Midwest Political Science Association, Cincinnati, OH, April 1982.

PSYCHOLOGY

BLAU, B. I., GUEST, S. S., MCGUIRE, J. M. and Roman, D. "Relationship between Creativity, Intelligence and Sex Roles in College Students," Southeastern Psychological Association (SEPA), New Orleans, LA, March 1982.

BLAU, B. I., MCGUIRE, J. M., FISHER, R. D. and McGolrick, S. "The Relationship Between a Mother's Knowledge of Human Sexual Reproduction and Her Child Rearing Attitudes Towards Her Preschool Child's Emerging Sexuality," Southeastern Psychological Association (SEPA) New Orleans, LA, March 1982.

BLAU, B. I., MCGUIRE, J. M., Taylor, D. "Feedback and Self-Disclosure in Experiential Groups--A Methodology," Florida Psychological Association (FPA), Sarasota, FL, May 1982.

BLAU, B. I., MCGUIRE, J. M., ZEGMAN, M. A. and Rodgers, T. "A Comparison of Current Close Friendships and Lapsed Close Friendships," Florida Psychological Association (FPA) Sarasota, FL, May 1982.

BURR, D. E. S. and Nelson, T. "Handguns in Florida: Patterns of Acquisition, Use and Transfer," Academy of Criminal Justice Sciences, Louisville, KY March 1982.

BURROUGHS, W. A. "Evaluation of a Visual Training Workshop for Professional Baseball Batters," Southeastern Psychological Association (SEPA) New Orleans, LA, March 1982.

BURROUGHS, W. A. and McDonald, E. "The Effects of Local Union Bargaining Strength on Members' Perceptions and Job Satisfaction," Southeastern Psychological Association (SEPA), New Orleans, LA, March 1982.

BURROUGHS, W. A., Tomporowski, P. and Schlessner, F. "Sport and Psychology Symposium," (participant) Southeastern Psychological Association (SEPA), New Orleans, LA, March 1982.

GUEST, S. S. and Givens, L. "Relationship of Sex Role, Sex and Self-Assertion to Perceptions of Assertive and Non-Assertive Behaviors," Southeastern Psychological Association (SEPA) New Orleans, LA, March 1982.

GUEST, S. S., McGUIRE, J. M. and Diebel, A. "Sexual Adjustment and Sex Role Orientation during Pregnancy: A Look at the Husband's Data," Southeastern Psychological Association (SEPA), New Orleans, LA, March 1982.

GUEST, S. S. and Roman, D. "Relationship between Creativity, Intelligence and Sex Role in College Students," Southeastern Psychological Association (SEPA) New Orleans, LA, March 1982.

McGUIRE, J. M. "Innovative Techniques in the Training of Counseling Microskills: The Use of Interactive Videotape," 18th Annual Southeastern Conference of Counseling Center Personnel, Winter Park, FL, October 1981.

McGUIRE, J. M. and Borowy, T. "Levels of Counselor Awareness," Florida Psychological Association (FPA) Orlando, FL, May 1982.

TUCKER, R. D. "How Institutions New to Gerontology Organize a Plan," Southern Gerontological Society, Orlando, FL, June 1982.

ZEGMAN, M. A. "Sex Differences in Assertive Responding Among Preschoolers," Florida Association of Behavior Analysis, Orlando, FL, September 1981.

ZEGMAN, M. A. "Sex Differences in Assertive Responding Among Preschoolers on the Passive-Assertive-Aggressive Continuum," Southeastern Psychological Association (SEPA), New Orleans, LA, March 1982.

ZEGMAN, M. A. "Assessing the Reliability of Subject's Reports of Caloric Intake," Southeastern Psychological Association (SEPA), New Orleans, LA, March 1982.

ZEGMAN, M. A., Baker, B. and Brockert, D. "Adherence to Proximal vs. Distal Calorie Goals in a Behavioral Weight Control Program," Florida Association of Behavior Analysis, Orlando, FL, September 1981.

PUBLIC SERVICE ADMINISTRATION

AMMONS, J. H. "Frostbelt and Sunbelt Cities: A Comparison of Trends," Southwestern Political Science Association, San Antonio, TX, March 1982.

DUFFEY, J. S. "The Federal Role in Juvenile Justice," Southeastern Conference on Public Administration, Jackson, MS October 1981.

SOCIOLOGY

BROWN, W. R., UNKOVIC, C. M. and ALLEN, W. D. "Preliminary Support/Resistance Model in Evaluation Research," Annual Meeting of the Southern Sociological Society, Memphis, TN, April 1982.

JONES, D. E. "Saotome: Twentieth Century Samurai," Southwestern Anthropological Association, Sacramento, CA, Spring 1982.

- KAZMERSKI, K. J. and ABEL, E. M. "Fighting the Undertow of Sexism on the Job and at Home," Florida Association of Health and Social Sciences annual conference, Orlando, FL, October 1981.
- TROPF, W. D. "Father Custody and Middle-class Rebellion," Florida Academy of Sciences 46th annual meeting, Stetson University, DeLand, FL, April 1982.

COLLEGE OF BUSINESS ADMINISTRATION

- ATKINSON, S. "Insider Information and the American Stock Exchange - An Empirical Test," Eastern Finance Association Meeting, Jacksonville, FL, April 1982.
- CALLARMAN, W. and MCCARTNEY, W. "Male/Female Leadership Styles: The Relationship Between Respondents Sex and Academic Majors," Southwestern American Institute of Decision Sciences, Dallas, TX, March 1982.
- CAMPBELL, T. "Anticipated Effects of Florida's 150-hour CPA Law on the Public Accounting Profession," (with Patrick Knipe of Colley, Trumbower and Howell, CPA's), Southeast American Accounting Association, Jacksonville, FL, April 1982.
- CAMPBELL, T. "Heterogeneous Rankings of Accounting Departments Based Upon Publications," Midwest Region American Accounting Association, Chicago, IL, March 1982.
- CAMPBELL, T. and SALTER, J. "A Compilation and Review of Accounting Education in Florida," Association of Accounting Educators, Chicago, IL, August 1981.
- DAVIS, D. and JOYCE, M. "Product Development in Nonprofit Service Organizations," Southern Marketing Association Meeting, Atlanta, GA, November 1981.
- FRITZ, R. "Forecasting Regional Development with Time-Series Data," Florida Forecasters Association Annual Conference, Orlando, FL, May 1982.
- FRITZ, R. and Christensen, P. "Critique and Revisions of Environmental Policy: The Importance of Thermodynamics in Policy Analysis," Southern Regional Science Association, Knoxville, TN, June 1982.
- PHILLIPS, T. "Who's Who: American Accounting Association Southeastern Meetings," American Accounting Association Southeast Regional Meeting, Jacksonville, FL, May 1982.
- RAFFA, F. "Evaluating the Impact of Public Service Employment Programs: The Florida Experience," 1981 Southern Economic Association Annual Meeting, New Orleans, LA, November 1981.

RUNGELING, B. "Health and Earnings in the Rural South," presented at the Western Economics Association Meeting, San Francisco, CA, July 1981.

SALTER, J. "Flowcharts in Accounting Education: A Picture May be Worth a Thousand Words," Thirty-Fourth Annual Meeting of the Southeast Regional Group of the American Accounting Association, Jacksonville, FL, April 1982.

WHITE, K. "Recent Market Research Findings in the Newspaper Industry," American Statistical Association, Florida Chapter, Orlando, FL, April 1982.

VEIT, T. and REIFF, W. "Survey of Commercial Bank Use of Interest Rate Futures as a Hedging Tool in Investment Portfolio Management," Eastern Finance Association Meeting, Jacksonville, FL, April 1982.

XANDER, J. "Econometric Forecasts: Evaluation and Revision," Western Economic Association, San Francisco, CA, June 1981.

XANDER, J. "Ridge Estimation of the Demand for Travel to Florida," Southern Regional Science Association, Knoxville, TN, May 1982.

COLLEGE OF EDUCATION

ANDERSON, B. "Legislated Standards in Teacher Education: Current and Future Issues," Florida State Reading Council 19th Annual Conference, Miami, FL, October 1981.

ANDERSON, B. "Primary Grade Content Reading: Why and How," Seventh Southeastern Regional Conference of International Reading Association, Orlando, FL, February 1982.

ANDERSON, B. "Evaluating Computer Reading Programs," Seventh Southeastern Regional Conference of International Reading Association, Orlando, FL, February 1982.

BARR-JOHNSON, V. "Does Competition Destroy Self-Concept?" Florida Educational Research and Development Council, Orlando, FL, May 1982.

BARR-JOHNSON, V. and Rivell, J. "Does the Research Data Ever Come Home to Roost?" Florida Art Education Association, Cypress Gardens, FL, October 1981.

BIRD, R. "Classroom Photography: A Motivational Technique," Florida Association of Science Teachers Convention, Tampa, FL, October 1981.

BIRD, R. "How Microcomputers Are Being Used in the Science Classroom," Florida Instructional Computing Conference, Orlando, FL, February 1982.

BIRD, R. "Where to Get Micro Information," Florida Instructional Computing Conference, Orlando, FL, February 1982.

- DZUIBAN, C. "An Assessment of the Relationship of Line Length to Reading Comprehension," Southeast Meeting of the International Reading Association, Orlando, FL, February 1982.
- DZUIBAN, C. "Two Factor Leadership Theory--A Myth," Florida Research and Development Council, Orlando, FL, April 1982.
- ESLER, W. "A Physiologically Based Model of Memory Processing," International Reading Association Southeastern Regional Conference, Orlando, FL, February 1982.
- FARDIG, G. "Preparing Teachers for Dealing with Handicapped Learners." Florida Vocational Leadership Workshop Conference, Orlando, FL, August 1981.
- HIGGINBOTHAM, P. "Dances for All Ages," Florida Association for Health, Physical Education, Recreation and Dance, Tampa, FL, October 1981.
- HIGGINBOTHAM, P. "You Can Do It," Feeling Fit, Feeling Fine State Conference, Orlando, FL, March 1982.
- KYSILKA, M. "Establishing a Retrieval System for Individualizing Curriculum," Florida Association of Media in Education Conference, Daytona Beach, FL, October 1981.
- KYSILKA, M. "ACCS and the Media Specialists," Florida Instructional Computing Conference, Orlando, FL, February 1982.
- McGEE, N. "Fantasies of Teaching Composition," Florida Council of Teachers of English, Orlando, FL, October 1981.
- McGEE, N. "Writing in Elementary School," Florida Council on Elementary Education Conference, Tampa, FL, October 1981.
- McGEE, N. "Writing Skill Development," Florida Association for Childhood Education International, Fort Myers, FL, May 1982.
- McGEE, N. "Research in Interdisciplinary Writing," Florida Educational Research and Development Council, Orlando, FL, April 1982.
- MILLER, J. "The Relationship of Length of Line of Print to Rate and Comprehension," International Reading Association Southeastern Regional Conference, Orlando, FL, February 1982.
- OLSON, J. and MIDGETT, J. "Using Science to Teach Problem Solving to SLD Students," Florida Science Convention, Orlando, FL, October 1981.
- OLSON, J., MIDGETT, J. and Hornbeck, D. "Techniques for LD Students," Florida Council for Exceptional Children, Orlando, FL, October 1981.
- OLSON, J., MIDGETT, J. and Hornbeck, D. "Reading Comprehension: Application of Games and Creative Drama Techniques," International Reading Association Southeastern Regional Reading Conference, Orlando, FL, February 1982.

- OLSON, J., MIDGETT, J. and LEU, M. "A Critical Review of Mainstreaming Practices," Florida Educational Research and Development Council, Orlando, FL, April 1982
- OLSON, J., MIDGETT, J. and Matuskey, P. "Teacher Burnout," State Association of Children with Learning Disabilities, Orlando, FL, October 1981.
- ROTHERBERG, R. "What Research Says About Teacher Motivation," Florida Educational Research and Development Council, Orlando, FL, April 1982.
- TOLER, D. "Training Programs for School Media Specialists," Florida Department of Education, Division of Media Services, Supervisors' Conference, Tallahassee, FL, September 1981.
- TOLER, D. "A Micro for the Media Specialist: A Survey of Applications," Florida Instructional Computing Conference, Orlando, FL, February 1982.
- TOLER, D. "Perceptual Mode: Where Have All the Haptics Gone?" Florida Educational Research and Development Council, Orlando, FL, April 1982.

COLLEGE OF ENGINEERING

- BISHOP, P. J., CARPENTER, H. and MINARDI, A. "A Model for the Economic and Energy Savings Implications of Cogeneration with Steam Turbines in Citrus Engineering Plants," Southeastern Seminar on Thermal Sciences, Miami, FL, April 1982.
- DOERING, R. D. "An Evaluation of a Slurry Solid Waste System for Food Facilities," Society for the Advancement of Food Services Research Annual Conference, Sam Houston State University, Huntsville TX, April 1982.
- DOERING, R. D. and HOSNI, Y. A. "Monitoring and Evaluating Systems for Measuring Energy Conservation in Florida Residences," Florida Academy of Sciences, DeLand, FL, April 1982.
- HAGEDOORN, A. H. "Metal Fatigue in Engineering Design," Florida Academy of Sciences, DeLand, FL, April 1982.
- HEAD, C. M. "Drought and Recent Sinkhole Occurrence in Orange and Seminole Counties, Florida," Southeastern District, Association of American Geographers Convention, Atlanta, GA, November 1981.
- HOSNI, Y. A. "Project Management Under Resources Constraints," 46th Annual Meeting Florida Academy of Sciences, DeLand, FL, April 1982.
- HOSNI, Y. A. et al. "Computerized Model for Production Facilities Layout Evaluation," Florida Academy of Sciences, DeLand, FL, April 1982.

- Jellerson, D. B., HARPER, H. H. and YOUSEF, Y. A. "Inactivation of Phosphorus Release from Bottom Sediments by Water Treatment Plant Sludges," 45th Annual Florida Academy of Sciences, Orlando, FL, April 1981.
- METWALLI, S. M. "Transient and Steady State Equivalence of Dynamic Systems," Florida Academy of Sciences, Deland, FL, April 1982.
- MOSLEHY, F. "The Method of a Boundary-Integral Equation: A Simple and Efficient Tool for Solving Applied Mechanics Problems," Florida Academy of Sciences, DeLand, FL, April, 1982.
- SIMONS, JR., F. O. and HARDEN, R. C. "HP-41 Interrelated Programs for Checking Stability, Relative Stability and and Response Times of Linear System Designs," 14th Southeastern Symposium on System Theory, Virginia Polytechnic Institute and State University, Blacksburg, VA, April 1982.
- SIMONS, JR., F. O., HARDEN, R. C. and Shaver, H. H. "Intel 2920, A Single Chip Signal Processor-Promising, But Be Careful," Southcon/82, Orlando, FL, March 1982.
- Skene, E. T., HARPER H. H. and YOUSEF, Y. A. "Heavy Metals in Flood Plains Receiving Highway Bridge Runoff," Annual Meeting of Florida Academy of Science, University of Central Florida, Orlando, FL, April 1982.
- TAYLOR, J. S. "Comparison of Coagulation and Detention to Detention Only of Stormwater Runoff from an Unbalanced Basin," Florida Association of Water Works Annual Technical Conference, Miami Beach, FL, November 1982.
- WANIELISTA, M. P. "Stormwater Management Calculations," State Department of Environmental Regulation Stormwater Meeting, Tallahassee, FL, May 1982.
- WANIELISTA, M. P. "Stormwater Management and Regulations," Florida Engineering Society Annual Meeting, Marco Island, FL, August 1981.
- WANIELISTA, M. P. "Strategies for Stormwater Management," Florida Section, American Water Works Association and Pollution Control Association 1981 Joint Annual Conference, Miami Beach, FL, November 1981.

COLLEGE OF HEALTH

- BOLLINGER, R. L. "Communication Disorders of the Elderly," Florida Language, Speech and Hearing Association Fall Meeting, Winter Park, FL, October 1981.
- BOLLINGER, R. L. and UTT, H. "Communication Behaviors of Institutionalized and Non-Institutionalized Elderly," Florida Language, Speech and Hearing Association Spring Meeting, St. Petersburg, FL, May 1982.

ELDER, O. C., JR. "Health Care and the Elderly: What We Have To Look Forward To," Florida Language, Speech and Hearing Association Fall Conference, Winter Park, FL, October 1981.

INGRAM, D. B. "An Innovative Use of Media in Administration," Annual Convention of Southeast Conference of Health, Education, Media Association, Daytona Beach, FL, October 1982.

UTT, H. "The Cutting Edge of Audiology," Florida Language, Speech and Hearing Association Spring Meeting, St. Petersburg, FL, May 1982.

PRESENTATIONS

at a Regional or State Professional Society Meeting

COLLEGE OF ARTS AND SCIENCES

BIOLOGICAL SCIENCES

GENNARO, R. N. and WODZINSKI, R. J. "Energy Recovery by Anaerobic Digestion," Florida Pollution Control Association, Florida Water and Pollution Control Operators Association (Joint Annual Conference). Miami Beach, FL, November 1981.

Klotz, S. D., SWEENEY, M. J., Klotz, L. R., Moeller, R. K. and Rosenberg, S. "Systemic Anaphylaxis Immediately Following Delayed Hypersensitivity Skin Test," The American College of Allergy, Bal Harbour, FL, January 1982.

Mulligan, T. J. and SNELSON, F. F., JR. "An Ecological Study of the Epibenthic Fish Populations Inhabiting the Indian River Lagoon System," Florida Indian River System Information Symposium, Melbourne, FL, November 1981.

OSBORNE, J. A. "Preliminary Results of Vegetation Control Using F Hybrid Grass Carp," Fifth Annual Meeting of the Florida Aquatic Plant Management Society, Inc., Orlando, FL, October 1981.

OSBORNE, J. A. "Aquatic Plant Management and Ecology with Respect to the Limnology and Improvement of Water Quality in Florida Fresh-Water Lakes," Aquatic Weed Research and Extension Review and Coordination Meeting, Center for Aquatic Weeds, Institute of Food and Agricultural Sciences, University of Florida, Orlando, FL, October 1981.

STOUT, I. J. "Conservation of Sand Pine Scrub Communities," Annual Meeting, Florida Native Plant Society, U. of Florida, May 1982.

CHEMISTRY

CUNNINGHAM, G.N. "Biochemistry of Insect Development," Agriculture Research Division - Dow Chemical Co. - Walnut Creek, CA, July 1981.

Finkbohner, J., CUNNINGHAM, G. N. and KUHN, D. T. "Tissue Distribution of Malic Enzyme - NAP+ in Drosophila," American Cancer Society Research Seminar, 5th Annual, Orlando, FL, February 1982.

IDOUX, J. P. "Structure-Property Studies of Carboxamides," Research Staff of Dow Chemical Company, Agricultural Products Research Center, Walnut Creek, CA, July 1981.

KUJAWA, F. B. "Geology of Central Florida's Sinkholes through Multi-screen Panoramas," (1) Florida Association of Science Teachers, Tampa, FL, October 1981, given twice, (2) FSU Geology Department and Sigma Xi, Tallahassee, FL, March 1982, (3) Florida Academy of Sciences, DeLand, FL, April 1982.

MADSEN, B. C. "Acid Rain," Daytona Beach Community College Science Faculty Seminar Series, Daytona Beach, FL, December 1981.

COMMUNICATION

- DAVIS, R. H. "Creativity and PR," Lake Highlands Chapter of Florida Public Relations Association, Orlando, FL, (1981).
- HOSOKAWA, R. "Educating the Public Relations Professional," International Association of Business Communicators, Minneapolis, St. Paul, MN, Spring 1982.
- TAYLOR, K. P. "The Three A's for Communication Researchers," Speech Communication Faculty and Students at Indiana University, Bloomington, IN, December 1981.

ENGLISH

- OMANS, S. E. "Shylock: On The Outside Looking In," Brandeis University National Womens Committee, Boston, MA, November 1981
- OMANS, S. E. "Shakespeare's Language and What It Tells Us About Character Movement," Volusia Educational Development Center, Volusia County, FL, February 1980

HISTORY

- PAULEY, B. F. "Folmen des Antisemitismus in Österreich, 1914-1938," Historical Institute, University of Salzburg, Austria, June 1982.

PHYSICS

- BRENNAN, J. J. "LOGO Computer Language for Primary Schools," Orange County Directors of Elementary Schools, Orlando, FL, September 1981.
- OELFKE, W. C. "Student Seminar on Quantum Non-Demolition," NATO Conference, Bad Windsheim, Germany, August 1981.
- REMBIESA, P. "Mean Field Expansion in Quantum Field Theory," University of Georgia, Athens, GA, January 1982.

PSYCHOLOGY

- BURROUGHS, W. A. "Visual Training and Athletic Performance" Central Florida Chapter of the National Society for Performance and Instruction (NSPI), Orlando, FL, October 1981.
- McGUIRE, J. M. "Children's Sexuality," Understanding Children Seminar Series, Florida Hospital, Orlando, FL, Fall 1981.

PUBLIC SERVICE ADMINISTRATION

- DUFFEY, J. S. "Organizational Conflict and Affirmative Action," City of Melbourne Workshop for Department Heads and Administrators, February 1982.

PYLE, R. C. "Ethnographic Methodology in Personnel Studies: Gainesville Police Validation Project," Florida Public Personnel Association meeting, St. Augustine, FL, 1981.

SLAUGHTER, D. B. "Legal Rights of Gay Persons," Northeast Orange Mental Health Center, March 1982.

SOCIOLOGY

GREEN, C. E. "Interviewing in Program Monitoring," Human Services Planning Council Evaluation Committee, Orlando, FL, March 1982.

GREEN, C. E. "Brief Psychotherapy with Black Clients," Southwest Community Mental Health Center, Inc. Orlando, FL, October 1981.

GREEN, C. E. and KAZMERSKI, K. J. "Burnout: Detection and Intervention," Florida Association for Hospital Social Work Directors, Orlando, FL, November 1981.

COLLEGE OF BUSINESS ADMINISTRATION

FRITZ, R. "Economic Modeling of the Impact from Tourism Expenditures," Thirteenth Annual Pittsburgh Conference on Modeling and Simulation, University of Pittsburgh, April 1982.

FRITZ, R. and Haulman, C. "Hildebrand and Schumpeter on Economic Development and Financial Institutions," History of Economics Society, Duke University, May 1982.

COLLEGE OF EDUCATION

BIRD, R. "Assertive Discipline," Science Mini-Convention, Seminole County, FL, August 1981.

FARDIG, G. "Performance-Based Vocational Teacher Education in Florida," Program Directors Meeting, Florida State Department of Education, Tallahassee, FL, December 1981.

ROTHERBERG, R. "Individualizing Professional Development," Brevard Teacher Education Council, FL, July 1981.

COLLEGE OF ENGINEERING

HARPER, H. H., WANIELISTA, M. P. and YOUSEF, Y. A. "Stormwater Control Around Lake Eola," Stormwater Quality Control Seminar, Orlando, FL, November 1981.

- HOSLER, E. R. and MILLER, R. N. "Technical Education for the Non-Technical Student," University of Rhode Island, Providence, RI, August 1981.
- KERSTEN, R. D. "Liberal and Professional Undergraduate Education: The Critical Mix," Annual Meeting, Arts and Science Deans of Florida, Gainesville, FL, February 1982.
- TAYLOR, J. S. "Treatment of Industrial Wastes," American Electroplaters Association - Orlando Chapter, Orlando, FL, February 1982.
- WANIELISTA, M. P. "Lake Tohopekaliga Nonpoint Source Management," South Florida Water Management District Board Meetings in West Palm Beach and Orlando, FL, July 1981.
- WANIELISTA, M. P. "Stormwater Management and Flood Control," St. John's Water Management District, Palatka, FL, October and November 1981.
- WHITEHOUSE, G. E. "What's New in Network Analysis?" Seminar for Kodak Engineers, Rochester, NY, October 1981.
- WHITEHOUSE, G. E. "What's New in Micros?" Seminar for Tennessee Eastman Industrial Engineers, Kingsport, TN, June 1982.
- WHITEHOUSE, G. E. and HOSNI, Y. A. "Microcomputers for Industrial Engineering (IE) Applications," 45th Annual Institute of Management Systems Clinic, Chicago, IL, February 1982.

COLLEGE OF HEALTH

- DOUGLASS, S. "Winter Inspiration," Michigan Society for Respiratory Therapy, Boyne Mountain, MI, February 1982.
- ELDER, O. C., JR. "Status of School of Public Health in Florida," Central Florida Regional Meeting of the Florida Public Health Association, Orlando, FL, March 1982.

GRANTS AND CONTRACTS

EXTERNALLY FUNDED AWARDS

COLLEGE OF ARTS & SCIENCES

Principal Investigator	Project Title	Amount	Agency
Abbott, D. W.	Artificial Intelligence	\$ 201,992	DOD/NTEC
Abbott, D. W.	Speech Recognition	\$ 40,000	DOD/NTEC
Abbott, D. W.	NAVCAD Selection	\$ 66,990	DOD/NTEC
Bledsoe, R. L.	Advanced Research Fellow	\$ 500	DOD/Army
Brown, W. R.	Food Service	\$ 5,000	Seminole Co.
Cook, I. J.	DDB Survey	\$ 1,000	DDB
Cook, I. J.	Orange Co. Survey	\$ 5,000	TSA
Cook, I. J., Washington, J. T.	Black Income Community	\$ 12,000	United Way
Crepeau, R. C.	Sport & Catholic Ed.	\$ 1,000	Cushwa Ctr.
Driscoll, J. R.	AES Agreement	\$ 980	AES, Inc.
Duffey, J. S.	Government Center	\$ 44,500	SUS Int.
Ehrhart, L. M.	Turtle Documentation	\$ 2,247	Sea Turtle Res.
Fernandez, J. B.	Battle of Pensacola	\$ 1,200	APS
Guha, R., Driscoll, J.	Microprocessor Design	\$ 29,986	NSF
Gupton, J., Cunningham, G., Idoux, J. P.	Formamide Insect.	\$ 18,000	Dow Chemical Co.
Hampton, M. D.	Observation of CIDNP	\$ 5,000	Research Corp.
Hampton, M. D., Gupton, J. T.	ACS Meeting	\$ 181	ACS
Hartman, S.	Florida Poetry FY82	\$ 2,500	FFAC
Idoux, J. P.	Molecular Oxygen	\$ 13,000	A. Chem S.
Idoux, J. P.	FLUORO-PAG	\$ 1,500	DOD/NRL
Idoux, J. P.	PEG - Transducer Liquids	\$ 6,883	DOD/NRL
Idoux, J. P., Gupton, J., Cunningham, G. N.	Ammonium Compounds	\$ 9,000	Dow Chemical
Kallina, E. F.	Governor Kirk	\$ 450	SREB
Kazmerski, K.	Social Work FY82	\$ 32,553	FL/HRS
Korstad, R., Morgan, J. P.	Kissimmee Police	\$ 3,500	Kissimmee
Kuhn, D. T.	Hoyt Fellowships FY82	\$ 3,600	ACS
Kuhn, D. T.	Drosophila FY82	\$ 64,329	NIA
Madsen, B. C.	Acid Rain	\$ 1,847	NASA
McGee, W. W.	Analysis of Elastomers	\$ 47,336	DOD/NRL
McGee, W. W.	Chromatography System	\$ 9,940	DOD/NRL
Miller, H. A., White, R. S.	Phytochemical Research II	\$ 1,500	R. L. Martin
Morales, W. Q.	Islam, Middle East	\$ 1,500	AASCU-NEH
Morales, W. Q.	Bolivian Research	\$ 1,250	FL Consortium
Morales, W. Q.	Media Coverage	\$ 600	SREB
Oelfke, W. C.	Harmonic Oscillator	\$ 25,000	NBS
Oelfke, W. C.	Gravity Wave Detection	\$ 3,960	NSF
Omans, S. E.	Shakespeare Performance	\$ 2,000	NEH
Omans, S. E.	NJROTC Workbook	\$ 29,991	DOD/NTEC
Osborne, J. A.	Sonar Effect on Plants	\$ 11,928	FL/DNR
Somerville, P. N.	Reg. Climatic Models	\$ 50,000	DOD/USAF
Stearman, A. M.	Siriono' Indians	\$ 1,100	Amazon Research
Stearman, A. M.	Siriono' Indians II	\$ 600	UF/FLU
Stern, M.	Democratic State	\$ 2,500	NEH
Stout, I. J.	Sand Pine Scrub Plants	\$ 2,000	US Fish & Wildlife

COLLEGE OF ARTS & SCIENCES (continued)

Principal Investigator	Project Title	Amount	Agency
Sweet, H. C.	Lab Exercises	\$ 24,963	NSF
Taylor, W. K.	Ornithological Research	\$ 1,000	Mr. Adamson
Thomas, M. H.	Arousal Behavior II	\$ 23,063	NIMH
Unkovic, C. M.	Jewish Prison Study	\$ 200	SREB
Unkovic, C. M.	Alcohol Awareness FY82	\$ 700	WCTU
Whisler, B. A.	Beethoven Symphonies	\$ 2,500	NEH
		\$ 818,369	

COLLEGE OF BUSINESS ADMINISTRATION

Principal Investigator	Project Title	Amount	Agency
Bogumil, W. A.	Dept. Chairpersons	\$ 2,000	FL/DOA
Bogumil, W. A.	Disadvantaged Train/Op	\$ 21,538	Orange Co.
Campbell, T. L.	Martin Business	\$ 10,328	Martin Marietta
Davis, D. L.	Tourism Forecast	\$ 21,000	FL/DOC
Eubanks, C. L.	SBAA Expenses	\$ 1,000	SBAA
Eubanks, C.L.	American Private Enterprise	\$	35,000 UCF Fdn.
Fritz, R. G.	Bus. Barometer FY82	\$ 12,466	Sun Bank
Rubin, R. S.	Development Center FY82	\$ 104,485	UWF
Rubin, R. S.	Bus Institute FY81	\$ 4,750	UWF
Rubin, R. S.	Bus Institute FY82	\$ 12,500	UWF
Schou, C.	MIS Development System	\$ 22,000	DOD
		\$247,067	

COLLEGE OF EDUCATION

Principal Investigator	Project Title	Amount	Agency
Bollet, R. M., Percy, L. E.	Career Resource FY82	\$ 3,675	FL/DOE
Cowgill, R. G.	Voc Ed Training	\$ 7,697	FIU
Cowgill, R. G.	Teacher Ed Ctrs FY83	\$ 181,862	FL/DOE
Cowgill, R. G.	Teacher Ed. Centers FY82	\$ 200,460	FL/DOE
Esler, W. K.	Sea Grant Seminars	\$ 14,000	Sea Grant
Fardig, G. E.	Voc Ed/Handicapped	\$ 6,964	FL/DOE
Fardig, G. E.	Vocational Teacher FY82	\$ 50,000	FL/DOE
Martin, R. D.	Teacher Support FY82	\$ 21,000	FL/DOE
Park, M. L.	Clinical Update	\$ 3,500	FL/DOE
Park, M. L.	Health Service Aides	\$ 3,498	FL/DOE
Paugh, R.	Auto Mechanics FY82	\$ 8,200	FL/DOE
Paugh, R.	Industrial FY83 A	\$ 1,732	FL/DOE
Paugh, R.	Industrial FY83 B	\$ 1,018	FL/DOE
Paugh, R.	Support Services FY81	\$ 10,000	FL/DOE

COLLEGE OF EDUCATION (continued)

Principal Investigator	Project Title	Amount	Agency
Paugh, R.	Teach/Disadvantaged FY82	\$ 3,825	FL/DOE
Siebert, B. W.	Business/Office	\$ 1,500	FL/DOE
Siebert, B. W.	Student Activities FY82	\$ 22,854	FL/DOE
Sorg, S. E.	Leadership Comp. FY82	\$ 10,000	FL/DOE
Sorg, S. E.	TE Support Services FY83 A	\$ 3,500	FL/DOE
Sorg, S. E.	TE Support Services FY83 B	\$ 17,500	FL/DOE
		\$ 572,785	

COLLEGE OF ENGINEERING

Principal Investigator	Project Title	Amount	Agency
Bauer, C. S.	Prod Systems Model	\$ 40,000	Martin Marietta
Bauer, C. S.	Prod. Systems Model	\$ 4,750	Martin Marietta
Bauer, C. S.	EIES CAM Systems	\$ 8,057	UCF/EIES
Bauer, C. S., Belkerdid, M.	Electronic DP	\$ 11,686	FL/LES
Bishop, P. J., Minardi, A.	EIES - Cogen Systems	\$ 8,504	UCF/EIES
Bishop, P. J., Minardi, A.	EIES - Cogen Systems	\$ 4,556	UCF/EIES
Brooks, G. H.	EIES-Production Systems	\$ 4,768	UCF/EIES
Carroll, W. E.	EIES - Vibrating Systems	\$ 4,091	UCF/EIES
Cooper, C. D.	EIES - Haz Org Vapors	\$ 10,715	UCF/EIES
Cooper, C. D., Taylor, J. S.	Eastern Coals	\$ 60,700	EPA
Denning, R. G., Doering, R. D.	Campus Energy Audit	\$ 10,033	DOE
Erickson, E. E.	EIES VAX Data Aids	\$ 15,000	DOD/NTEC
Erickson, E. E.	EIES Topographic Data Base	\$ 13,747	DOD/NTEC
Erickson, E. E.	EIES-EMW Scattering II	\$ 4,960	UCF/EIES
Erickson, E. E., Simons, F. O.	EIES Micro Breadboard	\$ 7,493	DOD/NTEC
Gunnerson, F. S.	Critical Heat Flux	\$ 5,000	EG&G Idaho
Gunnerson, F. S.	Heat Flux Mapping	\$ 30,462	EG&G Idaho
Gunnerson, F. S.	EIES Heat Flux	\$ 2,374	UCF/EIES
Harris, M. G.	EIES - Data Acquisition	\$ 3,599	UCF/EIES
Hartman, J. P.	EIES-CUTHA	\$ 500	Stevens Inst.
Hartman, J. P.	EIES-CUTHA	\$ 1,500	Stevens Inst.
Hartman, J. P.	EIES - Sinkhole Modeling	\$ 11,180	UCF/EIES
Hosler, E. R.	Steam Generator	\$ 36,024	EPRI
Hosler, E. R.	EIES - Steam Generator	\$ 4,960	UCF/EIES
Hosni, Y. A.	EIES Computer Authoring	\$ 38,961	DOD/NTEC
Jackson, E.	EIES - Highway Construct	\$ 1,290	UCF/EIES
Jenkins, D. R.	Concrete Slabs	\$ 9,921	NBS
Jenkins, D. R.	EIES - Wind Loading	\$ 5,130	UCF/EIES
Jenkins, D. R.	EIES-Crack Propagation	\$ 4,720	UCF/EIES
Klee, H. I.	EIES-Energy Models	\$ 3,036	UCF/EIES
Kuo, S. S.	EIES - Sinkhole Detect	\$ 4,356	UCF/EIES
Linton, D.	EIES Cost to Train Mod B	\$ 25,000	DOD/NTEC

COLLEGE OF ENGINEERING (continued)

Principal Investigator	Project Title	Amount	Agency
Linton, D. G.	Manpower System	\$ 44,999	DOD/NTEC
Linton, D. G.	QM Learning Modules	\$ 10,000	DOD/NTEC
Linton, D. G.	EIES Simulation Model	\$ 15,000	DOD/NTEC
Metwalli, S. M.	EIES - Linear Systems	\$ 6,150	UCF/EIES
Metwalli, S. M., Moslehy, F. A.	Conical Shock Tube	\$ 17,184	DOD/NRL
Miller, R. N.	EIES - Microelect Systems	\$ 9,471	UCF/EIES
Moslehy, F. A.	EIES-Exper. Mechanics II	\$ 3,100	UCF/EIES
Nuckolls, C. E.	Crashworthiness	\$ 37,191	FAA
Palmer, C.	EIES Detention Operation	\$ 1,203	UCF/EIES
Patz, B. W.	EIES Intermediate Planes	\$ 18,982	DOD/NTEC
Patz, B. W.	EIES - CIG Systems	\$ 9,513	UCF/EIES
Patz, B. W.	EIES - Computer Image	\$ 16,812	UCF/EIES
Patz, B. W.	EIES - REAL SCAN II	\$ 9,257	UCF/EIES
Petrasko, B. E.	Digital Communication	\$ 61,822	NASA
Petrasko, B. E.	EIES - Digital Commun.	\$ 5,115	UCF/EIES
Phillips, R. L.	Fiber Optic Gyros	\$ 45,000	Martin Marietta
Phillips, R. L.	EIES - Pressure Probe	\$ 3,709	UCF/EIES
Phillips, R. L.	EIES/USRD Shock Wave	\$ 21,000	DOD/NTEC
Pozefsky, A.	STAC V	\$ 28,307	UF
Schrader, G. F., Burr, J. R.	SATD Task Force	\$ 24,984	DOD/NTEC
Schrader, G. F., Mathews, B. E.	Martin Industrial Asso.	\$ 50,000	Martin Marietta
Sepulveda, J. A.	EIES Health Systems	\$ 3,260	UCF/EIES
Simons, F. O.	EIES ASW Target	\$ 25,000	DOD/NTEC
Simons, F. O.	EIES CTOL/VTOL Visual Sys.	\$ 99,764	DOD/NTEC
Simons, F. O.	EIES Ikonas Graphics	\$ 24,744	DOD/NTEC
Simons, F. O.	EIES/Real-Time Video	\$ 12,826	DOD/NTEC
Smith, L.	EIES Training Assessment	\$ 2,000	UCF/EIES
Smith, R.	Drinking Water	\$ 125,699	EPA
Taylor, J. S.	Precursor Removal II	\$ 78,887	EPA
Towle, H. C.	EIES-Design Analysis	\$ 3,345	UCF/EIES
Towle, H. C.	EIES STAGS Analysis	\$ 39,771	DOD/NTEC
Walker, R. L.	FSEC Subcontract	\$ 4,010	FSEC
Walker, R. L.	FSEC Walker Salary	\$ 13,601	FSEC
Walters, R.	EIES - Optical Sensors	\$ 7,379	UCF/EIES
Wanielista, M. P.	EPA Fellowship	\$ 1,320	FL/DER
Wanielista, M. P.	Storm Water Practices	\$ 42,347	SFWM
Whitehouse, G. E.	EIES Cost to Train Mod A	\$ 15,000	DOD/NTEC
Whitehouse, G. E.	EIES General Flow	\$ 8,700	DOD/NTEC
Whitehouse, G. E.	Reentry Program/Women	\$ 3,000	Poly Inst NY
Whitehouse, G. E.	EIES - Microcomputers	\$ 7,692	UCF/EIES
Yousef, Y. A.	Heavy Metals FY82	\$ 25,000	FL/DOT
Yousef, Y. A., Wanielista, M. P.	Management Practices	\$ 40,655	FL/DOT
Yousef, Y. A.	EIES-Wtr Runoff Match	\$ 7,300	UCF/EIES
		\$1,427,172	

COLLEGE OF HEALTH

Principal Investigator	Project Title	Amount	Agency
Eldredge, L. E.	BS Nursing FY82	\$ 84,695	PHS
Eldredge, L. E.	Capitation FY82	\$ 8,718	PHS
		\$ 93,413	

FLORIDA SOLAR ENERGY CENTER

Principal Investigator	Project Title	Amount	Agency
Block, D. L.	Solar Standards	\$ 175,000	SERI
Cromer, C. J.	Mobile Home Testing	\$ 37,075	FL/PSC
Fairey, P.	Ventilated Walls LSU	\$ 5,000	LSU
LaHart, D. E.	Energy Institute	\$ 19,554	DOE
Merrigan, T.	Water Heating	\$ 6,562	FL/PSC
Roland, J. D.	DOE Testing	\$ 22,000	DOE
Roland, J. D.	Jet Prop Lab Testing	\$ 6,000	Jet Prop Lab
Roland, J. D.	Labs Testing	\$ 5,000	Labs
Roland, J. D.	Collector Testing	\$ 100,000	Various Sources
Tiedemann, T.	Shell Poly Pipe Test	\$ 6,200	Shell Chemical
Ventre, G. G.	FL Energy Workshops	\$ 81,497	Various Sources
		\$ 463,888	

OTHER RESEARCH EFFORT

Principal Investigator	Project Title	Amount	Agency
Amico, V.	Trident Support	\$ 2,412	DOD/NTEC
Arnold, R. L.	Faculty Conference UF	\$ 250	UF
Arnold, R. L.	Science Club Slides	\$ 146	Evans HS
Arnold, R. L.	4-H Teen Club	\$ 200	Seminole Co.
Balanoff, J. P.	Membership Newsletter	\$ 200	FAEOP
Balanoff, J. P.	Kurzweil Reading Machine	\$ 30,000	Xerox
Belle, R. L.	Florida EOP FY 82	\$ 9,164	FL/DOE
Blount, G. W.	War Game Prototype	\$ 48,671	DOD/NTEC
Blount, G. W., Johnston, M. A.	Tanker War Game	\$ 107,369	DOD/NTEC
Ford, N.	Special Services	\$ 83,512	ED
Hutchinson, C. J.	1982 Gov. Conference	\$ 5,000	FEH
Johnston, M. A.	Job Aids-Sea Sparrow	\$ 50,995	DOD/NTEC
Johnston, M. A.	Multiple War Game Systems	\$ 315,000	DOD/NTEC
Johnston, M. A., Rosendahl, G.	"WIDE" Analysis	\$ 10,000	DOD/NTEC
McQuilkin, P. R.	Gifted Students FY83	\$ 32,108	FL/DOE
Pinder, F. A.	CHOICES	\$ 4,410	FL/DOE

OTHER RESEARCH EFFORT (continued)

Principal Investigator	Project Title	Amount	Agency
Tubbs, L.	Martin Marietta FY82	\$ 764,486	Martin Marietta
Tubbs, L.	VCIP Program FY82	\$ 18,942	ED
Tubbs, L.	VCIP Program FY83	\$ 11,174	ED
Walker, L. W.	Library Resources	\$ 1,200	ED
Walker, L. W.	Library Tech Info Ctr	\$ 19,200	DOD/NTEC
Walker, L. W.	Tech Info Center	\$ 9,584	DOD/NTEC
Walker, L. W.	Tech Info Center III	\$ 57,416	DOD/NTEC
Walker, L. W.	Library Resources FY83	\$ 840	ED
Walker, L. W.	Interlibrary Coop FY82	\$ 6,275	FL/Library
		\$1,588,554	

INTERNALLY FUNDED AWARDS

COLLEGE OF ARTS & SCIENCES

Ammons, James H. Reaganomics: The Initial Impact on City Governments	\$4,945
Bassiouni, Mostafa A. File-Acess Modeling and Its Use in Efficient System Design	\$1,900
Brigham, Robert C. Enhancement and Employment of an Interactive Graph Invariant Delimiter	\$5,243
Charba, Julius F. A Study of the Natural Reservoir and the Transmission Mechanism of <u>Chromobacterium violaceum</u> in Central Florida	\$5,000
Clausen, Chris A. The Development of a Methodology Base for Identifying Tire Skid and Scuff Marks	\$6,801
Crepeau, Richard C. Sport and Catholic Higher Education in America	\$4,485
Cunningham, Glenn Biochemistry of Development in <u>Drosophila</u>	\$4,700
Ehrhart, L. M. History and Ecology of Marine Turtle Populations of the Indian River System	\$4,485
Gomez, Fernando Automatic Programming	\$4,977
Hall, Joe A Quantitative Analysis of Local Television News Content as a Function of Format Length	\$3,518
Handberg, Roger Determinants of Jail Violence	\$3,600
Kuhn, David T. Introduction of Tumorous-Head Mutations in <u>Drosophila</u>	\$5,000
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Meyers, Jeffrey A. Doping of Organic Polymer Heterojunctions Which May Serve as Solar Cells	\$3,837
Miller, Harvey A. A New Phylogenetic Moss Classification	\$6,345

COLLEGE OF ARTS & SCIENCES (Continued)

Morales, Waltraud Q. Television News Reporting on Latin America	\$3,282
Pauley, Bruce A. In the Shadow of Death: Austria's Jews, 1914-1938	\$5,920
Pryor, Bert Dynamism as an Intensifier of Source Credibility	\$4,807
Schiffhorst, Gerald J. The Cardinal Virtue Tradition and Milton's Concept of Heroism in <u>Paradise Lost</u>	\$4,332
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Sommer, Elisabeth The Ann Arbor Ruling on Black English and Teacher Education in the South	\$1,463
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Turnage, Janet J. The Relationship of Race and Sex Differences to Assessment Center Ratings and Subsequent Performance Evaluations	\$3,837
Vickers, David H. Temperature Sensitivity of a Newly Isolated Lethal Mutant of <u>Drosophila</u>	\$5,000
Wellman, Charles W. University Collection	\$2,800
Whisler, Bruce A. Key Relationships and the Element of Surprise in Beethoven	\$2,000
White, Roseann S. Identification of Flavonoids in Selected Plants/Implications for Evolutionary Relationships and Basic Phytochemistry	\$4,563
Whittier, H. O. Analytic Biogeography of Discontinuous Tropical Pacific Land Masses: Computer Testing and Modeling from Real Data	\$2,000
Wooten, William Analyzing the Homemaker Job Using Multimethod Job Analysis and Factor Analysis	\$3,706
Zegman, Marilyn A. Determining and Enhancing the Accuracy of Subjects' Reports of Caloric Intake	\$5,000
30	\$128,109

COLLEGE OF BUSINESS ADMINISTRATION

Fritz, Richard G.	Seasonal Adjustment Methods for Regional Economic Data	\$3,093
Gillett, Peter L.	Shopping Patterns of Mexican-American Households	\$2,370
Klock, David R.	The Demand for Dental Services Under a Prepaid Agreement	\$5,718
McNiel, Douglas W.	An Empirical Test of the Theory of Self-Regulation	\$4,485
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4		\$15,666
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COLLEGE OF EDUCATION

Hernandez, David E.	Development of an Ethnometric Model for Pre-Selection of Public Sector Employees	\$6,456
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Lange, Robert R.	Validation of Levels of Use Instrument	\$3,173
Thompson, Richard A.	Relative Effectiveness of Computer Assisted Instruction to Teach 5th Graders Reading Comprehension Skills/Spelling Words	\$2,450
Toler, Donna J.	The Microcomputer and the School Media Center: Current and Potential Applications	\$1,952
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5		\$19,031
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COLLEGE OF ENGINEERING

Kuo, Shiou-San	A Design Method to Prevent Rutting and Shoving for Bituminous Concrete Pavements	\$5,000
Metwalli, S. M.	Transient Response Evaluation from Steady State Spectral Output of Dynamic Systems	\$5,000

COLLEGE OF ENGINEERING (continued)

Moslehy, Faissal A. Computer Aided Data Analysis in Laser Speckle Metrology and Application in Engineering	\$4,408
Sepulveda, J. A. Hospital Short-Term Planning Via Patient Census Forecast	\$5,522
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4	\$19,930
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COLLEGE OF HEALTH

Bollinger, Rick L. The Effect of a Computer-Based Small Step Program on the Graphic Output of Chronically Aphasic Adults	\$3,714
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1	\$3,714
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