

1982

College of Arts and Sciences summary of research and creative activities, July 1, 1981 to June 30, 1982

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College of Arts & Sciences

Summary of Research & Creative Activities

JULY 1, 1981 to JUNE 30, 1982



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INTRODUCTION

It is a pleasure to present the enclosed Summary of Faculty Research and Creative Activities which have occurred in the College of Arts and Sciences during the 1981-82 fiscal year. This year, only the second of the College's existence as a new academic unit in the University, has continued as an extremely productive one in the research and creative activities area and is highly characteristic of established traditions throughout the College.

As indicated by the various tabulated listings, fifty new external research and training grants or contracts were funded during 1981-82 for a total of \$957,377 and twenty-six projects representing \$1,042,758 of external funding received prior to 1981-82 were still active during the year. This year's activities brings the total amount of external funding received by various areas within the College of Arts and Sciences to nearly \$10,000,000 for the thirteen-year period of 1969 through 1982. In addition, some thirty-two faculty proposals totaling \$103,527 were funded during 1981-82 via a variety of University programs.

Perhaps a more representative measure of the research and creative activities of the College during the current year is the outstanding level of productivity represented by the areas of Faculty presentations and publications. In addition, the College is particularly proud to have had one of its members selected as the Outstanding University Researcher of the Year and another of its members selected as the Outstanding University Teacher of the Year. This accomplishment is a repeat of 1980-81 when two other faculty members from the College of Arts and Sciences were so honored.

When the activities summarized above are considered in conjunction with other extensive involvements in teaching, community affairs and professional service functions, it is evident that the Faculty of the College of Arts and Sciences have again made contributions to which the University can point with considerable pride. It is a privilege to submit this Summary of their behalf.

Ralph A. Llewellyn
Dean

John P. Idoux
Associate Dean

Jack B. Rollins, Jr.
Associate Dean

COLLEGE OF ARTS AND SCIENCES

OUTSTANDING RESEARCH AND TEACHING AWARDS, 1981-82

RESEARCH:

Dr. William C. Oelfke
Professor of Physics

Dr. Franklin F. Snelson, Jr.
Professor of Biological Sciences

TEACHING:

Dr. Mark Stern
Associate Professor of Political Science

Dr. Walter K. Taylor
Associate Professor of Biological Sciences

DR. OELFKE WAS ALSO SELECTED BY THE UNIVERSITY RESEARCH COUNCIL AS THE
OUTSTANDING UNIVERSITY RESEARCHER OF THE YEAR.

DR. STERN WAS ACCORDED A SIMILAR HONOR BY THE UNIVERSITY LEARNING RESOURCE
COUNCIL AS THE OUTSTANDING UNIVERSITY TEACHER OF THE YEAR.

UNIVERSITY IN-HOUSE RESEARCH AWARDS, 1981-82*
COLLEGE OF ARTS AND SCIENCES' RECIPIENTS

PRINCIPAL INVESTIGATOR	PROJECT TITLE	AMOUNT
Ammons, James H.	Frostbelt and Sunbelt Cities: The Impact of Demographic & Political Changes on Fiscal Policies	\$ 2,515
Brennan, Jack	LOGO and Improving Science Instruction	\$ 2,800
Charba, Julius and Osborne, John	Biology of <u>Aeromonas hydrophila</u> with Respect to the Striped Mullet Fishery	\$ 1,000
Fedler, Fredric E.	The Media's Handling of Campaign Gimmicky in a Gubernatorial Election	\$ 710
Hampton, Michael D.	The Development, Construction, and Characterization of a New Technique for the Observation of CIDNP in Electrochemically Initiated Reactions	\$ 2,800
Lotz, Steven D.	Paintings for UCF Campus	\$ 2,700
Vickers, David H.	Temperature Sensitivity of Newly Isolated Lethal Mutant of <u>Drosophila melanogaster</u>	\$ 2,200
Wooten, William	An Application of Quantitative Job Analysis in the Identification of Selection and Training Criteria for Internal Manpower Planning	\$ 1,250
Zegman, Marilyn and Malone, Linda C.	Behavioral Weight Control and the Elderly: Efficacy in Reducing Cardiovascular Risk	\$ 2,800
TOTAL		\$18,775**

*The In-House Research Awards Program was initiated several years ago by the University and is coordinated through the Division of Sponsored Research. The intent of the Program is to assist and encourage full-time tenure track faculty to become involved in research and/or to assist established investigators who are initiating new projects. Proposals are evaluated by the University Research Council and recommendations made to the Vice President of Research for approval. Awards provide funding for certain direct cost expense items associated with the project and/or instructional replacement costs and student assistant stipends.

**Miscellaneous small awards from the Division of Sponsored Research to a number of Arts and Sciences faculty members contributed an additional \$15,489 to the College's Research and Creative Activities efforts during 1981-82.

INSTRUCTIONAL DEVELOPMENT SUMMER AWARDS, SUMMER 1982

COLLEGE OF ARTS AND SCIENCES' RECIPIENTS

RECIPIENT	PROJECT TITLE	AMOUNT
Kujawa, Frank	Production of Multi-Screen Slide Programs for Geology Courses	\$2,735
Stern, Mark	Development of Integrative Materials and Data Bases for Political Sciences Methods Courses	\$1,500
Zegman, Marilyn	Training Student Therapists via Modeling	<u>\$2,150</u>
	TOTAL	\$6,385

*The University's Instructional Development Summer Grants Program was initiated in Summer 1981. The intent of this special program is to promote and encourage interest in instructional development projects. Proposals are evaluated by the University Learning Resource Council and recommendations made to the Vice President of Academic Affairs for approval. Requests may be made to provide a portion of a faculty member's summer salary and/or expense and OPS needs related to the project.

FACULTY SUMMER RESEARCH AWARDS, SUMMER 1982*
COLLEGE OF ARTS AND SCIENCES' RECIPIENTS

RECIPIENT	PROJECT TITLE
Brigham, Robert	Enhancement and Employment of an Interactive Graph Invariant Delimiter
Clausen, Chris	FT-IR Method for Identifying Tire Marks
Crepeau, Richard	Sport and Catholic Higher Education in America
Ehrhart, Llewellyn	History and Ecology of Marine Turtle Populations of the Indian River System
Gomez, Fernando	Automatic Programming
Hall, Joe	A Quantitative Analysis of Local Television News Content as a Function of Format Length
Meyers, Jeffrey	Doping of Organic Polymer Heterojunctions Which May Serve As Solar Cells
Miller, Harvey	A New Phylogenetic Moss Classification
Morales, Waltraud	Television News Reporting on Latin America
Pauley, Bruce	In the Shadow of Death: Austria's Jews, 1914-1938
Pryor, Bert	Dynamism as an Intensifier of Source Credibility
Schiffhorst, Gerald	The Cardinal Virtue Tradition and Milton's Concept of Heroism in <u>Paradise Lost</u>
Stout, Jack	Habitat Selection Among Small Mammals of the Sand Pine Scrubs
Turnage, Janet	The Relationship of Race and Sex Differences to Assessment Center Ratings and Subsequent Performance Evaluations
White, Roseann	Identification of Flavonoids in Selected Plants and the Implications for Evolutionary Relationships and Basic Phytochemistry
Wooten, William	Analyzing the Homemaker Job Using Multimethod Job Analysis and Factor Analysis

*The University's Faculty Summer Research Awards Program was initiated in Summer 1979 and is coordinated through the Division of Sponsored Research. The intent of this special program is to promote and encourage research projects, to improve research capabilities, or to further scholarly activities. Proposals are evaluated by the University Research Council and recommendations made to the Vice President of Academic Affairs for approval. Awards provide a portion of a faculty member's summer salary so that dedicated time can be devoted to the proposed activity. During Summer 1982, a total of \$62,878 of salary monies was awarded for the above projects.

COLLEGE OF ARTS AND SCIENCES
EXTERNAL CONTRACTS AND GRANTS FUNDED IN 1981-82

PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING AGENCY	AMOUNT
Abbott, D. W.	NAVCAD Selection	Naval Training Equipment Center	\$ 66,900
Abbott, D. W.	Artificial Intelligence (Several Projects)	Naval Training Equipment Center	\$201,900
Bledsoe, R. L.	Advanced Research Fellow Award	U.S. Army War College	\$ 500
Brennan, J. J.	Physical Science for K-4 Grade Teachers from Central Florida	U.S. Department of Education	\$ 36,000
Brennan, J. J.	Physical Science for 5-9 Grade Teachers from Central Florida	National Science Foundation	\$ 22,000
Brown, W. R. and Wright, B.	Non-Game Wildlife Study	STAR Grant	\$ 14,852
Brown, W. R.	Study of Seminole County School Lunch Program	School Board, Seminole County	\$ 5,000
Crepeau, R. C.	Sport and Higher Education	Cushwa Center for the Study of American Catholicism	\$ 1,000
Cook, I. J. and Washington, J. T.	Survey of Black and Low Income Community, Orlando, Florida	United Way of Orange County, Fl.	\$ 12,000
Driscoll, J. R.	AES Agreement	AES Corporation	\$ 980
Ehrhart, L. M.	Marine Turtle Mortality Documentation in Brevard and Volusia Counties, Florida	Sea Turtle Rescue Fund	\$ 2,106
Ehrhart, L. M.	Gordon J. Barnett Professorship of Environmental Sciences	Gordon J. Barnett Foundation	\$ 6,500

COLLEGE OF ARTS AND SCIENCES
EXTERNAL CONTRACTS AND GRANTS FUNDED IN 1981-82

PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING AGENCY	AMOUNT
Fernandez, J. B.	Jose Solano Bote and the Spanish Navy at the Battle of Pensacola	American Philosophical Society	\$ 1,200
Franklin, L. A. and Malone, L. C.	Travel Patterns	STAR Grant	\$ 35,711
Guha, R. K. and Driscoll, J. R.	Total Microprocessor System Design and Development	National Science Foundation	\$ 46,248
Gupton, J.	New Reactions of 3-Dimethylamino-2-aza-prop-2-en-1-yliden-dimethylammonium Chloride	Petroleum Research Fund	\$ 13,000
Gupton, J. Cunningham, G. Idoux, J.	Synthesis, Testing and Biochemical Studies of Formamidine Insecticides	Dow Chemical	\$ 18,000
Hampton, M. D.	The Development, Construction, and Characterization of a New Apparatus for the Observation of CIDNP in Electrochemically Initiated Reactions	Research Corporation	\$ 5,000
Handberg, R.	Determining Present and Future Outdoor Recreational Needs on State Wildlife Management Areas	STAR Grant	\$ 10,000
Hoglin, J. G.	Film Equipment	Bill Berry Memorial Grant	\$ 4,000
Hudson, G. M.	Air Particulate Sampling	NASA	\$ 19,479
Idoux, J. P.	Fluoro-PAG Transducer Liquids	Naval Research Lab	\$ 1,500

COLLEGE OF ARTS AND SCIENCES
EXTERNAL CONTRACTS AND GRANTS FUNDED IN 1981-82

PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING AGENCIES	AMOUNT
Idoux, J. P.	New Polymeric Ether Glycol Derivatives	Naval Research Lab	\$ 6,883
Kallina, E.	Claude Kirk Studies	Southern Regional Education Board	\$ 400
Kazmerski, K. J.	Social Work FY 82	FL/HRS	\$ 32,553
Korstad, R. Morgan, J. P.	Kissimmee Police Management Study	City of Kissimmee	\$ 3,500
Kuhn, D. T., Cunningham, G. N.	Developmental Study of Homoeosis in <u>D. melanogaster</u>	NIH-NIA	\$ 44,876
Kuhn, D. T., Cunningham, G. N.	Dorothy Vanderwarter Hoyt Summer Research Fellowships	American Cancer Society, Florida Division	\$ 3,300
Madsen, B. C.	Kennedy Space Center Precipitation Monitoring Program	NASA	\$ 15,974
Madsen, B. C.	Characterization and Evaluation of Acid Rain at a Site Remote from the Kennedy Space Center	NASA	\$ 1,863
McGee, W.	Automated Chromatography System	Naval Research Lab	\$ 10,000
McGee, W.	Development of Analytical Procedures for Analyzing Neoprene WRT	Naval Research Lab	\$ 65,000
Miller, H., White, R.	Phytochemical Research 2	Foliage Industry	\$ 1,500
Morales, W. Q.	Bolivian Research	Florida Consortium of Latin American Studies	\$ 1,250

COLLEGE OF ARTS AND SCIENCES

EXTERNAL CONTRACTS AND GRANTS FUNDED IN 1981-82

PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING AGENCIES	AMOUNT
Morales, W. Q.	TV Reporting of Latin America	Southern Regional Education Board	\$ 970
Morales, W. Q.	Islam, the Middle East and World Politics	AASCU-NEH Humanities Institute	\$ 1,500
Oelfke, W. C.	Quantum Limited Measurement of a Simple Harmonic Oscillator	National Bureau of Standards	\$ 25,000
Oelfke, W. C.	Gravity Wave Detection	National Science Foundation	\$ 3,960
Omans, S.	Shakespeare in Performance: Silences in the Plays	National Endowment for the Humanities/Folger Shakespeare Library	\$ 2,000
Omans, S.	Naval Science 1 & 2	Naval Training Equipment Center	\$ 29,991
Somerville, P. N., Bean, S. J.	Regional Climatic Probability Models	USAF Electronics Systems Division	\$125,355
Stearman, A. M.	Siriono' Indians	Amazon Research and Training Center	\$ 1,100
Stearman, A. M.	Siriono' Indians	UF/FLU Latin American Consortium Research	\$ 600
Stern, M.	On the Autonomy of the Democratic State	National Endowment for the Humanities	\$ 2,500
Stout, I. J.	Phytogeography of Plants Endemic to Sand Pine Scrub Communities	U.S. Fish & Wildlife Service	\$ 2,000

COLLEGE OF ARTS AND SCIENCES

EXTERNAL CONTRACTS AND GRANTS FUNDED IN 1981-82

PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING AGENCIES	AMOUNT
Sweet, H. C.	Development and Implementation of Laboratory Exercises for Non-Major	National Science Foundation	\$ 24,963
Thomas, M. H.	Extinction of Arousal & Aggressive Behavior	National Institute of Mental Health	\$ 23,063
Unkovic, C. M.	Alcohol Awareness	WCTU	\$ 700
Unkovic, C. M.	Jewish Prison Study	Southern Regional Education Board	\$ 200
Whisler, B. A.	The Beethoven Symphonies: Current Analytical and Historical Perspectives	National Endowment for the Humanities	\$ 2,500
TOTAL CONTRACTS AND GRANTS FUNDED IN 1981-82			\$957,377

COLLEGE OF ARTS AND SCIENCES

ACTIVE EXTERNAL CONTRACTS AND GRANTS FUNDED PRIOR TO 1981-82

PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING AGENCIES	AMOUNT
Abbott, D. W.	FITMAN	Naval Training Equipment Center	\$ 64,900
Abbott, D. W.	Portable Training (Several Projects)	Naval Training Equipment Center	\$ 94,980
Andrews, L. C., Phillips, R. L.	Temperature Fluctuations and Other Noise Sources Effects on Minimum Detectable Rotation in 2FORS	Martin-Marietta	\$ 60,000
Clausen, C. A.	Identification of Accelerants in Fire Atmospheres	STAR Grant	\$ 24,000
Ehrhart, L. M.	Professional Engineering Services for Monitoring and Preparation of a Reconnaissance Report of Turtle Nesting Success, Melbourne and Indianalantic Beaches, Brevard County, Florida	U.S. Army Corps of Engineers	\$ 27,978
Fernandez, J. B.	The Jesuit Diary of Our Lady of Guadalupe Parish in Conejos	Colorado Endowment for the Humanities	\$ 4,800
Gennaro, R. N. Wodzinski, R. J.	Biochemical Potential FY-81, Coordinating Council on the Restoration of the Kissimmee River Valley and Taylor Creek-Nubbin Slough Basin	Coordinating Council/Kissimmee River Valley Restoration	\$ 26,000
Gennaro, R. N. Wodzinski, R. J.	Methane from Water Hyacinths	Worldco	\$ 22,874
Gupton, J.	Photochemical Rearrangements	Research Corporation	\$ 4,900
Hertel, G.	Computer Based Data Acquisition/Manipulation	National Science Foundation	\$ 40,460

COLLEGE OF ARTS AND SCIENCES

ACTIVE EXTERNAL CONTRACTS AND GRANTS FUNDED PRIOR TO 1981-82

PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING AGENCIES	AMOUNT
Idoux, J. P.	Activation of Molecular Oxygen via Polymer-Supported Transition Metal Complexes	Petroleum Research Fund	\$ 13,000
Idoux, J. P.	Polymeric Ether Glycol Derivatives as Transducer Liquids	Naval Research Lab	\$ 4,990
Klein, T. (USF), Sweeney, M. J.	Pertussis Vaccine Antigens Modulating Macrophages	National Institute of Health	\$ 28,613
McGee, W.	Analytical Procedures for Monitoring Sulfur and Metal Salts	Naval Research Lab	\$ 19,000
McGee, W.	Development of Automated-Integrated Analysis Equipment	Naval Research Lab	\$ 59,000
Miller, H. A., White, R. S.	Phytochemical Research I	B. L. Cobia Inc.	\$ 2,325
Mukhopadhyay, A.	String Processing Computer Architecture	National Science Foundation	\$112,000
Oelfke, W. C.	Measurement of G for Small Intermass Spacings	Research Corporation	\$ 25,000
Osborne, J. A.	Comparative Effects of Grass Carp (<u>Ctenopharynodon idella</u>) and herbicides on <u>Hydrilla verticillata</u> Royle biomass in four Florida Lakes	Florida Department of Natural Resources	\$107,502
Osborne, J. A.	Efficacy of Hydrilla Control and a Stocking Model for Hybrid Grass Carp in Freshwater Lakes	U.S. Environmental Protection Agency	\$128,930

COLLEGE OF ARTS AND SCIENCES

ACTIVE EXTERNAL CONTRACTS AND GRANTS FUNDED PRIOR TO 1981-82

PRINCIPAL INVESTIGATOR	PROJECT TITLE	FUNDING AGENCIES	AMOUNT
Sherwood, H.	Dominates, A Relation Between Triangular Norms	Air Force Office of Scientific Research	\$ 9,930
Shofner, J. H.	History of Jackson County, Florida	Jackson Heritage Association	\$ 12,000
Snelson, F. F., Jr.	SUS Marine Programs Update	Florida Sea Grant College	\$ 8,970
Somerville, P. N.	Climatology Model 80	USAF Electronics Systems Division	\$ 96,000
Sweet, H. C., Peoples, T.	Modification, Improvement and test of a Computer Technique for Remotely Measuring Tree Canopy Coverage in Urban Areas	Dept. of Agriculture	\$ 19,998
Thomas, M. H.	Extinction of Arousal & Aggressive Behavior	National Institute of Mental Health	\$ 24,608
TOTAL ACTIVE CONTRACTS AND GRANTS FUNDED PRIOR TO 1981-82			\$1,042,758

PUBLICATIONS IN 1981-82

ART

NON-REFEREED

GAUDNEK, WALTER, "Gaudnek", catalogue, Dorsky Gallery, New York, New York, October 27 - November 14, 1981.

GAUDNEK, WALTER, "Little Labyrinths", paper, Dorsky Gallery, New York, New York, 1982.

BIOLOGICAL SCIENCES

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CHARBA, S. K., R. J. Wodzinski, R. N. Gennaro, and M. J. Sweeney: A Solid-Phase Radioimmunoassay for the Detection of Poliovirus in Wastewater. Submitted to the *Journal of Immunological Technique*. International.

CUNNINGHAM, G. N., and D. T. Kuhn. 1981. Tissue distribution of isocitrate dehydrogenase in Drosophila melanogaster. *Insect Biochemistry* 11:277-285. International.

GUY, C. L., G. Yelenoski and H. C. Sweet. Distribution of ¹⁴C photosynthetic assimilates in "Valencia" orange seedlings at 10° and 25° C. *J. Amer. Soc. Hort. Sci.* 106(4) 433-437. 1981. National.

KLOTZ, S. D., and M. J. Sweeney: Status of Immunotherapy in Class IV Renal Adenocarcinoma. Submitted to the *Journal of the Florida Medical Society*. National.

KLOTZ, S. D., M. J. Sweeney, L. R. Klotz, R. K. Moeller and S. Rosenberg: Systemic anaphylaxis immediately following Delayed Hypersensitivity Skin Test. The American College of Allergists, abstracts of the 38th annual congress, Bal Harbour, Florida, p. 23, Jan. 15-19. International.

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KOEVENIG, James L. Carboxymethyl cellulase activity in the myxomycete Physarum polycephalum. *Mycologia*, Vol. 73, No. 6, pp. 1085-1091. 1981. International.

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MENDONCA, M. T. and L. M. Ehrhart. 1982. Activity, population size and structure and immature Chelonia mydas and Caretta caretta in Mosquito Lagoon, Florida. *Copeia* 1982(1): 161-167. National.

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- MILLER, H. A. Botanical Description. Fittonia verschaffeltii var. argyroneura "Angel Snow." U.S. Plant Patent 4516. 5 pp. Washington, D.C. 1980. International.
- MILLER, H. A. Review: R. K. Godfrey and J. W. Wooten, Aquatic and Wetland Plants of Southeastern United States: Dicotyledons. Florida Scientist 45: 2 pp. 1982. Regional.
- MILLER, H. A. Impact of habitat modification on rare bryophytes. Florida Scientist 45 (suppl. 1):38. 1982. Regional.
- MILLER, H. A. Notulae Hepaticarum Polynesiae. Phytologia 47:319-329. 1981. International.
- MILLER, H. A. Botanical Description. Diffenbachia sequine "Welkeri compacta" U.S. Plant Patent 4504, 4516. 6 pp. Washington, D.C. 1980. International.
- OSBORNE, J. A. and N. M. Sassic. 1981. The size of grass carp as a factor in hydrilla control. J. Aquatic Bot. 11:129-136. International.
- OSBORNE, J. A. 1981. Macrophyton. In: Standard Methods for the Examination of Water and Waste Water, American Public Health Association, American Water Works Association, Water Pollution Control Federation. pp. 983-995. International.
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- STONEBURNER, D. L. and L. M. Ehrhart. 1981. Observations on Caretta c. caretta: A record interesting migration in the Atlantic. Herp. Review 12(2):66. National.
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BIOLOGICAL SCIENCES (Continued)

1. REFEREED

SWEENEY, M. J., C. Kay, L. R. Klotz, and S. D. Klotz: An IgE Inhibition Assay for the Detection of Allergen Specific IgE. Annals of Allergy, Vol. 46, No. 6, June 1981. International.

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SWEET, H. C. Use of an Apple computer to identify vegetation and assess the coverage within single Landsat pixels. Seventh International Symposium of Machine Processing of Remotely Sensed data. pp. 695-702. 1981. International.

SWEET, H. C. and members of the NASA-ASEE Design Group. Orbiting Quarantine Facility: The Antaeus Report. NASA SP. 454 134 pp. 1981. National.

BIOLOGICAL SCIENCES

II. NON-REFEREED

EHRHART, L. M. 1982. Migrations of western Atlantic loggerhead turtles: Evidence from remote recoveries of turtles tagged on the Florida Atlantic coast. *Florida Scientist* 45(1):38 (abstract).

KUHN, D. T., S. C. Fogerty, and Th. E. Sprey. 1981. Demonstration of compartments and subcompartments in the *D. melanogaster* wing disc by clonal analysis. *Genetics* 97:560. National.

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MILLER, H. A., C. S. Lotspeich, I. J. Stout and M. G. Bausher. Test Pond Development for Artificial Marsh Design. Lotspeich and Associates. 95 pp. 1981. Regional.

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SNELSON, F. F., Jr. Temporal pattern of maturation in the male sailfin molly, *Poecilia latipinna* (Pisces). *The ASB Bulletin* 28(2):67. 1981. Regional.

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BIOLOGICAL SCIENCES (Continued)

II. NON-REFEREED

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PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
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ART

CHAVDA, JAGDISH, One man exhibition, Central Florida, Artist Teacher Invitational Series, Local, February 16, 1982.

CHAVDA, JAGDISH, One man exhibition, The Cornell Fine Arts Center, Rollins College, Winter Park, Florida, Local, March 11, 1982

CHAVDA, JAGDISH, Annual Art Faculty Exhibition, U.C.F. Art Gallery, Local, November, 1981.

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

EYFELLS, JOHANN, One man exhibition, "Metal Reliefs and Small Sculptures," Cornell Fine Arts Center, Winter Park, Florida, Local, January 11 - February 7, 1982.

EYFELLS, JOHANN, Group exhibition, "The First Exhibit," Valencia Community College, Orlando, Florida, Local, January 4 - 29, 1982.

EYFELLS, JOHANN, Group exhibition, "Sculptural Forms," Crealde School of Art, Winter Park, Florida, Local, May 7 - June 4, 1982.

LOTZ, STEVE, One Man exhibition, "Florida Dreams: Recent Work by Steve Lotz," Daytona Museum of Arts and Sciences, Daytona Beach, Florida, Regional, April 17 - May 30, 1982.

LOTZ, STEVE, Group exhibition, "19th Annual Major Florida Artists Invitational," Foster Harmon Galleries of American Art, Regional, January 10 - 30, 1982.

LOTZ, STEVE, Group exhibition, "The First Exhibition," Valencia Community College, Orlando, Florida, Local, January 4-29, 1982.

LOTZ, STEVE, Group exhibition, "Drawing: A Florida Perspective," Valencia Community College, Local, November 13 - December 11, 1981.

LOTZ, STEVE, Group exhibition, "Area Artists II," Crealde School of Art, Local, November 6 - December 1, 1981.

LOTZ, STEVE, Group exhibition, "Annual Art Faculty Exhibition at U.C.F.," Local, November, 1981.

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

ART (Continued)

Exhibitions: (continued)

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

RIVERS, ROBERT, Group exhibition, "New American Graphics," University of Wisconsin, Madison, Wisconsin, Regional, March 13-April 25, 1982.

RIVERS, ROBERT, Group exhibition, "The First Exhibit," Valencia Community College, Local, January 4 - 29, 1982.

RIVERS, ROBERT, One man show, "Robert Rivers Etchings," Edinburgh College of Art, Edinburgh, Scotland, International, August 18 - September 4, 1981.

WELLMAN, CHARLES, Group exhibition, "Southern Exposures," Traveling Light Factory, Regional, Charlotte, North Carolina, June 15 - July 10, 1981. Virginia Interment College, Bristol, Virginia, September 14 - October 19, 1981. Daytona Beach Community College, Daytona Beach, Florida, November 23 - December 18, 1981. University of South Florida, Tampa, Florida, January 4 - January 29, 1982. Katzman Gallery, Sarasota, Florida, March 15 - April 9, 1982. Miami Dade Community College, Miami, Florida, April 20 - May 14, 1982.

WELLMAN, CHARLES, Group exhibition, "Focus Invitational '82," Focus Gallery, Winter Park, Florida, Local, May 3 - 28, 1982.

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

WELLMAN, CHARLES, Group exhibition, "The First Exhibition," Valencia Community College, Local, January 4 - 29, 1982.

WELLMAN, CHARLES, Group exhibition, "Art Department Faculty of Central Florida Universities and Community Colleges," Local, December 1981.

Film Presentations/Performances/Television:

GAUDNEK, WALTER, Performance, "Little Labyrinths," Dorsky Galleries, New York, New York, Regional, April 1, 1982.

GAUDNEK, WALTER, Film presentation, "Gaudnek on the Johnny Carson Show," and "Space Cathedral" at the Shoals Club House, Orlando, Florida, Local, March, 1982.

LOTZ, STEVE, Television interview, "Carol Nelson's TV Program," Channel 9, Local, September 8, 1981.

ART (Continued)

Consulting Activities:

CHAVDA, JAGDISH, Graphic Designer Consultant to Quantum Technology, Inc., Sanford, Florida, March 10, 1982.

Judging:

LOTZ, STEVE, "Volusia Students Create," Daytona Beach, Florida, March 10, 1982

Awards:

LOTZ, STEVE, Council of Arts & Sciences, "Outstanding Contribution to the Arts," Orlando, Florida, September 11, 1981.

Seminars/Workshops:

CHAVDA, JAGDISH, Lecture, "How do They Plan Motion Picture Production," Crooms High School, Library Club, February 3, 1982.

EYFELLS, JOHANN, Participated in and originated a three day workshop, "Idea Art," Crealde School of Art, Winter Park, Florida, May 21-23, 1982.

EYFELLS, JOHANN, Participated in and originated three day workshop, "Document Art," Maitland Art Center, Maitland, Florida, April 23-25, 1982.

RIVERS, ROBERT, Conducted seminar, "University of Georgia Studies Abroad," January 28, 1982.

SKOGLUND, MARGARET, "International Rubens Symposium," Ringling Museum, Sarasota, Florida, April 14-15, 1982.

SKOGLUND, MARGARET, Participated, "Roman Baroque," University of Florida, Gainesville, Florida, October, 1981.

Other:

CHAVDA, JAGDISH, Graphic Design for U.C.F. Arts & Sciences departmental pamphlets, April 1982.

CHAVDA, JAGDISH, Graphic Design Grand-Prix '82, Orlando, Florida, April 1982.

CHAVDA, JAGDISH, Graphic Design for India Association of Greater Orlando, Logo design, October 1981.

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
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BIOLOGICAL SCIENCES

BAGBY, J. R., H. C. Sweet, and D. L. DeVincenzi. A quarantine protocol for analysis of returned extraterrestrial samples. 24th Plenary Meeting of COSPAR. Ottawa. International. May 27, 1982.

EHRHART, L. M. and Lee, R. C. 1981. Hypothermic stunning of marine turtles in east-central Florida lagoons in 1981. Paper given at joint annual meeting of Herpetologists' League and Society for the Study of Amphibian and Reptiles, Memphis State University, 9-14 August, 1981.

EHRHART, L. M. 1981. Marine turtles of the Indian River Lagoon System. Paper given at Indian River System Information Symposium; Melbourne, FL 20 November, 1981.

EHRHART, L. M. 1982. 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, 22-24 April, 1982.

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

KLOTZ, S. D., M. J. Sweeney, L. R. Klotz, R. K. Moeller and S. Rosenberg: Systemic anaphylaxis immediately following Delayed Hypersensitivity Skin Test. The American College of Allergy, Bal Harbour, FL. January, 1982. Regional.

KUHN, D. T. Use of enzyme patterns in developmental studies of D. melanogaster; University of Leiden, Netherlands; June, 1981.

KUHN, D. T. Use of enzyme patterns in developmental studies of D. melanogaster; University of Geneva, Switzerland; June, 1981.

KUHN, D. T. Genetics and development of the tumorous-head system in D. melanogaster. University of Geneva, Switzerland; June, 1981.

KUHN, D. T. Distribution of malic enzyme-NADP⁺ in D. melanogaster imaginal discs; Drosophila Research Conference; Storrs, Connecticut; March, 1982. National.

MILLER, H. A. Impact of habitat modification on bryophytes. Florida Academy of Sciences. April 24, 1982. Regional.

MULLIGAN, T. J., and F. F. Snelson, Jr. An ecological study of the epibenthic fish populations inhabiting the Indian River lagoon system, Florida. Indian River System Information Symposium, Melbourne, Florida. Regional. 20 November, 1981.

BIOLOGICAL SCIENCES (Continued)

MULLIGAN, T. J., and F. F. Snelson, Jr. Summer-season populations of epibenthic marine fishes in the Indian River lagoon system, Florida. Annual Meeting, Association of Southeastern Biologists, Richmond, Kentucky. Regional. 15-17 April, 1982.

OSBORNE, J. A. Preliminary results of vegetation control using F₁ hybrid grass carp. Presented at the fifth annual meeting of the Florida Aquatic Plant Management Society, Inc., Orlando, Florida October 20-22, 1981.

OSBORNE, J. A. 1981. Aquatic plant management and ecology with respect to the limnology and improvement of water quality in Florida fresh-water lakes. Presented at the Aquatic Weed Research and Extension Review and Coordination Meeting, Center for Aquatic Weeds, Institute of Food and Agricultural Sciences, University of Florida, at Orlando, Florida, October 19-20, 1981.

OSBORNE, J. A. 1981. Displayed the Osborne Submersed Aquatic Plant Sampler at Equipment Exhibit, Winter Garden, Florida, October 21, 1981.

SNELSON, F. F., Jr. Where do sailfin mollies come from? Annual Meeting, American Society of Ichthyologists and Herpetologists, Corvallis, Oregon. National. 21-27 June, 1981.

SNELSON, F. F., Jr. Ichthyofauna of the northern segment of the Indian River lagoon system, Florida. Indian River System Information Symposium, Melbourne, Florida. Regional. 20 November, 1981.

SNELSON, F. F., Jr., and T. J. Mulligan. Biology of the bull shark in the Indian River lagoon, Florida. Annual Meeting, Florida Academy of Sciences, DeLand, Florida. Regional. 22-24 April, 1982.

SNELSON, F. F., Jr., T. J. Mulligan, and S. E. Williams. Life history aspects of the bull shark in Florida coastal lagoons. Annual Meeting, American Society of Ichthyologists and Herpetologists, DeKalb, Illinois. National. 14-18 June, 1982.

STOUT, I. J. Influence of Hurricane David on a population of beach mice. Annual Meeting, Florida Field Biologists, U. of Florida; Regional, October 24, 1981.

STOUT, I. J. Status and habitat of Peromyscus polionotus on Merritt Island. Annual Meeting, Florida Academy of Sciences, Stetson University; Regional. April 24, 1982.

STOUT, I. J. Conservation of Sand Pine Scrub Communities. Annual Meeting, Florida Native Plant Society, U. of Florida; Regional, May 15, 1982.

BIOLOGICAL SCIENCES (Continued)

SWEENEY, M. J. "ABC's of Immunology of the Allergy Response"
Walt Disney World Medical Conference, Lake Buena Vista Conference
Center, Lake Buena Vista, Florida. April 18, 1982. Regional.

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, Florida. April 18, 1982.
Regional.

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, Florida. April
18, 1982. Regional.

SWEENEY, M. J. "What Does Immunotherapy (Desensitization)
Accomplish?" Walt Disney World Medical Conference, Lake Buena
Vista Conference Center, Lake Buena Vista, Florida. April 18, 1982.
Regional.

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. International. July, 1981.

SWEET, H. C., J. R. Bagby and D. L. DeVincenzi. An orbital
quarantine facility for analysis of return samples. 24th Plenary
Meeting of COSPAR. Ottawa, Canada. International. May 27, 1982.

SWEET, H. C. Use of Apple computers in Biology. Presented to
faculty and graduate students in Biological Sciences. UCF. Local.
Sept. 29, 1981.

TAYLOR, Walter K. and Mark Kershner. House Wren migration compared
with other wrens; an emphasis on Florida. Florida Academy of Sciences
Annual Meeting. Regional. April, 1982.

WHITE, Roseann and Jim Norman. "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, Georgia. March 8, 1982.

WHITE, Roseann. "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 23, 1982.

WHITE, Roseann, "Science Careers in Health" Women's Week Conference
Workshop. UCF, Orlando. March 21, 1982. Regional.

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
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CHEMISTRY

CLAUSEN, Chris, "Patching up the B.S. Chemistry Curriculum", American Chemical Society Meeting, New York, N.Y., August 1981.

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

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

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

CUNNINGHAM, G.N., "Biochemistry of Insect Development", Agriculture Research Division - Dow Chemical Co. - Walnut Creek, California, 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 - February 1982.

GUPTON, John, "New Synthetic Applications of Vinamidinium Salts"; Agricultural Department, DOW Chemical U.S.A., June 29, 1981; Walnut Creek, California; Regional.

GUPTON, John, Polaski, C., and Polk, D., "Reaction of Vinamidinium Salts and Azavinamidinium Salts with Organometallic Reagents"; Southeastern Regional Meeting of the American Chemical Society; November 5, 1981; Lexington, Kentucky; Regional.

GUPTON, John, Andrew, S., and Colon, C., "Reaction of Unsymmetrical Enolate Anions with Gold's Reagent"; National Meeting of the American Chemical Society; April 1, 1982; Las Vegas, Nevada; National.

HAMPTON, Michael D., Cochairman, 1982 Articulation Conference, May 8, 1982.

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

KUJAWA, Frank B., "Geology of Central Florida's Sinkholes through Multiscreen Panoramas":

- 1) Florida Assn. of Science Teachers, Tampa, State, October 16, 1981, given twice.
- 2) Sinkhole Research Institute Proposal Workshop, Tallahassee, State, November 12, 1981.
- 3) FSU Geology Department and Sigma Xi, Tallahassee, Single University, March 1, 1982.
- 4) Florida Academy of Sciences, Deland, State, April 24, 1982.

KUJAWA, Frank B., "Predicting Potential Sinkhole Sites", Florida Sinkhole Research Institute Advisory Committee Meeting, State, March 1, 1982.

KUJAWA, Frank B., NE and SE Combined Sections Meeting, Geological Society of America, Washington, D.C., Regional, March 26, 1982, 3 programs, each given twice:

- 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)".

KUJAWA, Frank B., "A Geochemistry Course Illustrated with Multi-screen Panoramas of Geologic Features", Florida Section of the American Chemical Society, Lake Buena Vista, State, May 6, 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 30, 1982 International.

MADSEN, B.C., "Flow Injection Determination of Sulfate and Nitrate in Rainwater", Florida Section ACS Meeting-in-Miniature, Orlando, FL, May 6, 1982, Regional

MADSEN, B.C., "Acid Rain", Daytona Beach Community College Science Faculty Seminar Series, Dec. 1, 1981, local.

MADSEN, B.C., "Precipitation Monitoring Program", Shuttle Environmental Effects Program Review, Kennedy Space Center, FL, July 14, 1981, National.

MATTSON, Guy, and Gupton, John, "An M.S. Program in Industrial Chemistry", American Chemistry Society Meeting, New York City, August 28, 1981, National.

MATTSON, Guy, "What Should be Taught in an Industrial Chemistry Course", American Chemical Society Meeting, Las Vegas, April 1, 1982, National.

PROFESSIONAL PAPERS, EXHIBITS, SHOWS
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COMMUNICATION

- BUCHANAN, RAYMOND W. Group Moderator at the Florida Endowment for the Humanities Governor's Challenge Conference, November, 1981. State.
- BUCHANAN, RAYMOND W. Group Moderator, Florida Endowment for the Humanities Conference on Academic Knowledge and Public Policy, March, 1982. State.
- BUCHANAN, RAYMOND W. "Communication and Persuasion in Jury Selection," Presented at the Eighth Judicial Circuit 1981 Legal Forum, December 3, 1981, Gainesville, Florida. State.
- BUCHANAN, Raymond W. "Graduate Education in Communication," Presentation made to the Florida Speech Communication Association, October, 1982, Ft. Myers, Florida. State.
- DAVIS, ROBERT, H. Advertising workshop for the Florida Bar Association Lawyer's Referral Service (with Joe Hall).
- DAVIS, ROBERT H. "PR Overview" for OAC/FPRA Communication Workshops at VCC.
- DAVIS, ROBERT H. "Advertising for the Small Business" for OAC/FPRA Communication Workshops at VCC.
- DAVIS, ROBERT H. "Newspaper and Radio Advertising Copy" for the Orlando Chamber of Commerce Small Business Council.
- DAVIS, ROBERT H. "Advertising Workshop" for Winter Park Chamber of Commerce.
- DAVIS, ROBERT H. "Creativity and PR" for the Lake Highlands Chapter of FPRA.
- DAVIS, ROBERT H. "Graphic Design and Newsletters" for FPRA State Convention.
- DAVIS, ROBERT H. "Preparing for Accreditation" for Central Florida IABC.
- DAVIS, ROBERT H. "Preparing a Portfolio" for Central Florida IABC.
- DAVIS, ROBERT H. "Creative Problem Solving" for Central Florida IABC.

COMMUNICATION (continued)

- FEDLER, FRED, COUNTS, TIM 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, Florida, March 20, 1982. Regional Refereed.
- FEDLER, FRED, COUNTS, TIM AND HIGHTOWER, PAUL. "Changes in the Wording of Cutlines Fail to Reduce Photographs' Offensiveness," paper presented to the Photojournalism Division, Association for Education in Journalism, Annual National Convention, East Lansing, Michigan, August, 1981. National, Refereed.
- HALL, JOE. "Emerging Communication Technologies," Florida Speech Communication Association Convention, Ft. Myers, Florida, October 16, 1981. State.
- HOGLIN, J. GILES. Double-System Sound Film Editing Techniques, Film produced for classroom instruction: 16mm color, April, 1982. Local (author, producer, director).
- HOGLIN, J. GILES. Seminar: "Personnel Training Through Video Tape," Florida Committee on Training and Development, Orange County, Florida, November 20, 1981. State.
- HOSOKAWA, ROBERT. "Communication: Inside Out and Outside In," Keynote Address for Honeywell, Inc., Management, Minneapolis, Spring, 1982. National.
- HOSOKAWA, ROBERT. "Educating the Public Relations Professional," Spring Conference, 1982, International Association of Business Communicators, Minneapolis, St. Paul. National.
- MEESKE, MILAN. "Cameras in the Courtroom: What the Research Says," Speech Communication Association Convention, Anaheim, California, November 13, 1981. National.
- MORGAN, THOMAS. "A Proposal for a National 'Crimestoppers' Communications Network," Paper presented to the Crimestoppers USA National Convention, Austin, Texas, October 3, 1981. National.
- TANZI, L.A. "Social Science Fiction: The Social Sciences in Science Fiction," New England Science Fiction Annual Convention, Boston, Feb. 1982. Regional.

COMMUNICATION (continued)

- TAYLOR, K. PHILLIP and BUCHANAN, R. W. "The Effect of Attitude Toward Capital Punishment on the Evaluation of Evidence and the Determination of Guilt," Report to the UCF Sigma Xi organization, April 21, 1982. UCF
- TAYLOR, K. PHILLIP. "Potpourri in Communication and the Law: Papers and Perspective, A Critical Response," Presented at the 1982 convention of the Eastern Communication Association. Regional.
- TAYLOR, K. PHILLIP. "The Three Are's for Communication Researchers," Presented to the Speech Communication Faculty and Students at Indiana University, December, 1981. Invited.
- TAYLOR, K. PHILLIP. "The Application of Communication Theory and Research in the Legal Community," Paper presented at the 1982 convention of The Southern Speech Communication Association. Regional, Refereed.
- TAYLOR, K. PHILLIP. "The Impact of Voir Dire and the Deliberation Process on Jury Verdicts," Paper presented at the 1981 convention of the Eastern Communication Association. Regional.
- TAYLOR, K. PHILLIP. Conference moderator, Florida Endowment for the Humanities conference on Academic Knowledge and Public Policy, March, 1982.
- TAYLOR, K. PHILLIP. Group moderator at the Florida Endowment for the Humanities Governor's Challenge Conference, Nov., 1981. State.
- TAYLOR, K. PHILLIP. Workshop, "The Jury Finds the Defendant. . .:" Workshop in Group Decision Making in Legal Context, Eastern Communication Association, May, 1982.
- TAYLOR, K. PHILLIP. Workshop: "Communication Skills for Retired Senior Volunteer Program of Florida, September, 1981.
- WYCOFF, EDGAR B. Book Reviews: Organizational Communication, 3rd edition, for Wm. C. Brown Company, March, 1982.
Organizational Strategies for Organizational Decision Makers for Wm. C. Brown Company, March, 1982.
- WYCOFF, EDGAR B. Speeches:
International Meeting of IBM personnel executives at IBM corporate headquarters in New York, "Hi Tech and Hi Touch Organizational Communication in the 1980's", February, 1982.

COMMUNICATION (continued)

STEARMAN, ALLYN MACLEAN, "Working the Africans in Eastern Bolivia." Australian Bee Journal. Vol. 62, No. 5 May 1981. Reprinted from the American Bee Journal. International

Keynote - Industrial Communication Association in Houston, Texas, "Canons of Communication, October 12, 1981. National.

Keynote - 7th Annual Conference of the Florida State Advisory Council on Vocational and Technical Education, "The How and Now of Classroom Communication," Orlando, October 29, 1981. State.

Addressed Florida Conclave of the Lambda Chi Alpha Fraternity on "Improving Organizational Communication," Orlando, February 27, 1982. State.

Addressed (keynote) Florida Phi Beta Lambda/Future Business Leaders of America Annual Convention, Orlando on topic "Your Success Through Leadership," May, 1982.

Addressed four classes in Business Communication (2 sessions) on "Consulting in Organizational Communication," Rollins College, Winter Park, February 23, 1982.

PROFESSIONAL PAPERS, EXHIBITS, SHOWS
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COMPUTER SCIENCE

ANDREWS, BERNICE DOERR, "Issues in Instructional Computing," (with Pristine Bird, Dale Brushwood, Sylvia Carp, Bill Evans, and Nelson Towle), Florida Instructional Computing Conference, Local, February, 1982.

ANDREWS, BERNICE DOERR, "What Should Be Included in Computer Literacy Training for Teachers?", Association of Education Data Systems, 20th Annual Convention, Local, May, 1982.

BASSIOUNI, MOSTAFA, "A semi-Markov model for file access behavior of tasks" (with J. R. Spirn), Proceedings, 13th Annual Modeling and Simulation Conference, Pittsburgh, Pennsylvania, April, 1982, National.

FREDERICK, TERRY J., "Future of Management Information Systems," Florida Executives Association, Orlando, Local, August, 1981, Invited.

FREDERICK, TERRY J., "Some Concerns Regarding Accreditation in Computer Science," Computer Science Conference, 1982, Indianapolis, Indiana, National, Invited.

FREDERICK, TERRY J., "Some Observations on the Future of Computers," Florida Bankers Association, Orlando, Local, March, 1982, Invited.

GUHA, RATAN K., "Embedding a Tree in the Nearest Neighbor Array," Proceedings of the 1981 International Conference on Parallel Processing, pp. 261-263 (1981), Refereed, International.

HUGHES, CHARLES E., and J. MICHAEL MOSHELL, Computer Power: A Coordinated Series of High School Curricula, Proceedings of AEDS 1982 Conference, Abstract Refereed, Full paper unrefereed, National.

HUGHES, CHARLES E., The Rascal Animation System, New York Academy of Sciences, New York, August 1981, Invited, Non-refereed, National.

HUGHES, CHARLES E., Computer Animation as a Creative Educational Tool, Florida Instructional Computer Conference, Orlando, February 1982, Invited, Non-refereed, Regional.

MUKHOPADHYAY, AMAR, "Embedding a Tree in the Nearest Neighbor Array," Proceedings, 10th International Conference on Parallel Processing, 1981, International, Refereed.

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ENGLISH

DONNELLY, JEROME J.

"JR and the Growth of a Corporate Mind: The Post Modern Child as Entropic Consciousness," presented at the annual meeting of the Modern Language Association, national, December 1981

OMANS, STUART

"Shakespeare and Ordinary People," Nazareth College Shakespeare Conference, Rochester, N.Y., national, November 1981

"Shylock: On The Outside Looking In," Brandeis University National Women's Committee, November 1981

"Shakespeare's Language and What It Tells Us About Character Movement," Volusia Educational Development Center, February 1980

PRICE, MARIAN

"Vocabulary Building" in A Sampler from the NCTE Idea Exchange, Urbana, Illinois: National Council of Teachers of English, 1981

"Recent Work in Paragraph Analysis," Conference on College Composition and Communication, San Francisco, California, March 17-20, 1982

Recent Work on the Paragraph," Wyoming Conference on Freshman and Sophomore English, Laramie, Wyoming, July 6-10, 1981

SOMMER, BETTIE

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

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

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
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FOREIGN LANGUAGES

CERVONE, Anthony 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 City, December 29, 1981.

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
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HISTORY

CREPEAU, Richard C., Moderator, "Sport Education," Clemson University Conference on Sport History, March, 1982.

_____, Commentator on Baseball Seminar, North American Society for Sport History, Kansas State University, May, 1982.

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

_____, "Spanish Colonial Letters in the United States," Modern Language Association, December, 1981.

_____, "Spain in America: The Legacy of Alvar Nunez Cabeza de Vaca," Homenaje a Manuel Gutierrez Mellado, Vice President of Spain, Miami, February, 1982.

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

EVANS, John L., "Ignatiev and His Embassy to Bukhara and Khiva in 1858," Bryn Mawr College, November, 1981.

_____, "Russian Report: A New Look at the USSR and Its Asian Neighbors," Commonwealth Club, Philadelphia, November, 1981.

SHOFNER, Jerrell H., "History of the Supreme Court," Third Annual Dinner Meeting of the Governor's Oral History Program, Governor's Mansion, Tallahassee, May 17, 1982.

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
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HUMANITIES, PHILOSOPHY AND RELIGION

KASSIM, HUSAIN, "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, Florida, (International), November 1981.

"Phenomenology and Psychoanalysis of Suicide in Jean-Paul Sartre," World Institute for Advanced Phenomenological Research and Learning, Belmont, Massachusetts, (International), March 1982.

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

"Human Needs and Human Rights," Tenth Inter-American Congress of Philosophy, Tallahassee, Florida, (International), October 1981.

"Marxism and Affirmative Action," American Philosophical Association, Philadelphia, Pennsylvania, (National), December 1981.

PROFESSIONAL PAPERS, EXHIBITS, SHOWS
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PRESENTED IN 1981-82

MATHEMATICS AND STATISTICS

ANDREWS, L. C. and R. L. Phillips, "Modeling and Experimental Verification of Laser Scintillation Statistics in Atmospheric Turbulence", Invited paper at the 1981 Annual Meeting of the Optical Society of America (National), Orlando, Fla., Oct. 15, 1981.

ARMSTRONG, L. H., "Mathematical Modeling: A Summer Course for Gifted High School Students", Presented to the Florida Section of the Mathematical Association of America (Regional), Orlando, Fla., March 6, 1982.

CAMPBELL, T., L. A. Franklin and J. K. Butt, "Heterogeneous Rankings of Accounting Departments Based Upon Publication", (Regional), March, 1982.

CULPEPPER, B. and P. N. Somerville, "Choosing the Best Normal Population", Presented to the Florida Chapter of the American Statistical Association (Regional), Orlando, Fla., April 2, 1982.

MONLEZUN, C. J. and L. C. Malone, "Repeated Measures Designs", Presented to the American Statistical Association (National), Detroit, Michigan, August, 1981.

PHILLIPS, R. L. and Andrews, L. C., "Analysis of Noise in Phase Detection in a Fibre Optics Rate Sensor", Presented to the International Meeting on Fibre Optic Sensors (International), Massachusetts Institute of Technology, Boston, Mass., Nov. 7, 1981.

SHERWOOD, H., "Dominates, a Relation on Triangular Norms", Invited paper at the Nineteenth International Symposium on Functional Equations (International), Nantes, France, May, 1981.

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

PROFESSIONAL PAPERS, EXHIBITS,
SHOWS, PERFORMANCES, SEMINARS OR WORKSHOPS
PRESENTED IN 1981-82

MUSIC

EUBANK, Lee E.

Performances

Approximately 15 String Demonstrations; In-School Concerts.
Approximately 40 Concerts as Orchestral Bassist in the Central Florida area.

Workshops

Consultant chosen to teach music to selected Volusia county gifted students:
Funded through an FEA Title IVC Grant.

FARINA, Anna C.

Performances

Pianist for four student recitals.
Harpsichordist for Choir Concert at Eustis Presbyterian Church
03/21/82 - UCF Faculty Artist Series
04/17/82 - UCF Faculty Artist Series

Workshops

01/23/82 - Conducted Piano Pedagogy Workshop for Lake County Music Teachers Assn.

GARDNER, Jerry Y.

Performances

06/15/81 - FLYWE Concert, Sheraton Hotel, Orlando
06/30/81 - Summer Band Concert, Park Avenue, Winter Park
09/26/81 - UCF Wind Ensemble Concert, International Airport, Orlando
10/03/81 - UCF Wind Ensemble Concert, Lake Buena Vista
10/30/81 - Band Nigh Concert, UCF Gym
12/08/81 - Wind Ensemble Concert, UCF

Eight pre-game and half-time shows for UCF Marching Band
Four parades in the Orlando Area (including Disney World Tencennial)

Guest Conductor for Four Honor Bands

MUSIC (Continued)

LESKO, Eric

Performances

- 07/21/81 - Deland Museum Recital
- 08/23/81 - Loch Haven Art Center Recital
- 09/28/81 - Recital at Winter Park High School
- 10/02/81 - Florida Music Educators Association Recital
- 10/09/81 - UCF Faculty Artist Series
- 10/13/81 - Deland Museum Recital
- 10/24/81 - American String Teachers Association Recital
- 11/14/81 - Saturday's Children's Music Workshop
- 12/10/81 - Madrigal Dinner Recital
- 01/13/82 - Wednesday Music Club Recital
- 01/17/82 - St. Augustine Recital
- 01/31/82 - Lakeland Polk Museum
- 01/29/82 - Westminster Towers Recital
- 02/09/82 - Miami Dade Community College Recital
- 02/22/82 - Morrison United Methodist Church Recital
- 03/21/82 - UCF Faculty Artist Recital
- 03/21/82 - St. John's Passion Recital
- 04/17/82 - UCF Faculty Artist Recital
- 04/18/82 - Loch Haven Art Center Recital

MARTELL, Frederick

Performances

- 08/23/81 - Loch Haven Art Center Recital
- 09/26, 09/26, 10/2, 10/3, and 10/4 - Encore Opera Performances, Valencia
- 10/09/81 - UCF Faculty Artist Series
- 10/22/81 - University of Hartford Recital
- 11/20/81 - UCF Faculty Artist Series
- 11/29/81 - Messiah Recital, Bob Carr Auditorium
- 11/24/81 - Messiah Recital, Orlando Lutheran Towers
- 12/05/81 - Les Noces Performances, Wesleyan University
- 12/13/81 - Messiah, Lake Sumpter Community College
- 12/24/81 - Messiah, Our Lake of Pompei, New York City
- 01/17/82 - St. Augustine Recital
- 02/09/82 - Miami Dade Community College Recital
- 09/22/82 - Morrison United Methodist Church Recital
- 03/11, 03/14 - Encore Opera Performances, Valencia
- 03/21/82 - St. John Passion Recital, Park Lake Presbyterian
- 03/28/82 - UCF Friends of Music Concert, Park Lake Presbyterian
- 05/06/82 - Recital with Florida Symphony, Bob Carr Auditorium
- 05/16/82 - St. John Lutheran Church Recital

OWENS, William S.

Performances

- 10/08/81 - UCF Faculty Artist Series
- 10/25/81 - UCF Faculty Artist Series
- 01/31/82 - UCF Faculty Artist Series
- 03/21/82 - UCF Faculty Artist Series

MUSIC (Continued)

OWENS, William S. (Continued)

Workshops

Lecture/Demonstration FBA at local high schools, January, 1982
UCF, Summer, 1982, Clarinet Workshop

PICKERING, Roy

Performances

07/04/81 - Recital at Lake Eola with Florida Symphony
08/14/81 - Recital/Clinic for FBA, UCF
10/24/81 - UCF Brass Quintet Performance, United Methodist Church, Union Park
11/01/81 - "Faust" Performance with Florida Symphony
12/04/81 - UCF Brass Ensemble Performance, Maitland Presbyterian Church
12/08/81 - Soloist with UCF Wind Ensemble
12/09/81 - Trombone Christmas at Altamonte Mall
12/20/81 - Recital with Florida Symphony, Christmas Trust Fund Program
01/19/82 - UCF Wind Ensemble Soloist - Nashville, Tennessee
01/26/82 - Performance and clinic at Valencia Community College
02/28/82 - UCF Brass Ensemble Performance, Cathedral of St. Lukes
03/02/82 - UCF Brass Ensemble Recital at Pinar Elementary

STENBERG, Patricia

Performances

06/29/81 - Concert on UCF Campus for High School Oboe Workshop
08/12, 08/15, 08/19, and 08/22 - Concert for Chamber Music Conference, Bennington, Vt.
10/04/81 - UCF Orchestra Concert at Lake Buena Vista
10/08/81 - UCF Faculty Woodwind Quintet Concert
10/25/81 - UCF Orchestra Concert on UCF Campus
10/28-29/81 - Five concerts with Florida West Coast Symphony in Sarasota
12/04/81 - UCF Chorus and Orchestra Concert
12/07/81 - UCF Chorus and Orchestra in Messiah Sing-Along, UCF
12/11/81 - FWCSO Concert in Bradenton
12/12/81 - FWCSO Concert in Sarasota
12/12/81 - FWCSO Concert in Sarasota
01/08/82 - UCF Double-Reed Band Concert, Daytona Beach
01/15/82 - FWCSO Concert in Bradenton
01/16/82 - Two FWCSO Concerts in Sarasota
02/06/82 - Concert for SAI Florida State Convention, Tampa
02/11/82 - Recording of original music for Asolo Theater production of
Midsummer Night's Dream
02/13/82 - Two FWCSO Concerts in Sarasota
02/21/82 - UCF Orchestra Concert
02/26/82 - FWCSO Concert in Bradenton
02/27/82 - Two FWCSO Concerts in Sarasota
03/26/82 - FWCSO Concert in Bradenton

MUSIC (Continued)

STENBERG, Patricia (Continued)

Performances

- 03/27/82 - Two FWCSO Concerts in Sarasota
- 04/04/82 - Oboe Soloist with Audubon String Quartet, UCF
- 04/18/82 - UCF Orchestra Concert
- 05/02/82 - Concert with UCF Faculty Woodwind Quintet, Loch Haven
- 05/27-28/82 - Recorder Soloist in "Noye's Fludde" at St. Luke's Cathedral, Orlando

Workshops

- 10/03/81 - Leadership and Recruitment Workshop for SMEA Meeting, UCF
- 11/06/81 - Workshop on Musical Phrasing for Manatee Junior College
- 01/07/82 - Recorder Workshop for FMEA Meeting in Daytona Beach
- 01/08/82 - Recorder Workshop for FMEA Meeting in Daytona Beach
- 02/06/82 - Leadership Workshop for Sigma Alpha Iota Florida State Convention, Tampa
- 03/09/82 - Oboe Clinic for Daytona Beach Seabreeze High School

SZABO, Burt

Workshops

- 02/81 - Conducted Music Workshops for 140 male singers
- 06/81 - Taught music arranging workshop at Kenyon College, Ohio
- 06/81 - Taught music workshop for Sweet Adelines at Rollins College
- 08/81 - Taught music arranging one week workshop in St. Joseph, MO

Musical Compositions completed:

- Five songs for Bariton voice and piano
- Blessed Art Thou - Anthem for mixed voices

VOELKER, Dale F.

Performances

- 10/03/81 - Women's Chorus, Lake Buena Vista
- 10/23/81 - University Choir Concert, Lake Eola
- 12/06/81 - University Choir, Hawthorne, Leesburg
- 12/10, 12/11, and 12/12/81 - Madrial Dinners
- 12/04/81 - University Choir, First Presbyterian, Maitland
- 03/04/82 - Chamber Singers Tour, Savannah, GA - Two Performances
- 03/25/82 - Women's Choir, Cocoa High School
- 03/21/82 - St. John Passion (Choir)
- 04/14/82 - University Choir, Lakeland High School
- 04/23/82 - Chamber Singers Concert, St. Lukes Cathedral, Orlando

MUSIC (Continued)

WRANCHER, Elizabeth

Performances

- 07/03, 07/08,
08/02/81 - Soloist - First Baptist Church, Winter Park
09/24/81 - Soloist for Business Women's Association of Orlando
10/03/81 - Concert for FSMTA, Ft. Myers
10/18/81 - Concert for Hawthorne Retirement Center, Leesburg
10/25/81 - UCF Faculty Artist Series
11/01/81 - Guest Soloist, Aloma Methodist Church, Winter Park
12/03/81 - UCF Forum Series
12/04/81 - Messiah Soloist, UCF
12/20/81 - Messiah Soloist, First Baptist Church, Winter Park
01/03/82 - Soloist, First Baptist Church, Winter Park
01/17/82 - Soloist, Aloma United Methodist Church, Winter Park
01/28/82 - Opera Forum UCF
02/07/82 - Soloist, Aloma Baptist Church
02/24/82 - Soloist for Revival, First Baptist Church, Winter Park
03/01/82 - Soloist, Main Street Baptist Church, Leesburg
03/04/82 - Soloist for Revival at Main Street Baptist Church, Leesburg
03/21/82 - Soloist, St. John's Passion, First Methodist Church, Orlando
04/09/82 - Soloist, Good Friday Services, Oakland Pres. Church
04/11/82 - Concert Cantata "Then Came Sunday", First Baptist Church, Winter Park
04/15/82 - Concert Opera Soloist - Act III - Tannhauser (Wagner), Rollins College
05/16/82 - Soloist in Beethoven's Ninth Symphony, St. Johns Lutheran Church

WOLF, James G.

Performances

- 07/10-13/81 - Annual Piano Workshop - Played an evening recital as well as
lecture performances, etc., UCF
09/27/81 - Solo recital - Milligan University and East Tennessee State University,
Johnson City, Tennessee
09/29/81 - Solo recital - Morehead State University, Morehead, KY
10/03/81 - Solo recital - District IX FSMTA One-Day Convention, Ft. Myers, FL
10/18/81 - Chamber Music Recital - Hawthorne Center, Leesburg
10/25/81 - Faculty Artist Series with Steve Owens, UCF
11/01/81 - Soloist with Audubon String Quartet, UCF
11/06/81 - Guest Artist - solo recital for State Convention of South Carolina MTA
Converse College, Spartanburg, SC
11/15/81 - Solo Recital - UCF Faculty Artist Series - Loch Haven Art Center
11/20/81 - UCF Faculty Artist Series
12/08/81 - Solo recital for Winter Park Women's Club, Winter Park
12/09/81 - UCF Faculty Artist Series
01/10/81 - Recital at Presbyterian Church, Clearwater
01/13/82 - Recital - Wednesday Music Club, Winter Park
02/09/82 - Solo Recital - Florida Junior College, Jacksonville
02/18/82 - Mini-recital with Dr. Ralph Appelman, UCF
02/28/82 - UCF Faculty Artist Series
03/05/82 - Recital at Westminster Towers, Orlando
03/10/82 - Mini-recital at Harley Hotel, Orlando
03/24/82 - Recital at Valencia Community College

MUSIC (Continued)

WOLF, James G.

Performances (Continued)

- 03/28/82 - Friends of Music Concert, Park Lake Presbyterian Church
- 04/10/82 - Soloist with UCF Faculty String Quartet, UCF
- 04/13/82 - Solo Recital - Eustis Presbyterian Church
- 04/24/82 - Solo Recital - Florida International University, Miami
- 04/27/82 - Recital with Andrew Coburn, UCF
- 05/02/82 - Solo recital - Westminster Towers, Orlando
- 05/05/82 - Recital with Rollie Walker, UCF
- 05/17/82 - Recital with Peter Wright, Jacksonville University
- 06/10/82 - Solo Recital - Coe College Cedar Rapids, Iowa

Workshops

- Workshop for Piano Teachers and Students - Annual event, July 10-13, 1981
- Workshop for District IX FSMTA - One-day Convention, Ft. Myers, Florida
October 3, 1981
- Workshop for South Carolina MTA Annual State Convention - Guest Clinician.
Converse College, Spartanburg, SC, November 5-6, 1981
- Workshop for Jacksonville MTA, Florida Junior College, Jacksonville,
February 10, 1982
- Workshop for Annual Piano Clinic, Coe College, Cedar Rapids, Iowa, June 12, 1982

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
PERFORMANCES, SYMPOSIA, SEMINARS, OR WORKSHOPS PRESENTED IN
1981-82

PHYSICS

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

BRENNAN, J. J., "LOGO Computer Language for Primary Schools," Orlando, local, to Orange County Directors of Elementary Schools, September, 1981.

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

with J. H. Noon, "Physics at UCF," state, Tampa, Florida section American Association of Physics Teachers, October, 1981.

with J. A. Meyers, "Microcomputers in the Physics Classroom," state, Orlando, Florida Instructional Computing Conference, February, 1982.

"Improvement in Physics Education," local, Orlando, February, 1982.

"Preparing Students for the 21st Century," state, DeLand, Florida Section American Association of Physics Teachers, April, 1982.

"Physical Science Activities," local, Seminole Community College, workshop for science teachers, August, 1981.

"Physical Science and LOGO in Elementary Schools," local, for Webster Elementary School teachers, March, 1982.

"LOGO in Physical Science for Elementary School Teachers," listed in A Microcomputer Directory compiled by Harvard Graduate School of Education, 1982, national.

KIRKLAND, E. R., "Dimensional Analysis in Problem Solving," state, DeLand, Florida Section American Association of Physics Teachers, April, 1982.

MEYERS, J. A., "Computer Modeling Phenomena for Labs on a TI 58 Pocket Calculator," state, DeLand, Florida Section, American Association of Physics Teachers, April, 1982.

OELFKE, W. C., "Student Seminar on Quantum Non-Demolition," international, NATO Conference, Bad Windsheim, Germany, August, 1981.

with G. Spetz, "A Limited Quantum Non-Demolition Scheme," regional, New Orleans, November, 1981.

PHYSICS (Continued)

OELFKE, W. C., "Measuring the Inmeasurable," local, Sigma Xi Lecture, UCF, April, 1982.

REMBIESA, P., "Mean Field Expansion in Quantum Field Theory," local, University of Georgia, January, 1982.

"Four Fermion Interaction in the Mean-Field Expansion. Formation of Cooper Pairs in Four Dimensions," state, DeLand, Florida Section American Association of Physics Teachers, April, 1982.

"Symmetry Breaking Solutions of the Dyson-Schwinger Equation," state, DeLand, Florida Section American Association of Physics Teachers, April, 1982.

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
PERFORMANCES, SYMPOSIA, SEMINARS, OR WORKSHOPS PRESENTED IN
1981-82

POLITICAL SCIENCE

- BLEDSON, ROBERT L. (co-author) "A Longitudinal Analysis of Perceived Russian/Soviet Force Levels: 1830-1980," International Conference of Political Psychology, University of Mannheim, West Germany, Summer 1981. (international)
- HANDBERG, ROGER (co-author) Public Images of Courts: Dimensions of Support and Nonsupport, presented at Annual Meeting of the Law & Society Association, Toronto, June 1982. (international)
- HANDBERG, ROGER (co-author) Public Opinion About Science: Isolating Correlates of Support and Nonsupport for Science and Technology, presented at Annual Meeting of Southwest Political Science Association, San Antonio, Texas, March 1982. (national)
- HANDBERG, ROGER (co-author) Through the Warped Looking Glass: Television's Cultural Impact on the Trial Process, presented at Annual Meeting of the Academy of Criminal Justice Sciences, Louisville, March 1982. (national)
- HANDBERG, ROGER (co-author) Crime, Punishment, and Deterrence: The Impact of an Execution on Attitudes Toward the Death Penalty, presented at Annual Meeting of the Academy of Criminal Justice Sciences, Louisville, March 1982. (national)
- HANDBERG, ROGER (co-author) Creating New Cleavages Among Party Elites: Reform and Its Consequences in Florida, presented at Annual Meeting of the Southern Political Science Association, Memphis, November 1981. (national)
- HANDBERG, ROGER (co-author) Public Controversy and Science Policy: Genetic Engineering, Genetic Research, and Public Support, presented at Annual Meeting of American Political Science Association and the Association for Politics and the Life Sciences, New York, September 1981. (national)
- JOHNSON-FREESE, JOAN "Reagan and The Reprocessing of Nuclear Fuel: Policy and Problems," presented at Southwest Political Science Association, San Antonio, Texas, March 1982. (refereed, regional)
- JOHNSON-FREESE, JOAN "Prospects of Nuclear Energy Use in Third World Countries: Effects of Supplier Group Guidelines," presented at International Studies Association, Cincinnati, March 1982. (refereed, national)

POLITICAL SCIENCE (Continued)

- JOHNSON-FREESE, JOAN "The NNPA of 1978: Interpretations and Implications," presented at Florida Political Science Association meeting, Tampa, April 1982. (refereed, state)
- LILIE, JOYCE R. (co-author) "Women on the State Courts: Attitudinal Patterns," presented at Western Social Science Association, Denver, April 1982. (national)
- MORALES, WALTRAUD Q. "The State and Corporatism in Latin America," presented at Annual Meeting of the American Political Science Association, New York, September 1981. (refereed, national)
- MORALES, WALTRAUD Q. "Philosophers, Ideology, and Social Change in Bolivia," presented at Annual Meeting of the Latin American Studies Association, Washington, DC, March 1982. (refereed, national)
- MORALES, WALTRAUD Q. "Television Reporting of Latin America: The Case of Cuba," presented at Annual Meeting of the International Studies Association, Cincinnati, March 1982. (refereed, national)
- STERN, MARK (co-author) "Creating New Cleavages Among Party Elites: Reform and Its Consequences in Florida," presented at Annual Meeting of the Southern Political Science Association, Memphis, November 1981. (refereed, national)
- STERN, MARK "The 1980 Elections: Change and Continuity in Florida Politics," presented at 1982 Citadel Symposium on Southern Politics, Charleston, SC, March 1982. (refereed)
- STERN, MARK (co-author) "Party Reform and Party Change," presented at Annual Meeting of the Midwest Political Science Association, Cincinnati, April 1982. (refereed)

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
PERFORMANCES, SYMPOSIA, SEMINARS, OR WORKSHOPS PRESENTED IN
1981-82

PSYCHOLOGY

BLAU, B. I. Speech on Application of Exercise to Physical & Mental Health, West Orange Kiwanis Breakfast Meeting, Orlando, Florida, Sept. 8, 1981.

BLAU, B. I. WHOO Radio interview: Economic Influences on Physiological Depression, Orlando, Florida, Sept. 9, 1981.

BLAU, B. I., McGuire, J. M., Burroughs, W. A., Secunda, M. Psychobiomotor Correlates of Football Playing Ability, 2nd International Conference on the 16PF, New Orleans, Louisiana, March, 1982. International.

BLAU, B. I. Free to be Me: Exploring Self-Esteem (3 presentations) Women's Worry Clinic, Orlando, Florida, March 19, 1982.

BLAU, B. I., Guest, S. S., McGuire, J. M., Roman, D. Relationship between Creativity, Intelligence & Sex Roles in College Students, presented at Southeastern Psychological Association (SEPA), New Orleans, Louisiana, March 25, 1982. Refereed, regional.

Blau, B. I., McGuire, J. M., Fisher, R. D., & 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. Presented at Southeastern Psychological Association (SEPA) New Orleans, Louisiana, March 25, 1982. Refereed, regional.

BLAU, B. I., McGuire, J. M., Taylor, D. Feedback and Self-Disclosure in Experiential Groups--A Methodology. Presented at Florida Psychological Association (FPA) May 20, 1982, Sarasota, Florida. Refereed, state.

BLAU, B. I., McGuire, J. M., Zegman, M. A., Rodgers, T. A Comparison of Current Close Friendships and Lapsed Close Friendships. Presented at Florida Psychological Association (FPA) Sarasota, Florida, May 20, 1982. Refereed, state.

BROPHY, J. C. Some beginning applications of the Apple Computer for Physiological Psychology. 4th National Institute for Teaching Undergraduate Psychology, Clearwater, Florida, Jan. 4-5, 1982.

BROPHY, J. C. Computers in Teaching, workshop on educational applications for the Apple Computers, National Institute of Teaching Undergraduate Psychology, Clearwater, Florida, Jan. 4-5, 1982.

BURR, D. E. S. & Nelson, T. Handguns in Florida: Patterns of Acquisition, Use and Transfer. Academy of Criminal Justice Sciences, Louisville, Kentucky, March 24, 1982. Peer reviewed, refereed, national.

BURR, D. E. S. & Nelson, T. Handguns in Florida, Public Attitudes Toward Handgun Regulation Strategies, Academy of Criminal Justice Sciences, Louisville, Kentucky, March 24, 1982. Peer reviewed, refereed, national.

PROFESSIONAL PAPERS, ETC. con't.
PSYCHOLOGY

BURROUGHS, W. A. Evaluation of a Visual Training Workshop for Professional Baseball Batters. Southeastern Psychological Association (SEPA) New Orleans, Louisiana, March 25, 1982. Refereed, regional.

BURROUGHS, W. A. & McDonald, E. The Effects of Local Union Bargaining Strength on Members' Perceptions and Job Satisfaction. Southeastern Psychological Association (SEPA), New Orleans, Louisiana, March 25, 1982. Refereed, regional.

BURROUGHS, W. A., Tomporowski, P. & Schlessner, F. Sport & Psychology Symposium participant, Southeastern Psychological Association (SEPA) New Orleans, Louisiana, March 26, 1982. Refereed, regional.

BURROUGHS, W. A., Blau, B. I., McGuire, J. M., Secunda, M. Psychobiomotor Correlates of Football Playing Ability, 2nd International Conference on the 16PF, New Orleans, Louisiana. International, March, 1982.

BURROUGHS, W. A. Speech on Visual Training & Athletic Performance to the Central Florida Chapter of the National Society for Performance & Instruction (NSPI), Oct. 29, 1981.

FISHER, R. D. Appearance on Channel 24's Postscripts program discussing the Bush/Trask Amendment, Orlando, Florida, Fall, 1981-82.

FISHER, R. D. Speech on Sex Education and the Moral Majority for the Unitarian Men's Club on Sex Education, Orlando, Florida, Fall, 1981-82.

FISHER, R. D., Blau, B. I., McGuire, J. M., 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. Presented at Southeastern Psychological Association (SEPA) New Orleans, Louisiana, March 25, 1982. Refereed, regional.

GUEST, S. S., Stern, M., Handberg, R. Creating new Cleavages among Party Elites: Reform and its Consequences for Florida Delegates. Presented at Southern Political Science Association, Memphis Tennessee Nov. 4, 1981. Peer reviewed, regional.

GUEST, S.S. Workshop on "Adolescent Sexuality" for School Health Professionals at state conference, Orlando, Florida, Nov. 17, 1981.

GUEST, S. S. Speech on "Coping with Divorce over the Holidays" for the Good Shepherd Parish Ministry to the Separated/Divorced, Orlando, Florida, Nov. 17, 1981.

GUEST, S. S. T. V. interview on Contact with Alan Rock. Spoke on "Sexuality and Sex Therapy", Orlando, Florida, Dec. 16, 1981.

GUEST, S. S. Inservice Training on "Intake Interviewing" for staff at Southwest Community Mental Health Center, Orlando, Florida, Jan. 8, 1982.

GUEST, S. S. T.V. interview on "Contact with Alan Rock", nationally syndicated T.V. show. Spoke on "Sex Differences". Orlando, Florida, Feb. 7, 1982.

PROFESSIONAL PAPERS, ETC. con't.
PSYCHOLOGY

GUEST, S. S. Newspaper Interview, "Turning 30", Sentinel Star, Orlando, Florida, March 6, 1982.

GUEST, S. S. Speech on "Women's Sexuality" for UCF Women's Week, Orlando, Florida, March 23, 1982.

GUEST, S. S. & Roman, D. Relationship between Creativity, Intelligence & Sex Role in College Students. Presented at Southeastern Psychological Association (SEPA) New Orleans, Louisiana, March 25, 1982. Peer reviewed, regional.

GUEST, S. S. & Givens, L. Relationship of Sex Role, Sex & Self-Assertion to Perceptions of Assertive & Non-Assertive Behaviors. Presented at Southeastern Psychological Association (SEPA) New Orleans, Louisiana, March 24, 1982. Peer reviewed, regional.

GUEST, S. S., McGuire, J. M., Diebel, A. Sexual Adjustment & Sex Role Orientation during Pregnancy: A Look at the Husband's Data. Presented at Southeastern Psychological Association (SEPA), New Orleans, Louisiana, March, 1982. Refereed, regional.

MCGUIRE, J. M. One 1-hour presentation on Children's Sexuality, Understanding Children Seminar Series, Florida Hospital, Orlando, Florida, Fall, 1981.

MCGUIRE, J. M. Two 1-hour presentations on Parent-Child Relationships. John Knox Presbyterian Church, Orlando, Florida, Fall, 1981.

MCGUIRE, J.M. Two 1-hour Lamaze Childbirth Class presentations, Oct. 1981, Feb. 1982.

MCGUIRE, J. M. Interview-article on Depression, Little Sentinel, Dec. 23, 1981.

MCGUIRE, J. M. Seven 1-hour discussion group leadership sessions. F. Dobson Film Series - Focus on the Family. First Presbyterian Church, Maitland, Florida, Feb. & March, 1982.

MCGUIRE, J. M. Presentation: Innovative Techniques in the Training of Counseling microskills: The Use of Interactive Videotape. 18th Annual Southeastern Conference of Counseling Center Personnel, Winter Park, Florida, Oct., 1981. Invitational, regional.

MCGUIRE, J. M., Blau, B. I., Burroughs, W. A., Secunda, M. Psychobiomotor Correlates of Football Playing Ability, 2nd International Conference on the 16PF, New Orleans, Louisiana, March, 1982. International.

MCGUIRE, J. M., Guest, S. S., Diebel, A. Sexual Adjustment & Sex Role Orientation during Pregnancy: A Look at the Husband's Data. Presented at Southeastern Psychological Association (SEPA) New Orleans, Louisiana, March, 1982. Refereed, regional.

PROFESSIONAL PAPERS, ETC. con't.
PSYCHOLOGY

MCGUIRE, J. M., Blau, B. I., Fisher, R. D., McGolrick, S. The relationship between a Mother's Knowledge of Human Sexual Reproduction and her Child Rearing Attitudes Toward her Preschool Child's Emerging Sexuality. Presented at Southeastern Psychological Association (SEPA) March 25, 1982. Refereed, regional.

MCGUIRE, J. M., Blau, B. I., Guest, S. S., Roman, D. The Relationship between Creativity, Intelligence & Sex-Roles in College Students. Presented at Southeastern Psychological Association (SEPA) New Orleans, Louisiana, March 25, 1982. Refereed, regional.

MCGUIRE, J. M., Blau, B. I., Taylor, J. Feedback & Self-Disclosure in Experiential Groups--A Methodology. Presented at Florida Psychological Association (FPA) Sarasota, Florida May 20, 1982. Refereed, state.

MCGUIRE, J. M., Blau, B. I., Zegman, M. A. & Rodgers, T. A Comparison of Current Close Friendships & Lapsed Close Friendships. Presented at Florida Psychological Association (FPA) Sarasota, Florida May 20, 1982. Refereed, state.

MCGUIRE, J. M. & Borowy, T. Levels of Counselor Awareness, presented to Florida Psychological Association (FPA) May 20, 1982. Refereed, state.

TELL, P. M. Workshop on Neuropsychological Assessment of Children to Seminole County School Psychologists, March, 1982.

TELL, P. M. Workshop on the Clinical Treatment of Agoraphobia to La Amistad staff, Orlando, Florida, Nov., 1981.

THOMAS, M. H. Performed as delegate to Governor's Council on Children & Youth (Task Force on Social Environment), Orlando, Florida, Nov. 4, 1981.

TUCKER, R. D. How Institutions new to Gerontology Organize a Plan. To be presented at "State Plan for Gerontology in Florida's Universities: Process & Product", Southern Gerontological Society, Orlando, Florida, June 2, 1982. Invited, regional.

TUCKER, R. D. Conducted seminar on Learning Theories, Orange County Police Training, Orlando, Florida, March 15, 1982.

TUCKER, R. D. Delivered keynote address at dedication of Phoenix South, a residential treatment program for drug-dependent adults operated by Thee Door, Orlando, Florida, Oct. 23, 1981.

TUCKER, R. D. Represented Psychology Department at National Merit Scholars reception, UCF, Nov. 18, 1981.

TUCKER, R. D. Served as Volunteer Race Director for Threshold, Inc. Third Annual Run for the Kids, UCF, Orlando, Florida October, 1981.

TUCKER, R. D. Attended and volunteered services for Resource Authority, Action for Independent Maturity (AIM) seminars conducted for personnel representatives from national corporations, Orlando, Florida, Jan. 20, 1982.

TURNAGE, J. J. Performed as participant in Edgewater High School's "Career Day, March 12, 1982.

PROFESSIONAL PAPERS, ETC. con't.
PSYCHOLOGY

WOOTEN, W. Interviewed by Channel 6 as part of "Electronic Lifestyles" special report, October, 1981.

ZEGMAN, M. A. Sex Differences in Assertive Responding Among Preschoolers, presented at Florida Association of Behavior Analysis, Orlando, Florida, Sept., 1981. Refereed, regional.

ZEGMAN, M. A., Baker, B., Brockert, D. Adherence to Proximal vs. Distal Calorie Goals in a Behavioral Weight Control Program. Presented at Florida Association of Behavior Analysis, Orlando, Florida, Sept., 1981. Refereed, regional.

ZEGMAN, M. A., Martin, J. E., Katell, A., & Webster, J. Exercise Adherence: The Impact of Feedback, Praise, & Goal Setting Procedures, presented at the Association for Advancement of Behavioral Therapy, Toronto, Canada, Nov., 1981. Refereed, national.

ZEGMAN, M. A. Women, Weight & Health, presented at the Association for Advancement of Behavior Therapy (by proxy) at the meeting of the Women's Special Interest Group, Toronto, Canada, Nov., 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, Colorado, Nov. 1981. Refereed, international.

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

ZEGMAN, M. A., Assessing the Reliability of Subject's Reports of Caloric Intake. Presented at Southeastern Psychological Association (SEPA), New Orleans, Louisiana, March, 1982. Refereed, regional.

ZEGMAN, M. A., McGuire, J. M., Blau, B. I., & Rodgers, T. A Comparison of Current Close Friendships and Lapsed Close Friendships. Presented at Florida Psychological Association (FPA) Sarasota, Florida, May 20, 1982. Refereed, state.

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
PERFORMANCES, SYMPOSIA, SEMINARS, OR WORKSHOPS PRESENTED IN
1981-82

PUBLIC SERVICE ADMINISTRATION

PAPERS PRESENTED

- AMMONS, JAMES H., "Frostbelt and Sunbelt Cities: A Comparison of Trends," Southwestern Political Science Association, San Antonio, Texas, March 17-20, 1982; refereed, regional.
- BECKER, DONALD C., "Surveying the Need for a University Security Management Degree Program," Academy of Criminal Justice Sciences Annual Meeting, Louisville, Ky., March 23-27, 1982; refereed, national.
- DUFFEY, JEFFERSON S., "The Federal Role in Juvenile Justice," Southeastern Conference on Public Administration, Jackson, Miss., October, 1981; nonrefereed, regional.
- _____, (with L. Frederick Carter), "Whatever Happened to the 'New Public Administration'?" American Society for Public Administration, Annual Meeting, Honolulu, Hawaii, March, 1982; refereed, national.

SEMINARS OR WORKSHOPS CONDUCTED

- CARTER, PATRICIA W., "Wills, Trusts and Estates for Senior Citizens," Orange County Agricultural Extension Service Program, Fall, 1981.
- DUFFEY, JEFFERSON S., "Organizational Conflict and Affirmative Action," City of Melbourne workshop for department heads and administrators, February 20, 1982.
- PYLE, RANSFORD C., "Ethnographic Methodology in Personnel Studies: Gainesville Police Validation Project," Florida Public Personnel Association meeting, St. Augustine, 1981.
- SLAUGHTER, DAVID B., "Legal Rights of Gay Persons," Northeast Orange Mental Health Center, March 9, 1982; repeated at Southeastern Conference of Lesbians and Gays, March 20, 1982.
- _____, "Seminar on Victimless Crimes," University of Central Florida, co-sponsored by Department of Public Service Administration and Student Government Speakers' Bureau, February 1, 1982.
- STALNAKER, FAITH K., "Florida Law and Your Will," Greater Oviedo Recreational Association, January 12, 1982.
- _____, "Economic Recovery Tax Act of 1981 -- Its Impact on You," Winter Park Recreational Club, March, 1982.

PUBLIC PRESENTATIONS

DUFFEY, JEFFERSON S., Discussion on Comparative Justice Systems on "Off the Wall with Allen Moore," Florida Radio Network, February 28, 1982.

SLAUGHTER, DAVID B., Discussion of Bush-Trask Amendment on several radio and television programs including:
The Bud Brewer Show, WKIS, September 24, 1981,
The Noon Eyewitness News, WFTV, October 20, 1981,
The Steve Kane Show, WLOF, November 14, 1981,
Off the Wall with Allen Moore, Florida Radio Network, several occasions.

CONFERENCE PROGRAMS CHAIRED OR COORDINATED

DUFFEY, JEFFERSON S., chairman of 1982 Florida State Conference on Public Administration, Daytona Beach, May 23-25, 1982.

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
PERFORMANCES, SYMPOSIA, SEMINARS, OR WORKSHOPS PRESENTED IN
1981-82

SOCIOLOGY

ABEL, EILEEN MAZUR

"Pre-Retirement Education", Martin Marietta Corp., Orlando. Regional/
Local. September, 1981

BROWN, WILLIAM R., UNKOVIC, CHARLES M., and ALLEN, WILLIAM D.

"Preliminary Support/Resistance Model in Evaluation Research". 1982
Annual Meeting of the Southern Sociological Society, Memphis, Tenn.,
Regional, April 15, 1982

BROWN, WILLIAM R.

"Assessing Measures of Contact Theory". 1982 American Educational
Research Association Annual Meeting, New York City. National, March 1982

GREEN, CHERYL E.

"Interviewing in Program Monitoring", Orlando, Fla., Human Services
Planning Council Evaluation Committee, local. March 11, 1982

GREEN, CHERYL E., ABEL, EILEEN MAZUR, TROPF, WALTER D., and KAZMERSKI, KENNETH J.

"Workshop for Agency Field Educators", Orlando, Florida, Agency Staff from
Central Florida, local. January 4, 1982

GREEN, CHERYL E.

"Brief Psychotherapy with Black Clients", Orlando, Florida. Southwest
Community Mental Health Center, Inc. local October 13, 1981

GREEN, CHERYL E. and KAZMERSKI, KENNETH J.

"Burnout: Detection and Intervention", Orlando, Florida, Florida Assoc.
for Hospital Social Work Directors. regional, November 7, 1981

JONES, DAVID E.

"Saotome: Twentieth Century Samurai" Southwestern Anthropological
Assoc, Sacramento, Calif. National Spring, 1982 (refereed)

KAZMERSKI, KENNETH J., and ABEL, EILEEN MAZUR

"Integrating the 'Isms' in Undergraduate Social Work Education", Council
on Social Work Education annual Program meeting, New York City. National
March 9, 1982

KAZMERSKI, KENNETH J., and ABEL, EILEEN MAZUR

"Fighting the Undertow of Sexism on the Job and at Home," Florida
Association of Health and Social Sciences annual conference, Orlando.
State. October 16, 1981

STEARMAN, ALLYN M.

"A Natural History of Colonization in Santa Cruz, Bolivia: 1952-1981"
University of Florida, International (Papers by Invitation Only)
February 8-11, 1982.

SOCIOLOGY (continued)

TROPF, WALTER D.

"Father Custody and Middle-class Rebellion." Florida Academy of Sciences, 46th annual meeting, Stetson University, Deland, State. April 22-24, 1982 refereed

UNKOVIC, CHARLES M., and IRRGANG, GLORIA

"The Alcoholic Marriage", National Conference for the Prevention of Alcoholism and Other Drugs, Orlando, Florida., national March, 1982

UNKOVIC, CHARLES M.

"The Double Alcoholic Marriage," National Conference on Family Therapy, Tallahassee, Florida, national, March, 1982

PROFESSIONAL PAPERS, EXHIBITS, SHOWS,
PERFORMANCES, SYMPOSIA, SEMINARS OR WORKSHOPS
PRESENTED IN 1981-82

THEATRE

IPPOLITO, JOSEPH, Scenery Design, Little Mary Sunshine, UCF,
Fall 1981.

IPPOLITO, JOSEPH, Scenery Design, The Price, UCF, Spring 1982.

IPPOLITO, JOSEPH, Scenery Design, El Grande de Coca-Cola, UCF,
Spring 1982.

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

IPPOLITO, JOSEPH, Directed, The Drunkard, Daisy's Basement Melo-
drama Theatre, Fall 1981.

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

SMITH, HARRY, Directed, The Price, Fall 1981.

SMITH, HARRY, Presentation on the use of 16mm film in business
and institutional settings, Seminar UCF, February, 1982.

WELSCH, ANNE, Directed, El Grande de Coca-Cola, UCF, Spring 1982.

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

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