REQUEST FOR PROGRAM AUTHORIZATION

BACHELOR OF SCIENCE IN HEALTH SCIENCES

COLLEGE OF ARTS AND SCIENCES
DIVISION OF LIFE AND HEALTH SCIENCES
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The University of West Florida

REQUEST TO OFFER A NEW DEGREE PROGRAM

College Requesting Program: College of Arts and Sciences
Department Requesting Program: Division of Life and Health Sciences
Academic Specialty or Field: Health Sciences
Name of Program Requested: Bachelor of Science in Health Sciences
Proposed Implementation Date: Fall 2005
Proposed Classification of Instruction Program (CIP) Code: 51.0000

The submission of this proposal constitutes a commitment by the Division of Academic Affairs, the appropriate College, and the Department that, if the proposal is approved, the necessary financial commitment and the criteria for establishing new programs have been met prior to the initiation of the program.

Approved for Submission to the UWF Board of Trustees:

____________________________________ Vice President for Academic Affairs, Date____________

____________________________________ President, Date __________

Indicate the dollar amounts appearing as totals for the first and fifth years of implementation as shown in the appropriate summary columns in New Program Table Three. Provide headcount and FTE estimates of majors for years 1 through 5. Headcount and FTE estimates should be identical to those in New Program Table One.

<table>
<thead>
<tr>
<th>Projected Total Estimated Costs (from Table Three)</th>
<th>Student HDCT / FTE (from Table One)</th>
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<tbody>
<tr>
<td>First Year of Implementation $93,109</td>
<td>20 / 11.25</td>
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<tr>
<td>Second Year of Implementation</td>
<td>39 / 26.33</td>
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<tr>
<td>Third Year of Implementation</td>
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<td>Fourth Year of Implementation</td>
<td>90 / 67.5</td>
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<tr>
<td>Fifth Year of Implementation $107,189</td>
<td>130 / 87.76</td>
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</table>
REQUEST TO OFFER A NEW DEGREE PROGRAM

I. PROGRAM DESCRIPTION
Describe the degree program under consideration, including its level, and emphases (including tracks or specializations).

The Division of Life and Health Sciences in the College of Arts and Sciences has formed an Advisory Committee to address the educational needs of the health care community. This committee includes over 20 representatives from the regional health care community. In addition, representatives from area junior colleges and UWF units interested in health-related programs, and choosing to participate in addressing the needs of the health care community through the Division, have participated in the deliberations of the Committee. The Advisory Committee has spent the past year assessing the educational needs of the regional health care industry and developing educational initiatives to respond to those needs. The Committee has determined that a Bachelor of Science in Health Sciences would fill a critical need in the fabric of educational opportunities available to regional health care. The Bachelor of Science in Health Sciences (two-year degree program for junior/community college graduates) will provide the large pool of junior/community college graduates in health programs and health care workers who have earned AA, AS and AAS degrees an opportunity to earn a BS in health sciences with specialization in one of six health-related concentrations deemed most valuable by the Advisory Committee and by data acquired through on-line survey. The concentrations identified as important to the health care community are: (1) Psychology of Health; (2) Medical Information Technology; (3) Medical Ethics; (4) Health Care Administration; (5) Communication; and (6) Aging Studies.

Approximately 300 students receive AS and AAS degrees in health-related areas each year from Pensacola Junior College alone, and estimates from health care community sources suggest that there are literally thousands of employees in regional health care who have earned AS or AAS degrees. A large percentage of these people wish to earn a BS in some health sciences area to advance in position and pay grade. Moreover, an email from the Director of Education at the Navy Hospital included the statement “I got your email about the BSHS from Capt. Tom Kersch. There would be a lot of interested Sailors from the Naval Hospital ….I am getting ready to pass it to the entire command”. On-line surveys have clearly demonstrated strong support for the proposed program from the health care community, the military and from junior/community college graduates. The Provost of the Warrington Campus of Pensacola Junior College, the branch of PJC that awards all of the AS and AAS degrees in health-related Areas, enthusiastically endorses this proposed program and, as a member of the Division Advisory Committee, has participated in its development. Many of the thousands of health care employees in the Florida Panhandle working in the private, public and military sectors of health care who currently hold two-year degrees (A.A., A.S. and A.A.S.) need a health-oriented B.S. for advancement in
their area of employment or to enable them to move into another area of employment within health care. The degree was designed by a subcommittee to the Advisory Committee which included people from several areas of health care. The entire Advisory Committee was involved in identifying an initial list of tracks within this degree that addressed critical areas in health care. The proposed degree was then submitted to evaluation via on-line survey by those who would be enrolling in the proposed program. Over 400 individuals took this survey. This allowed us to evaluate the need and interest in the degree and its proposed tracks. Six tracks were identified by these processes as being of greatest importance in addressing the needs of the target audience: Psychology of Health, Medical Information Technology, Health Care Ethics, Communication, Aging Studies and Health care Administration. The idea of these tracks and the purpose of the degree program were presented to the chairs of appropriate units at UWF: Psychology, Computer Sciences, the Center for Health Care Ethics, Communication Arts, Social Work and College of Business, respectively. These units identified the courses that would be most appropriate for their track. This tiered approach to degree development in which several layers of expertise and input were used to arrive at the final educational product, engaged leaders in the health care community, the target pool of students and the academic units with expertise in each of the areas identified as important. The proposed BSHS is in keeping with the core philosophy of the Division, that development of programs to serve the educational needs of regional health care must be pan-University efforts, employing the diverse strengths and expertise across the UWF campus in development and implementation of all programs. This approach allows efficient use of resources and helps the broadest range of academic units benefit from the FTE’s generated through the program.

This proposed program was approved for exploration and planning by the UWF Board of Trustees Academic and Student Affairs Committee 11/2003. The proposed program is aligned with the UWF Mission Statement in the UWF Partnership Strategic Plan in that it addresses an important regional need in education.

II. INSTITUTIONAL MISSION

Is the proposed program listed on the current List of Proposed New Degree Programs for Exploration, Planning, and Implementation? How do the goals of the proposed program relate to the UWF mission statement as contained in the Partnership Strategic Plan.

The proposed program is listed on the current list of Proposed New Degree Programs for Exploration, Planning and Implementation and was approved by the UWF BOT A&SA on 11/2003 (Appendix A). The goals of the proposed program are the same as those of all of the programs under the Division of Life and Health Sciences (DLHS) which are designed through a pan-university and pan-community planning effort to address specific needs of regional health care. This approach clearly aligns UWF services with community needs and interests and has been developed through teamwork and collaboration between units within UWF, and between UWF and people, state and federal agencies and private businesses in the regional health care
community. Clearly, graduates of this program will be prepared to help solve regional problems in the health care arena and will enhance the quality of life through improvement in health care. The proposed BSHS directly targets an area in education that addresses key health issues at the regional, national and international levels.

Broad collaboration has been the central theme in development of the BSHS. The process engaged multiple UWF units as well as community partners at several different levels. For example, planning and development of the proposed BSHS engaged the Departments of Psychology, Communication Art, Computer Sciences, Biology, and programs in Nursing and Medical Technology within the College of Arts and Sciences, several departments in the College of Business, the Department of Social Work and the Center on Aging in the College of Professional Studies as well as personnel from regional hospitals and 22 representatives from many different walks of regional health care.

The Mission Statement for the Division of Life and Health Sciences (see below) provided direction for development of the BSHS and clearly demonstrates a strong alignment with the mission and goals of The University of West Florida.

**DIVISION OF LIFE AND HEALTH SCIENCES STRATEGIC PLAN**

**Vision:**
The Division will be the principal center of education, research, and academic public service in the life and health sciences in Northwest Florida. The efforts of the Division to accomplish these goals will be integrated into a mosaic of collaboration with the health care community and the health-related programs at area junior colleges, and will engage UWF units that have the expertise and desire to participate in the programs offered through the Division.

**Mission:**
In keeping with the University mission, the Division of Life and Health Sciences (DLHS) is dedicated to the creation, transmission, application and preservation of knowledge. Within this framework, the primary mission of the DLHS is to develop and offer formal educational programs in the life and health sciences to current and future students and to be a vital source of well-trained and highly skilled graduates to the local, regional and national health care and life sciences communities.

**Values:**
1. **Integrity and candor** in the pursuit of knowledge through intellectual inquiry and discourse
2. **Dedication** to and innovation in educating our students to excel
3. **Excellence** in teaching, research, and service
4. **Creativity** in designing and implementing our programs to fit the needs of the region
5. **Cooperation and Collaboration** with community and UWF partners in providing quality education in the life and health sciences
6. **Diversity** in thought, attitude, understanding, appreciation and practice
7. **Responsibility** in managing, utilizing and protecting our resources and the environment
8. **Concern** over the creation of a safe and dynamic learning environment that encourages development of individual potential

This interdisciplinary program is designed for health care personnel who are graduates of accredited A.A., A.S. or A.A.S. degree programs (or equivalent). It is proposed in direct response to a strong need for a BS degree in the health sciences for students who have earned the aforementioned degrees and for the large pool of health care workers with similar degrees who need a bachelors degree for advancement in their current positions or in related areas in health care. It allows eligible students to build upon their previous education and training, receive credit for their prior education, and complete requirements for the B.S. degree in health sciences with specialization in one of six following health-related concentrations: (1) Behavioral Health; (2) Medical Information Technology; (3) Medical Ethics; (4) Health Care Administration; (5) Health Communication; and (6) Aging Studies.

### III. PLANNING PROCESS AND TIMETABLE

Describe the planning process leading up to submission of this proposal. Include a chronology of activities, listing UWF personnel directly involved and any external individuals who participated in the planning. Provide a timetable of events for the implementation of the program.

The selection and design of the proposed BSHS was a collaborative process which involved, at UWF, the College of Business (Ed Ranelli), the College of Arts and Sciences (Kitty Fouche & George Ellenberg), the Division of Life and Health Sciences (George Stewart) and representatives from the Center for Health Care Ethics (Barry Arnold) and the Whitman Center (Julie Phillipart), the programs in Nursing (Marilyn Lamborn) and Medical Technology (Swarna Krothapalli) and Public History (Nan Fetterman), the Center on Aging (Petra Schuler), the Director of the Health Advisory Program (Venkat Sharma), the Departments of Biology (George Stewart, Venkat Sharma and Steve Celestial), Communication Arts (Tammy Swenson-Lepper and Athena Dupre), Computer Sciences (Melanie Sutton) and Psychology (Susan Walch). Outside of the University, the Provost of the Warrington Campus of PJC, the Director of the Nursing Program at OWC as well as the Advisory Committee to the Division of Life and Health Sciences which includes the following people from the health care community: Debbie Bostic, V.P. for Operations and Chief Nursing Officer for Sacred Heart Systems; George Boudreaux, Director of Education for Santa Rosa Medical Center; Julie Cardwell, Director of Rehabilitation, Baptist Health
Care; Dennis Taylor, CEO, West Florida Hospital; Paige Collier, Executive Director, West Florida Area Health Education; Edward J. Galbavey, M.D., Director, Center for Sight, Pensacola; Nina Hendricks, Human Resources, Sacred Heart Hospital; Capt. Thomas J. Kersch, M.D., Naval Hospital Pensacola; John Lanza, Director of Escambia County Health Department; Paul McLeod, M.D., Assistant Dean, Florida State University Medical School; Celeste Norris, Director of Compensation and Recruiting, Baptist Health care; Roger M. Orth, M.D., Director of Gastroenterology Associates, Pensacola; Nancy Ramos, Director of Behavioral Medicine, Baptist Health Care; Jay Varenholdt, M.D. private practice; Capt. John Gibson, Director of Clinical Support Services, Navy Hospital; Barbara Wade, M.D., Center for the Prevention and Treatment of Infection, Sacred heart Hospital; Capt Robert Hoyt, M.D., Internal Medicine, Navy Hospital; Lt. Cmdr Huy Nguyen, M.D., Navy Hospital and CEO of Cogon Systems; Capt Pamela Roark, Director of Nursing, Navy Hospital; Dr. Karen Smith, VP for Recruiting, Columbia Southern; Dr. Marilyn Lamborn, Director of the Nursing Prorgam, UWF; Capt. Mike Acromite, M.D., Naval Aerospace Medical Institute; Dr. Barry Arnold, Director, Center for Health care Ethics, UWF; Dr. Steve Bridges, Department of Health, Leisure and Exercise Sciences, UWF; Dr. Jeffrey Chicola, Clerkship Director in Surgery, FSU College of Medicine; Dr. Pam Perrich, Head, Industrial Hygiene Department, Naval Hospital, Pensacola; Dr. Ed Ranelli, dean, College of Business, UWF; and Reubin Felkey, Chief Operating Officer, Cogon Systems.

**Chronology of Activities in Developing the MPH – Division of Life and Health Sciences Advisory Committee Meetings.**

10/02/02. The Advisory Committee first entertained assessing the regional health care community need for the BSHS.

12/04/02. A BSHS Subcommittee was formed (George Stewart, Susan Walch, Ed Ranelli, Swarna Krothapalli, Julie Cardwell, Tammy Swensen-Lepper, Athena Dupre, Petra Schuler and Tom Kersch). Tracks in the BSHS were discussed and Chairs/Directors of the departments/centers at UWF were contacted and enlisted in designing the curriculum for the degree program (Psychology, Computer Sciences, Center for Health Care Ethics and the Center on Aging, Social Work, the College of Business, and Communication Arts).

02/13/03. The BSHS Subcommittee presented a blueprint for the curriculum based on input from the department chairs and center directors. The following decisions were made on the UWF BSHS by the Advisory Committee. (1) It will be a flexible degree with tracks in several key areas designated as critical to regional health care (Communication, Behavioral Health, Health Care Ethics, Health Care Administration, Medical Information Technology, and Aging Studies.; (2) classes will be offered in the evenings or online; (3) This will be a two-year degree for health care workers or recent graduates of junior colleges holding an A.A., A.S., or A.A.S. degree in a health-related area; and, (4) the degree will consist of 60 sh of formal course work with a
capstone course (Health Sciences Research Seminar). The Advisory Committee designed an on-line survey to be conducted to identify the background and number of people in the health care/public health community that might enroll in this program.

04/17/03 ........................................ The results of several on-line random surveys of the health care community, which showed significant interest among respondents in enrolling in the proposed BSHS at UWF, were presented to the Advisory Committee. The Advisory Committee voted unanimously to proceed with seeking permission to explore on the BSHS.

6/19/2003 ........................................ Request to explore the BSHS is submitted to and approved by the BOT (see Appendix A).

IV. ASSESSMENT OF NEED AND DEMAND

A. What national, state or local data support the need for more people to be prepared in this program at this level? (This may include national, state or local plans or reports that support the need for this program; demand for the proposed program which has emanated from a perceived need by agencies or industries in Northwest Florida; and summaries of prospective student inquiries.) Indicate potential employment options for graduates of the program. If similar programs exist in the Northwest Florida region, provide data that support the need for an additional program.

1. The nearest similar program is at Florida International University in Miami. The purpose and curriculum of this program is as follows:

Bachelor of Science in Health Sciences

The general BS in Health Sciences (BSHS) provides an interdisciplinary curriculum combining both basic and health sciences. It is designed to prepare students for entry into graduate or professional health related programs such as medicine, dentistry, occupational therapy, speech language pathology, pharmacy, public health and others. It allows students to study health sciences while simultaneously completing the prerequisites for their chosen profession.

Graduates with Associate of Science degrees in fields such radiation therapy, respiratory care, emergency medical services, dental hygiene, and others who want to build upon their clinical education can also complete a BS degree in Health Sciences.

Whether the goal is career advancement, graduate study, enhanced performance in a current position, or simply the acquisition of new knowledge and skills, the BS in Health Sciences degree provides a unique opportunity for students to explore health care from an interdisciplinary approach.

Bachelor of Science in Health Sciences Curriculum

Students pursuing the BSHS are required to complete a Health Science Core and a Multidisciplinary Health Core. The Cores are designed to provide an understanding of the interchange and relationships of the health care practitioner with his/her professional environment. The interdisciplinary nature of the curriculum promotes the concept of teamwork in health care by encouraging students to share their experiences and ideas with classmates from different disciplines.
**Upper Division Requirements (60 semester credit hours)**

**Health Sciences Core** (18 semester credits)

<table>
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<th>Course</th>
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<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>HSC 3002</td>
<td>Introduction to Health Professions</td>
<td>3</td>
</tr>
<tr>
<td>HSC 3531</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>HSC 3549</td>
<td>Clinical Physiology for Health Professionals</td>
<td>3</td>
</tr>
<tr>
<td>HSC 3701</td>
<td>Leadership and Management in the Health Science Professions</td>
<td>3</td>
</tr>
<tr>
<td>HSC 4553</td>
<td>Fundamentals of Pathology</td>
<td>3</td>
</tr>
<tr>
<td>HSC 4910</td>
<td>Introduction to Research Methods</td>
<td>3</td>
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</tbody>
</table>

**Multidisciplinary Health Core** (24 semester credits)

<table>
<thead>
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<th>Course</th>
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<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOW 3801</td>
<td>Self Awareness and Self Modification for Practice</td>
<td>3</td>
</tr>
<tr>
<td>SYO 3400</td>
<td>Medical Sociology</td>
<td>3</td>
</tr>
<tr>
<td>HIS 4111</td>
<td>Values, Ethics &amp; Conflict Resolution ²</td>
<td>3</td>
</tr>
<tr>
<td>HAS 4113</td>
<td>Issues and Trends in Healthcare Delivery</td>
<td>3</td>
</tr>
<tr>
<td>HAS 4150</td>
<td>People, Power and Politics in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>HAS 4421</td>
<td>Legal Aspects and Legislation in Healthcare</td>
<td>3</td>
</tr>
<tr>
<td>HAS 3103</td>
<td>Health &amp; Social Service Delivery Systems</td>
<td>3</td>
</tr>
<tr>
<td>SOP 4834</td>
<td>Psychology of Health and Illness ³</td>
<td>3</td>
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</table>

Another program with a similar purpose is offered by the University of North Florida in Jacksonville, FL. This is a Bachelor of Science in Health which offers tracks in Community Health, Professional Health Studies, Health Care Leadership and Nutrition. FAMU offers BS degrees in Health Information Management, Health care Management and a BSHS degree.

2. The selection and design of the proposed BSHS was a collaborative process which involved, at UWF, the College of Business, the Division of Life and Health Sciences and representatives from the Center for Health Care Ethics and the Whitman Center, the Center on Aging, the programs in Nursing and Medical Technology and Public History, the Director of the Health Advisory Program, the Departments of Biology, Communication Arts, Computer Sciences and Psychology. Outside of the University, the Director of Florida Public Health in Escambia County, and others involved in regional health care as well as the Advisory Committee to the Division of Life and Health Sciences (see above). All of these partners in education supported the need for a BSHS.

3. It is estimated by human resource offices of regional hospitals and by PJC, that there are thousands of individuals throughout the Panhandle of Florida working in health care who hold A.A., A.S. and A.A.S. degrees. Many of these individuals wish to earn a BS to advance within their position or move into another position in health care. The proposed BSHS will provide an opportunity for these individuals to earn a BS which has been designed specifically to prepare them for accomplishing either of the goals alluded to above, and which is structured to allow them to move into specializations that have been identified as “critical need areas” by regional health
care. In addition, PJC and OWC graduate close to 100 students each year with A.S., A.A.S and A.A degrees in health related areas. Dr. Marcia Williams, Provost of the Warrington campus of PJC, and Dr. Linda Whitenton, Director of the Nursing Program at OWC served on the subcommittee that developed this program and were instrumental in identifying this program as one that was critical to the educational needs of regional health care and of graduates of community colleges with degrees in health-related disciplines.

4. SURVEY DATA  
The Division of Life and Health Sciences conducted several on-line surveys to investigate interest in the proposed programs including the Bachelor of Science in Health Sciences. There were close to 200 respondents in this survey. In answer to the question “Would a BSHS enhance your promotion?”, 60.9% responded in the affirmative. When asked if the participant would enroll in a BSHS at UWF, 79.6% said “yes”. This level of interest was demonstrated based solely on information provided at the Division of Life and Health Sciences web site, where the program is mentioned as a proposed future effort. Clearly, the proposed BSHS will effectively address a significant regional need for health care workers and junior college graduates to earn a BS in the health sciences, a goal that is considered important in advancing their position within the health care community.

B. Use UWF Table One A (undergraduate) to indicate the number of students (headcount and FTE) you expect to major in the proposed program during each of the first 5 years of implementation, categorizing them according to their primary sources.

Table One A is presented in Appendix A for reference to the narrative below.

In the narrative following Table One B, the rationale for enrollment projections should be provided and the estimated headcount to FTE ratio explained. If, ideally, students within the institution are expected to change majors to enroll in the proposed program, describe the shifts from disciplines that are likely to occur.

The requested narrative in support of Table One A is presented below.

**Upper-level students who are transferring form other majors within UWF.**

We do not anticipate a large influx into the program of students from other majors within UWF. This program is constructed primarily for students who have years of experience in the health care area or who have earned a 2-year degree in a health-related program. We foresee 2 students during yr 01 with an increase of only two per year up to year 04. The few students who would be inclined to move into this program from another major at UWF would be enrolled in health-related programs at UWF.
Students who initially entered UWF as FTIC students and who are progressing from the lower to the upper division.

Again, we do not project a large influx of students from this pool. While students at this stage of their education are slightly more likely to be attracted to the BSHS because they might have a smaller investment in terms of courses taken and skills acquired in a different discipline, it is believed that this pool would consist primarily of students from health-related programs and would amount to around 15 students by the fifth year of the program.

Florida Community College transfers to the upper level.

This should be a significant source of students entering the BSHS. It is anticipated that students from this source will be primarily from health-related programs at the junior college level and will amount to around 30 students by yr 05. This pool of students might account for 5 students for the first year and perhaps an increase of 5 students per year as the program becomes better known.

Transfers to the upper level from other Florida colleges/universities.

This will be a minor source of students for the program. It is estimated that we will have one student enrolled from this source for the first year of the program. As the program becomes better known, we will see an increase of two students/yr up to a high of five students in yr 05.

Other (Explain)

The major source of students will be among those employed in health care and holding A.A., A.S. and A.A.S. degrees from junior colleges. Most of these prospective students will have been employed for some time in the health care setting and will be seeking a BS degree to improve their salaries, seek advancement or a change in their specialty. It is anticipated that around 10 students will enter the program during the first year, with an approximate doubling of the number of students each year for the first four years the program is in force.

C. For all programs, indicate what steps will be taken to recruit and achieve a diverse student body in this program.

Our advertising efforts have already been substantial and effective and will continue to grow in intensity and scope. The Division is scheduled to participate in several health fairs and has set up stand-alone posters, conducted recruiting drives and provided presentations at the four major area hospitals and three county health departments. There is a considerable number of minorities employed in health care and we anticipate targeting these prospective students as part of our continuing recruitment activities at regional hospitals and other units within health care. We will make a concerted effort to advertise and recruit students from underrepresented and minority groups.
V. Curriculum

A. For all programs, provide expected specific learning outcomes, a sequenced course of study, and list the total number of credit hours for the degree. Degree programs in the science and technology disciplines must discuss how industry-driven competencies were identified and incorporated into the curriculum.

Specific learning outcomes:
Student Learning Outcomes (the five key elements by which the success of this program will be measured are Content, Critical Thinking, Ethics, Project Management and Communication). The following student learning outcomes contribute to one or more of these five elements and are identified with these elements by the following designations (Content, C; Critical Thinking, CT; Ethics, E; Project Management, PM; or Communication, COM).

Student learning outcomes will vary according to the area of concentration chosen.
A. All students graduating with this degree will be able to:
1. Recognize when a legal professional should be consulted on issues in health care legal issues (C).
2. Apply relevant laws in the public health environment (CT).
3. Employ the overall legal regulation of healthcare as applied to institutions and professionals (C).
4. To evaluate bioethical issues in complex medical decisions (E).
5. Be able to develop cooperative solutions avoiding legal conflict in the health care/public health arenas (COM).
6. Apply microeconomic and statistical tools in analysis of health care policy, issues and cases (CT).
7. Apply these tools to current public policy issues and specific cases in the health care industry (C).
8. Serve as a liaison to doctors, administrators, and other health care professionals in the use of current and emerging health information systems (COM).
10. Address legal and ethical issues related to the use and evaluation of health information systems, including training, security, confidentiality, and the use of informed consent (CT).
11. Discuss recent advances in health sciences research (C).
12. Interpret and discuss recent publications in health sciences research (COM & CT).
13. Design a basic research approach to a specific problem in the health sciences (PM).
14. Present in both written and oral form a report on a specific research topic in the health sciences and be able to defend their conclusions related to that topic (COM).

In addition to the above (A), Students choosing the area of concentration in Health Care Administration will be able to:

B.
1. Apply management principles, processes and techniques to hospitals and other health-related organizations (CT).
2. Apply behavioral and quantitative management methods to planning, organizing, leading, and motivating in the workplace (PM).
3. Describe and apply methods in personnel administration to critical issues of selection, compensation, OSHA, EEO, unions and discipline (C, E & CT).
4. Discuss diversity awareness issues and strategies to enhance productivity through team efforts, as well demonstrating skills in integrating a diverse work force (C, E, COM & CT).
5. Apply foundational skills in the functional areas of management, marketing, finance, accounting and economics (C&CT).
6. Make decisions based on consumer need, provision, promotion and pricing of goods and services to meet organizational objectives in changing business environments (C & CT).

In addition to the above (A), Students choosing the area of concentration in Behavioral Health will be able to:

C.
1. Apply the principles and techniques of behavior modification in a variety of settings including school, home, medical and business (C & CT).
2. Apply foundational knowledge in assessing normal and abnormal functional states in the nervous, and endocrine systems and in sensation/perception, emotion and motivation, thinking and consciousness, leaning and memory (C& CT).
3. Apply foundational skills and knowledge in psychology to the promotion and maintenance of health and the treatment and prevention of illness (C& CT).

In addition to the above (A), Students choosing the area of concentration in Medical Information Technology will be able to:

D.
1. To employ various software packages in the creation and manipulation of multimedia formats (C & CT).
2. To use word-processing, spreadsheet, data base software and PowerPoint (C & CT).
3. To employ networking theory, interactions and dependencies in internet
applications (C, CT, & PM).
4. To employ fundamental programming skills and software engineering principles (C & CT).
5. To perform advanced internet programming (C).
6. To employ various database systems in database management and case applications using fourth generation languages (PM & CT).

In addition to the above (A), Students choosing the area of concentration in Health Care Ethics will be able to:

E.
1. To address questions in the ethical dilemmas posed by advances in biotechnology (E & CT).
2. To rationally analyze pertinent scientific information before they support an issue one way or the other (CT).
3. To apply skills in ethics to actual medical cases presented by various hospital bio-ethicists (CT, E & PM).
4. To apply different bio-ethical methodologies in examining various cases in health care ethics (E & CT).
5. To contribute to discussions and solutions in ethical decision making on health care ethical problems presented by hospital bioethicists and by the students in their group responses (COM & PM).
6. Be able to comfort patients through palliative/terminal sedation when cure is no longer attainable (COM).
7. Be able to apply Florida law in determining the legality and appropriateness of removing nutrition and hydration from terminal patients (C, E & CT).
8. Be able to judge the appropriateness of pain care management offered to terminal patient regardless of addiction potential or severely compromised respiratory status, or pain medicine offered to the terminal only on a moderate basis (E & CT).
9. Be able to evaluate procedure and protocol in actual medical cases presented by various hospital bio-ethicists (CT).
10. Be able to apply different bio-ethical methodologies, such as casuistry, principlism, kathekontics, and reflective equilibrium, in examining various medical cases (CT).
11. Contribute to ethical decision making in quality of patient care issues presented by hospital bioethicists and by the students in their group responses (COM & CT).

In addition to the above (A), Students choosing the area of concentration in Health Communications will be able to:

F.
1. Apply interpersonal skills in communication in a hands-on service learning
2. Demonstrate appropriate and effective communication within task-oriented teams in dealing with issues related to building cohesion, managing group conflict, valuing diversity, information gathering and problem analysis (COM & PM).
3. Demonstrate an ability to employ persuasive communication in human relationships in personal, group and organizational contexts (C, CT & COM).
4. Apply communication skills to managing work relationships, organizational interviews, professional presentations, communication technologies and multi-cultural diversity (C & CT).
5. Demonstrate leadership competencies in interpersonal communication, public presentations, team building, working in multi-cultural environments, mentoring, problem solving, and in interpersonal and public forums to bring about community and organizational changes (C).
6. Effectively apply communication skills in patient care, health care administration, public relations in health care, human resources in health care, health education, and the media (C & CT).

In addition to the above (A), Students choosing the area of concentration in Aging Studies will be able to:

G.
1. Evaluate lifespan objectives related to development as a life-long process, with multiple determinants of change and multiple alternatives for change (C & CT).
2. Evaluate and suggest intervention strategies at the primary, secondary and tertiary levels for appropriateness and effectiveness (E, CT & PM).
3. Apply personal and professional skills to issues related to death and bereavement (C, CT & E).
4. Employ an interdisciplinary approach to intervention strategies to eliminate/ameliorate problems/crises faced by aging clients (PM, CT & E).
5. Assess physical performance in the aging and be able to develop activity programs for the aging population (PM & CT).

PROGRAM REQUIREMENTS
In addition to general University requirements, students seeking the B.S. in Health Sciences must meet the requirements listed below.

This degree plan is designed as a two-year program for students with an A.A., A.S. or A.A.S. degree (or equivalent course work) from a regionally accredited institution or from an accredited out-of-state college or university. In order to graduate, all students must complete at least 120 semester hours with a minimum of 48 specified upper-
division hours (3000/4000 level) at UWF. A grade of "C" or higher is required in all common prerequisite courses and major courses.

Consult with your academic advisor for courses which may satisfy both the General Studies requirements and common prerequisites.

Course descriptions are listed alphabetically by prefix in the back of this *Catalog*.

**General Studies (36 sh)**

Students should take BSC1005/L and CHM2045/L to meet the science component; ECO2013 to meet the social science/socio-political component; MAC1105 and STA2023 to meet the mathematics component; and PSY2012 to meet the social science behavioral component.

For additional information see the General Studies section of this *Catalog*.

**Common Prerequisites (32 sh)**

State mandated common prerequisites must be completed prior to graduation, but are not required for admission to the program.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACG 2021</td>
<td>Principles of Financial Accounting [ACGx021]</td>
<td>3</td>
</tr>
<tr>
<td>ACG 2071</td>
<td>Principles of Managerial Accounting [ACGx071]</td>
<td>3</td>
</tr>
<tr>
<td>+BSC 1005/L</td>
<td>Biology w/Lab [BSCxxxx/L or BSCxxxxC]</td>
<td>4</td>
</tr>
<tr>
<td>+CHM 2045/L</td>
<td>General Chemistry I/Lab [CHMx045/L or CHMx045C]</td>
<td>4</td>
</tr>
<tr>
<td>CGS 2570</td>
<td>Personal Computer Applications [CGSxxxx]</td>
<td>3</td>
</tr>
<tr>
<td>+ECO 2013</td>
<td>Principles of Economics Macro [ECOx013]</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Principles of Economics Micro [ECOx023]</td>
<td>3</td>
</tr>
<tr>
<td>+MAC 1105</td>
<td>College Algebra [MACx105]</td>
<td>3</td>
</tr>
<tr>
<td>+PSY 2012</td>
<td>General Psychology [PSYx012]</td>
<td>3</td>
</tr>
<tr>
<td>+STA 2023</td>
<td>Elements of Statistics [STAxxxx]</td>
<td>3</td>
</tr>
</tbody>
</table>

+ Indicates common prerequisites which can be used to satisfy General Studies requirements.

Common Prerequisites pending approval of the Statewide Articulation Coordinating Committee.
**Lower Division Electives (0-11 sh)**
Sufficient 1000/2000 level electives to complete at least 60 semester hours in the lower division. Current UWF students may use elective courses at any level (1000-4999) to meet this elective requirement.

**Major (18 sh)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUL 4XXX</td>
<td>Legal Fundamentals of Health Care and Public Health</td>
<td>3</td>
</tr>
<tr>
<td>ECP 4XXX</td>
<td>Health Economics</td>
<td>3</td>
</tr>
<tr>
<td>ECP 4XX1</td>
<td>Business Analysis and Decision Making in Health Care</td>
<td>3</td>
</tr>
<tr>
<td>HSC 3XXX</td>
<td>Health Trends and Issues</td>
<td>3</td>
</tr>
<tr>
<td>HSC 4XXX</td>
<td>Health Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>HSC 4XX4</td>
<td>Health Sciences Research Seminar</td>
<td>3</td>
</tr>
</tbody>
</table>

**Major-Related (12-21 sh)**

Students will concentrate their major-related work in one of the following areas of concentration. Courses with a prerequisite that is not part of the concentration are designated by an asterisk (*) for each such course. Students will meet with an academic advisor to discuss prerequisites and possible transfer courses which may meet prerequisite requirements.

**Health Care Administration (18 sh)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>GEB 3032</td>
<td>Business Foundations for Non-Business Majors</td>
<td>3</td>
</tr>
<tr>
<td>HSA 4110</td>
<td>Health Care Policy and Administration</td>
<td>3</td>
</tr>
<tr>
<td>MAN 3025</td>
<td>Management Fundamentals</td>
<td>3</td>
</tr>
<tr>
<td>MAN 3301</td>
<td>Human Resources Management</td>
<td>3</td>
</tr>
<tr>
<td>MAN 4102</td>
<td>Management of Diversity</td>
<td>3</td>
</tr>
<tr>
<td>MAR 3023</td>
<td>Marketing Fundamentals</td>
<td>3</td>
</tr>
</tbody>
</table>

**Psychology of Health (18 sh)**

Psychology Core: (9 sh)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAB 4704</td>
<td>Introduction to Behavior Modification</td>
<td>3</td>
</tr>
<tr>
<td>PSB 4003</td>
<td>Brain, Behavior and Experience</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4820</td>
<td>Health Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

Choose three of the following: (9sh)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLP 3144</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>DEP 4401</td>
<td>Adulthood and Aging</td>
<td>3</td>
</tr>
<tr>
<td>PCO 4310</td>
<td>Interventions in Addictions</td>
<td>3</td>
</tr>
<tr>
<td>PSB 4731</td>
<td>Psychobiology of Sexual Behavior*</td>
<td>3</td>
</tr>
<tr>
<td>PSY 4832</td>
<td>Sport and Exercise Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>
Medical Information Technology (18 sh)

CGS 2750 Personal Computer Applications 3
CGS 3283 Networking Principles 3
CGS 3875 Multimedia Systems 3
COP 2253 Programming Using Java 3
COP 3813 Internet Programming 3
COP 4710 Database Systems 3

Health Care Ethics (12 sh)

BSC 4XX1 Ethical Issues in Biotechnology 3
HSC 4XX1 Introduction to Clinical Ethics Grand Rounds 3
HSC 4XX2 Dilemmas in Medical Practice 3
HSC 4XX3 End-of-Life Ethics 3

Communication (21 sh)

SPC 2016 Basic Communication Skills 3
SPC 3301 Interpersonal Communication 3
SPC 3425 Group and Team Communication 3
COM 3462 Persuasive Communication 3
COM 4022 Health Communication 3
COM 4110 Business and Professional Communication 3
COM 4103C Leadership Communication 3

Aging Studies (15 credits)

DEP 4401 Adulthood and Aging 3
PEP 4113 Aging and Physical Performance 3
SOW 4674 Social Issues and Intervention Strategies in Social Work Practice with Older Adults 3
SOW 4682 Dimensions of Death and Dying: Special Issues 3

Choose one:
SOW 4645 Substance Abuse and the Elderly 3
SOW 4700 Drug Abuse Prevention and Treatment: Special Issues 3

Upper Division Electives (21-30 sh)

Students should discuss their career plans with an academic advisor in their field of concentration and choose additional courses to support their career goals. Recommended courses may include:
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSC 3550</td>
<td>Pathophysiology</td>
<td>3</td>
</tr>
<tr>
<td>ZOO 3233/L</td>
<td>Parasitology/Lab</td>
<td>4</td>
</tr>
<tr>
<td>PCB 4703</td>
<td>Human Physiology</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4645</td>
<td>Drugs and the Human Body</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4427</td>
<td>The Healthy Woman</td>
<td>3</td>
</tr>
<tr>
<td>NUR 4040</td>
<td>Cultural Factors in Health and Illness</td>
<td>3</td>
</tr>
<tr>
<td>MLS 3031</td>
<td>Introduction to Medical Technology</td>
<td>3</td>
</tr>
<tr>
<td>MCB 3020/L</td>
<td>Microbiology/Lab</td>
<td>4</td>
</tr>
<tr>
<td>MCB 4276</td>
<td>Epidemiology of Infectious Disease</td>
<td>3</td>
</tr>
<tr>
<td>SOW 3314</td>
<td>Case Management</td>
<td>3</td>
</tr>
<tr>
<td>SOW 3620</td>
<td>Practice with Culturally Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>SOW 4111</td>
<td>Adolescents at Risk</td>
<td>3</td>
</tr>
<tr>
<td>SOW 4242</td>
<td>Families and Family Treatment</td>
<td>4</td>
</tr>
<tr>
<td>PLA 3600</td>
<td>Probate and Estate Planning</td>
<td>3</td>
</tr>
</tbody>
</table>

The course descriptions provided below are for the new courses being created for the degree. The other 32 courses in the program already exist and are described in the UWF catalog.

**BSC 4XX1 Ethical Issues in Biotechnology………………….3 (S)**
Designed for Senior and Graduate students. It provides an opportunity for students to interweave philosophical and biological principles on the ethical issues involved in Biotechnology. A major concern through the use of various clinical illuminators and laboratory experience is the application of theory to practice.

**HSC 3XXX Health Trends and Issues…………………………3 (SS)**
Introduces the student to recent advances in health sciences technology and related issues in the health sciences. Lectures will cover recent topics in this area followed by class discussion of the topic. In addition, each student will be assigned a series of articles related to the topics that will be covered during the semester in lecture to stimulate and broaden class discussion.

**HSC 4XX1 Introduction to Clinical Ethics Grand Rounds…3 (S)**
An examination of actual clinical cases presented by hospital bioethicists.

**HSC 4XX2 Dilemmas in Medical Practice……………………3 (F)**
An examination of various narratives from medical practices, focusing on key medical dilemmas.

**HSC 4XX3 End-of-Life Ethics………………………………….3 (F)**
An examination of key issues and cases in end-of-life ethics.

**HSC 4XX4 Health Sciences Research Seminar………………..3 (SS)**
Centers on discussions of contemporary research in the health sciences. The instructor will select key papers on a variety of recent advances in pharmaceuticals, surgical techniques and other areas of medical technology for discussion by students. At the beginning each student will be assigned a project which will include a written paper on a specific topic in health sciences research that they will present and defend in class.

**HSC 4XXX  Health Information Systems..........................3 (S)**
Provides an overview of various health information systems, with emphasis on case studies of systems utilized in areas such as patient-care, clinical decision-support, disease and demographic surveillance, imaging and simulation, and safety and environmental assessment. Fundamentals of proposing, reporting, and refereeing evaluation studies are covered. Legal and ethical issues related to training, security, confidentiality, and the use of informed consent are also addressed. Working knowledge of how to use personal computers, including knowledge of word-processing, spreadsheet packages and Internet searching; Training in a health care-related field at the Associate's/Bachelor's level is required.

**BUL 4XXX  Legal Fundamentals of Health Care and Public Health….3 (S)**
An overview of the laws most affecting the provision of healthcare and public health practices. The legal basis for government involvement in the public's health is examined with an analysis public health authority. A general overview of the laws controlling the provision of private sector healthcare including industry and professional regulation, prohibited payment schemes, Bioethics, end-of-life issues, informed medical consent, and patient privacy.

**ECP 4XXX  Health Economics ..................................................3 (S)**
Provides instruction in economic theories, tools and concepts and their application to current health care issues.

**ECP 4XX1  Business Analysis and Decision Making in Health Care .....3 (F)**
Analysis of health policy, issues and cases using economic theories, tools, and concepts.

**D. For bachelor’s degrees list any prerequisites, and provide assurance that they are the same as the standardized prerequisites for other such degree programs within the FBOE. If they are not, provide a rationale for a request for exception to the policy of standardized prerequisites.**

See above for common prerequisites

**E. For bachelor’s programs, if department plans to seek formal Limited Access status for the proposed program, provide a rationale which includes an analysis of diversity issues with respect to such a designation.**

Not applicable
VI. UWF CAPABILITY

A. How does the proposed program specifically relate to existing UWF strengths such as programs of distinction, other academic programs, and/or institutes and centers?

The BSHS is built on a solid foundation of collaboration between the Division, nine departments and two centers. In addition, it is supported by a strong partnership with regional health care through the Advisory Committee to the Division. Clearly, the proposed BSHS directly addresses the University of West Florida’s regional service mission. Design and implementation of this program was accomplished by the Advisory Committee to the Division of Life and Health Sciences which is made up of representatives from many different walks of the regional health care community. Moreover, the large pool of potential students working in the health care industry and the large number of community college graduates earning A.A., A.S. and A.A.S. degrees shows that initiation of this program is valuable and timely in terms of regional needs in health care. The educational efforts implemented and planned by UWF in the health arena have been enthusiastically embraced by the health care community, and surveys have shown that there is strong interest in this program.

B. If there has been program reviews, accreditation visits, or internal reviews in the discipline pertinent to the proposed program, or related disciplines, provide all of the recommendations and summarize progress toward implementing the recommendations.

The BSHS will be housed within the Division of Life and Health Sciences which was created in 2002. The Division has not yet entered any of the internal review cycles. There is no accrediting body for undergraduate health sciences degrees.

C. Describe briefly the anticipated delivery system for the proposed program as it may relate to resources e.g., traditional delivery on main campus; traditional delivery at branches or centers; non-traditional instruction such as instructional technology (distance learning), self-paced instruction, and external degrees. Include and analysis of the feasibility of providing all of a portion of the proposed program through distance learning technologies. Include an assessment of UWF’s technological capabilities as well as the potential for delivery of the proposed program through collaboration with other universities or community colleges. Cite specific queries made of other institutions with respect to the feasibility of utilizing distance learning technologies for this degree program.

The BSHS will be offered using traditional face-to-face instruction. This program will lend itself quite nicely to a distance learning format and we are already discussing ways of moving in that direction in addition to the traditional approach. We are committed to
ultimately offer the degree in both formats. Our surveys and direct discussions with many in the health care/public health communities have demonstrated that there is a sizable audience for DL offerings in health sciences and this approach will dramatically increase the size and geographic spread of the audience we be able to reach.

D. Assessment of Current and Anticipated Faculty

1. Use UWF Table Two to provide information about each existing faculty member who is expected to participate in the proposed program by the fifth year. If the proposal is for a graduate degree, append to the table the number of master’s theses directed, and the number and type of professional publication for each faculty member.

Table Two is in Appendix A.

2. Also, use UWF Table Two to indicate whether additional faculty will be needed to initiate the program, their faculty code (i.e., one of five unofficial budget classifications as explained on the table), their areas of specialization, their proposed ranks, and when they would be hired. Provide in narrative the rationale for this plan; if there is no need for additional faculty, explain.

The narrative follows Table Two in Appendix A.

3. Use UWF Table Two to estimate each existing and additional faculty member’s workload (in percent person-years) that would be devoted to the proposed program by the fifth year of implementation, assuming that the program is approved. (Note: this total will carry over to UWF Table Three’s fifth year summary of faculty positions.)

Table Two is in Appendix A.

E. Assessment of Current and Anticipated Resources.

1. In narrative form, assess current facilities and resources available for the proposed program in the following categories:

   a. Library volumes (provide the total number of volumes available in this discipline and related fields)
   
   b. Serials (Provide the total number available in this discipline and related fields, and list those major journals which are available at UWF.)

Library support for the BSHS is strong and involves several community supporters of the program. In addition to the considerable offerings in UWF’s John C. Pace Library, students in all of the programs of the Division, including the BSHS, will have access to the libraries at Sacred Heart and Baptist Hospitals. Partnering through library resources
is not only cost effective but provides a much broader range of books and journals as well as other materials for our students. A list of these holdings is provided below. The collective holdings of the associates supporting the BSHS is fully adequate to support the proposed program.

**Pace Library holdings related to the proposed BSHS program:**
The University of West Florida Libraries subscribe to over 5,000 serials including 2,100 in print format, 1,292 in print format with online access, and 1,735 in electronic format. In addition, the library has access to many more full-text serials through aggregator indices provided by a variety of companies. Following are lists of relevant holdings of the Pace Library in Public health and related fields.

<table>
<thead>
<tr>
<th>Major Titles</th>
<th>Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>American Journal of Clinical Nutrition</td>
<td>Print</td>
</tr>
<tr>
<td>American Journal of Epidemiology</td>
<td>Electronic</td>
</tr>
<tr>
<td>American Journal of Health Education</td>
<td>Print</td>
</tr>
<tr>
<td>American Journal of Health Promotion</td>
<td>Print</td>
</tr>
<tr>
<td>American Journal of Hospice &amp; Palliative Care</td>
<td>Print</td>
</tr>
<tr>
<td>American Journal of Preventive Medicine</td>
<td>Electronic</td>
</tr>
<tr>
<td>American Journal of Public Health</td>
<td>Print</td>
</tr>
<tr>
<td>Annals of Epidemiology</td>
<td>Electronic</td>
</tr>
<tr>
<td>Bulletin of Environmental Contamination and Toxicology</td>
<td>Print</td>
</tr>
<tr>
<td>Environmental Contamination and Toxicology</td>
<td>Print</td>
</tr>
<tr>
<td>Environmental Health Perspectives</td>
<td>Print</td>
</tr>
<tr>
<td>Ethnicity and Disease</td>
<td>Print</td>
</tr>
<tr>
<td>Family and Community Health</td>
<td>Print</td>
</tr>
<tr>
<td>Health Care Financing Review</td>
<td>Print</td>
</tr>
<tr>
<td>Health Education and Behavior</td>
<td>Print</td>
</tr>
<tr>
<td>Health Education Research</td>
<td>Print</td>
</tr>
<tr>
<td>Health Policy and Planning</td>
<td>Electronic</td>
</tr>
<tr>
<td>Home Health Care Services</td>
<td>Print</td>
</tr>
<tr>
<td>Journal of Adolescent Health</td>
<td>Electronic</td>
</tr>
<tr>
<td>Journal of Aging and Health</td>
<td>Print</td>
</tr>
<tr>
<td>Journal of Clinical Epidemiology</td>
<td>Electronic</td>
</tr>
<tr>
<td>Journal of Community Health</td>
<td>Electronic</td>
</tr>
<tr>
<td>Journal of Health Economics</td>
<td>Electronic</td>
</tr>
<tr>
<td>Journal of Health and Social Policy</td>
<td>Print</td>
</tr>
<tr>
<td>Journal of Health Politics, Policy and Law</td>
<td>Electronic</td>
</tr>
<tr>
<td>Journal of Infection</td>
<td>Electronic</td>
</tr>
<tr>
<td>Journal of Public Health</td>
<td>Print</td>
</tr>
<tr>
<td>Journal of Public Health Medicine</td>
<td>Print</td>
</tr>
<tr>
<td>Journal of Urban Health</td>
<td>Electronic</td>
</tr>
<tr>
<td>Journal of Virology</td>
<td>Print</td>
</tr>
<tr>
<td>Lancet</td>
<td>Print</td>
</tr>
<tr>
<td>Nation's Health</td>
<td>Print</td>
</tr>
</tbody>
</table>
New England Journal of Medicine  Print
Public Health Nursing  Print
Public Health Reports  Print
Research in Nursing and Health  Print
Social Science and Medicine  Electronic

Number of Serial Subscriptions
In Health Sciences/Public Health  85
In Medicine  10
In Nursing  63
Total  158

Abstracting and Indexing Services  Full-Text Articles Available?
AIDS and Cancer Research Abstracts  No
Cinahl  No
Expanded Academic Index ASAP  Yes
Health Reference Center Academic  Yes
InfoTrac OneFile  Yes
Medline  No
ScienceDirect  Yes
Social Services Abstracts  No
Social Work Abstracts  No
Sociological Abstracts  No
Wilson Science Complete  Yes

Sample titles for which UWF has Electronic Full-Text Journal Access
Alternatives Journal
Canadian Medical Association Journal
Diabetes
Emerging Infectious Disease
Healthcare Financial Management
Journal of Family Practice
Journal of Law, Medicine and Ethics

Sacred Heart Hospital Library holdings related to the proposed BSHS program:
Document delivery and interlibrary loan services provided and the Library is a member of the National Network of Libraries of Medicine with over 1000 textbooks, 110 current journal subscriptions and 3800 bound journals (20 year retention period). Two full-text databases in health related subjects are also available. Participates in the National Network of Libraries of Medicine (NNLM). MEDLINE and MEDLARS databases are available.
Baptist Hospital Library holdings related to the proposed program: The J. William Douglas Medical Library holds 8,000 texts and a core journal collection of 150 titles, many with substantial back files, indices, locator tools, directories and audiovisuals. Current Contents/Clinical Medicine (provides access to over 900 medical journals) is available on CD ROM; Up-To-Date on CD ROM, and M.D. Consult online. Services offered include: literature searches, bibliography compilations, photocopying of journal articles and document delivery via fax. Participates in the National Network of Libraries of Medicine (NNLM). MEDLINE and MEDLARS databases are available.

c. Describe classroom, teaching laboratory, research laboratory, office and other type of space that is necessary and currently available for the proposed program.

Sacred Heart Hospital has provided the Division of Life and Health Sciences with an entire building (4412 N. Davis) rent-free to house our programs and conduct classes. Thirteen offices, a large lecture hall (capacity of 50), a medium lecture hall (capacity of 30) and a state-of-the-art computer teaching lab with 25 workstations are housed in this facility that is for the exclusive use of the Division. We have reserved sufficient offices for those instructors in the BSHS from outside UWF and will provide offices to several UWF instructors teaching in the BSHS program. All of the core courses and the courses in the Health Care Ethics track will be offered in the 4412 N. Davis facility. Any of the computer courses in the Medical Information Technology track may also be offered at our new computer teaching lab at 4412 N. Davis. The BSHS does not require teaching laboratories other than the computer classroom, and faculty from UWF engaged in research already have research space available to them, so there is no need for research laboratories. In addition, we are currently using several classrooms at Sacred Heart Hospital and have free use of these and other facilities owned by Sacred Heart.

d. Equipment

Computers will be needed for several of the courses in the BSHS. The Division recently created and funded a state-of-the-art computer lab at its 4412 N. Davis property to cover this need.

e. Fellowships, scholarships, and graduate assistantships (List the number and amount allocated to the academic unit in question in the past year).

The Division has had two fellowships in Health Care Ethics currently provided by CAS. These two fellowships will be assumed by the Division in the future. Two scholarships in health care ethics have been provided by a private donor for two students in health care ethics. No other programs have been in force in the past but several are being implemented over the next year. It is anticipated that many of the students who will
enroll in the BSHS will be full time employees in health care/public health or in the military. Moreover, the hospitals and public health often cover the educational expenses of their employees enrolled in courses in a degree track. We will be seeking scholarships from the health care/public health communities who stand to benefit from the fruits of this degree program.

f. Internship sites

No internship sites are required for this program.

2. Describe additional facilities and resources required for initiation of the proposed program (e.g., library volumes, serials, space, assistantships, specialized equipment, other expenses, OPS time, etc.). If a new capital expenditure for instructional or research space is required, indicate where this item appears on UWF’s capital outlay priority list. The provision of new resources will need to be reflected in the budget table (UWF Table Three), and the source of funding indicated. UWF Table Three requires the display Instruction and Research (I&R) costs only, unless expected enrollment in the new program is high enough to impact non I&R costs, such as library staffing, university support, and student services.

With one exception, no additional facilities and resources will be needed in support of the proposed program. The Division intends to cover adjunct and other start-up expenses out of its current budget or through earnings from workshops and short-courses scheduled for regular offering during the year. The program will need one 12-month instructor position in Fall 2006 for Communication Art to help cover the additional load placed on their program by students in the BSHS.

VII. ASSESSMENT OF IMPACT ON PROGRAMS CURRENTLY OFFERED.

A. Budget

1. Assuming no special appropriation or UWF allocation for initiation of the program, how would resources within the College and Division be shifted to support the new program?

The Division has its own budget which is augmented by income from workshops and short courses. This budget is adequate to cover expenses associated with initiation of the BSHS.

2. Use UWF Table Three to display dollar estimates of both current and new resources for the proposed program for the first through the fifth years of the program. In narrative form, identify the source of both current and any new resources to be devoted to the proposed program.
UWF Table Three is presented in Appendix A. Items listed under “current” will be funded out of the existing Division budget. The first expenditures classified as “New” funds will not appear until Fall 2006 in the form of one full-time instructor line for Communication Art that will be requested from Academic Affairs.

3. Describe what steps have been taken to obtain information regarding resources available outside the institution (businesses, industrial organizations, governmental entities, etc.). Delineate the external resources that appear to be available to support the proposed program.

Direct contact with CEOs of area hospitals, the Director of Escambia Department of Public health, the Navy and others in the health care/public health communities, both one-on-one and through the Advisory Committee to the Division of Life and health Sciences has established a mosaic of support in the form of space to house the program and classrooms in which to conduct the program, adjunct instructors for the program and assistance in identifying students for the program. Moreover, the holdings of the medical/public health libraries of Sacred Heart, Baptist and Escambia County Department of Public Health, as well as their electronic accesses to journals, are available to our students.

B. Describe any other projected impacts on related programs, such as prerequisites, required courses in other departments, etc.

The collaborative nature of this degree will increase FTE generation for all of the departments partnering in this effort.

VIII. COMMUNITY COLLEGE ARTICULATION

For undergraduate programs, describe in detail plans for articulation with area community colleges.

As stated above, representatives from PJC and OWC have not only served on the Advisory Committee to the Division during identification and development of Division programs, but have both served on the subcommittee responsible for creating the BSHS. They are both extremely enthusiastic supporters of this program and were the first on the Advisory Committee to suggest this type of degree. The articulation agreement for this program is all but signed and Dr. Williams, Provost of the Warrington campus of PJC and the Head of the Division of Life and Health Sciences at UWF will generate this document as soon as final approval on this program comes from the BOT.

IX. ASSESSMENT OF APPLICABLE ACCREDITATION STANDARDS

List the accreditation agencies and learned societies that would be concerned with the proposed program. Does the division or program anticipate seeking accreditation from any of these agencies? If so, indicate when accreditation will be sought. If the proposed program is at the graduate level, and a
corresponding undergraduate program is already in existence, is the undergraduate program already accredited? If not, why?

Not applicable

X. PRODUCTIVITY

Provide evidence that the academic unit(s) associated with this new degree have been productive in teaching, research, and service. Such evidence may include trends over time for average course-load, FTE productivity, student headcounts in major or service courses, degrees granted, external funding attracted; as well as qualitative indicators of excellence.

All of the UWF units participating in the BSHS are well-established and have successful undergraduate, and, in some cases, graduate programs of their own. A snapshot view (2003-2004) of activities within the academic units involved in this degree is provided in the strategic plans and annual reports of the respective units. These documents are available on the UWF website at http://www.upic.uwf.edu. In addition, Data are presented in Appendix A on FTE productivity for the associated units, and the curriculum vitae of the heads of the participating units as well as faculty teaching the core courses are included at the end of Appendix A.
BOT APPROVAL OF REQUEST TO EXPLORE OFFERING THE BSHS
# The University of West Florida
## Strategic Planning - New Academic Programs
### Dynamic List of Proposed New Degree Programs for Exploration, Planning, and Implementation

<table>
<thead>
<tr>
<th>Item #</th>
<th>Degree Level</th>
<th>Degree Level Code</th>
<th>Program Title and CIP Code</th>
<th>College</th>
<th>Dean's Priority Code: High (A), Medium (B), Low (C)</th>
<th>Status</th>
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<tr>
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<td>(C)</td>
<td></td>
<td>(D)</td>
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<td>(F)</td>
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### Programs Authorized by the BOT A&SA* Committee to Explore

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<th>Degree Level</th>
<th>Degree Level Code</th>
<th>Program Title and CIP Code</th>
<th>College</th>
<th>Dean's Priority Code: High (A), Medium (B), Low (C)</th>
<th>Status</th>
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<tbody>
<tr>
<td>1</td>
<td>BA</td>
<td></td>
<td>Maritime Studies 45.9999</td>
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<tr>
<td>2</td>
<td>BA</td>
<td></td>
<td>Hospitality, Recreation, and Tourism Studies 52.0901</td>
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<td>3</td>
<td>BS</td>
<td></td>
<td>Oceanography 40.0607</td>
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<td>4</td>
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<td>Anthropology 45.0201</td>
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<td>5</td>
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<td></td>
<td>Heritage Studies 30.1201</td>
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<td></td>
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<tr>
<td>6</td>
<td>MS</td>
<td></td>
<td>Environmental Science 03.0104</td>
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<tr>
<td>7</td>
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<td>Reading 13.1315</td>
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<td>8</td>
<td>MSA</td>
<td></td>
<td>Master of Science in Administration 30.9999</td>
<td>CoPS</td>
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<td>9</td>
<td>BSHS</td>
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<td>Health Sciences 51.0000</td>
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<td>10</td>
<td>MPH</td>
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<td>Public Health 51.2201</td>
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### Programs Recommended by the A&SA* Committee to Implement

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<th>Program Title and CIP Code</th>
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<th>Status</th>
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<td>(C)</td>
<td>(D)</td>
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### Programs Authorized by the BOT to Implement

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<thead>
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<th>Degree Level</th>
<th>Program Title and CIP Code</th>
<th>College</th>
<th>Dean's Priority Code: High (A), Medium (B), Low (C)</th>
<th>Status</th>
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<td>Applied Technology 15.9900</td>
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<td>BA</td>
<td>Liberal Arts and Sciences 24.0101</td>
<td>CAS</td>
<td>High</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>BA</td>
<td>Music, General 50.0901</td>
<td>CAS</td>
<td></td>
<td>Medium</td>
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<tr>
<td>4</td>
<td>BA</td>
<td>Economics 45.0601</td>
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<td>5</td>
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<td>International Business Management 52.1101</td>
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<td>Medium</td>
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<tr>
<td>6</td>
<td>BSBA</td>
<td>Real Estate 52.1501</td>
<td>CoB</td>
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<tr>
<td>7</td>
<td>BA</td>
<td>Secondary Mathematics Education 13.1311</td>
<td>CoPS</td>
<td>Low</td>
<td></td>
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<tr>
<td>8</td>
<td>BA</td>
<td>Secondary Science Education 13.1316</td>
<td>CoPS</td>
<td>Low</td>
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<tr>
<td>9</td>
<td>MA</td>
<td>Liberal Arts and Sciences 24.0101</td>
<td>CAS</td>
<td>High</td>
<td></td>
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<td>10</td>
<td>MS</td>
<td>Environmental Chemistry 40.0510</td>
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<tr>
<td>11</td>
<td>MCJ</td>
<td>Criminal Justice 43.0104</td>
<td>CoPS</td>
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<tr>
<td>12</td>
<td>MS</td>
<td>Business Technology 52.1206 or 52.1207</td>
<td>COB</td>
<td>Medium</td>
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### Programs Under Consideration by the Deans - Information Only

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<th>Item #</th>
<th>Degree Level</th>
<th>Program Title and CIP Code</th>
<th>College</th>
<th>Dean's Priority Code: High (A), Medium (B), Low (C)</th>
<th>Status</th>
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<tbody>
<tr>
<td>(A)</td>
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<td></td>
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</table>

(formal requests to explore will be presented to BOT A&SA Committee when appropriate)
<p>| | | | | |</p>
<table>
<thead>
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<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>13</td>
<td>MA</td>
<td>Interdisciplinary Social Sciences 45.0101</td>
<td>CAS</td>
<td>Medium</td>
</tr>
<tr>
<td>14</td>
<td>MSW</td>
<td>Social Work 44.0701</td>
<td>CoPS</td>
<td>High</td>
</tr>
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</table>

Note: The “MA in Heritage Studies” program proposal is on hold pending experience with a “heritage studies” track.

Academic Affairs—Carl Backman

Updated 02-23-04

Academic Programs - Dynamic List
UWF TABLE ONE A (UNDERGRADUATE)
# UWF Table One A

## Number of Anticipated Majors from Potential Sources

**Baccalaureate Degree Program**

**Name of Program:** Bachelor of Science in Health Sciences  
**CIP Code:** 51.0000

<table>
<thead>
<tr>
<th>ACADEMIC YEAR</th>
<th>YEAR 1</th>
<th>YEAR 2</th>
<th>YEAR 3</th>
<th>YEAR 4</th>
<th>YEAR 5</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>05</td>
<td>06</td>
<td>07</td>
<td>08</td>
<td>09</td>
</tr>
</tbody>
</table>

**Source of Students (Non-Duplicative Count in Any Given Year):**

- **Upper-level students who are transferring from other majors within UWF**
  - HC: 2  
  - FTE: 1.35, 5, 3.375, 7, 4.725, 7, 4.725

- **Students who initially entered UWF as FTIC students and who are progressing from the lower to the upper level**
  - HC: 2  
  - FTE: 1.35, 5, 3.375, 8, 10, 6.75, 15, 10.125

- **Florida community college transfers to the upper level**
  - HC: 5  
  - FTE: 3.375, 10, 6.75, 15, 10.125, 20, 13.5, 30, 20.25

- **Transfers to the upper level from other Florida colleges/universities**
  - HC: 1  
  - FTE: 0.675, 3, 2.225, 5, 3.375, 5, 3.375, 5, 3.375

- **Other (Explain): Students currently employed in health care holding A.S., A.A.S. or A.A. degrees and seeking a BS**
  - HC: 10  
  - FTE: 4.5, 18, 8.1, 32, 21.6, 58, 39.15, 73, 49.28

**Total**

<table>
<thead>
<tr>
<th></th>
<th>05</th>
<th>06</th>
<th>07</th>
<th>08</th>
<th>09</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total</strong></td>
<td>20</td>
<td>11.25</td>
<td>39</td>
<td>26.33</td>
<td>65</td>
</tr>
</tbody>
</table>

**Note:**  
HC = Headcount of students in this major  
FTE = Annualized Full-Time-Equivalent students taking courses offered by this major. Annualized FTE’s are calculated at 40 credit hours for undergraduate courses.
UWF TABLE TWO
### UWF TABLE TWO

#### FACULTY PARTICIPATION IN PROPOSED DEGREE PROGRAM BY FIFTH YEAR

<table>
<thead>
<tr>
<th>Faculty CODE (see below)</th>
<th>Faculty Name or &quot;New Hire&quot;</th>
<th>Academic Discipline/Specialty</th>
<th>Rank</th>
<th>Contract Status (tenure?)</th>
<th>Highest Degree Granted</th>
<th>Initial Date for Participation in Proposed Program</th>
<th>5th Year Workload in Proposed Program (portion of Person-year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Ranelli</td>
<td>COB</td>
<td>Professor and Dean</td>
<td>Tenured</td>
<td>PhD</td>
<td>2005</td>
<td>0.2 FTE</td>
</tr>
<tr>
<td>A</td>
<td>Stewart</td>
<td>Infectious Disease</td>
<td>Professor and Head, DLHS</td>
<td>Tenured</td>
<td>PhD</td>
<td>2005</td>
<td>0.2</td>
</tr>
<tr>
<td>A</td>
<td>Sutton</td>
<td>DLHS</td>
<td>Associate Professor</td>
<td>Tenured</td>
<td>PhD</td>
<td>2005</td>
<td>0.1</td>
</tr>
<tr>
<td>A</td>
<td>Johnson</td>
<td>Public Health</td>
<td>Chief Counsel, Escambia Public Health</td>
<td>Non-tenure track</td>
<td>JD</td>
<td>2005</td>
<td>0.1</td>
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<tr>
<td>A</td>
<td>Arnold</td>
<td>Ethics/DLHS</td>
<td>Professor and Director, Center for Health Care Ethics, DLHS</td>
<td>Tenured</td>
<td>PhD</td>
<td>2005</td>
<td>0.2</td>
</tr>
</tbody>
</table>

** The above faculty will cover the 6 new core courses plus two of the new courses in the Health Care Ethics Track (two different courses/year on a rotating basis). All of the other courses in the program are already offered by the participating departments for their students and taught by existing faculty or adjuncts. Communication Arts will need a lecturer position in 2006 to help cover the increased number of students provided by the BSHS. **
<table>
<thead>
<tr>
<th>Faculty CODE</th>
<th>Corresponding Faculty Position Category in TABLE 3 for the Fifth Year</th>
<th>Proposed Source of Funding for Faculty</th>
<th>TOTAL 5th Year Workload by Budget Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Current General Revenue</td>
<td>Existing Faculty -- Regular Line</td>
<td>1.0</td>
</tr>
<tr>
<td>B</td>
<td>Current General Revenue</td>
<td>New Faculty -- To Be Hired on Existing Vacant Line</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>New General Revenue</td>
<td>New Faculty -- To Be Hired on a New Line</td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>Contracts &amp; Grants</td>
<td>Existing Faculty -- Funded on Contracts &amp; Grants</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>Contracts &amp; Grants</td>
<td>New Faculty -- To Be Hired on Contracts &amp; Grants</td>
<td></td>
</tr>
</tbody>
</table>

**Overall Total for 5th Year** 1.0

**NARRATIVE:**

Of the 58 courses listed for this degree (6 in the core, 37 major-related, and 14 recommended upper division electives), 47 of them are already offered by the participating departments. All of the common prerequisites are also currently offered at UWF. The collaborative foundation upon which this program is constructed dictates an efficient use of resources, faculty and staff, and allows numerous units to benefit from the FTEs generated through the effort. The objective for this program from its incipience was to garner any and all appropriate existing resources within UWF to bring to bear on the educational needs of health care. This approach characterizes all of the degree programs, certificates and other educational efforts emerging from the division. It is clearly recognized by the Division administration that resources at UWF are limited and already stretched thin, and that it is incumbent upon any unit wishing to bring forth new programs that those limitations be factored into the planning equation. One of the advantages in dealing with the health care community is that continuing education credits are required by licensing and accrediting agencies for many who work in this industry. This factor provides an excellent opportunity to create a revenue stream to help defray the costs of Division programs. The Division is creating a series of workshops, short courses and certificates to fill this need and to generate income to help defray the costs of its operation. Beginning in the Fall of 2003 the Division began offering a certificate in Health Care Ethics which has generated sufficient income to build a state-of-the-art computer lab at its headquarters at 4412 N. Davis and to launch an advertising and recruiting campaign for the Division’s programs. In addition, directly involving the health care community through the Division Advisory Committee has invested them in the Division’s activities and they are enthusiastic and generous in their support of the Division’s efforts. The entire Nursing program is housed at West Florida Hospital, several hospital, the hospitals have donated several $100,000 in scholarships, faculty salaries, and operating funds and Scared Heart has given the Division exclusive use of an entire building and use of their educational facilities at the main hospital.
5-YEAR FTE PRODUCTIVITY FOR UNITS ASSOCIATED WITH THE BSHS
Annual Average FTE’s (lower and upper division undergrad and grad) 1999-2000 (9to0), 2000-2001 (0to1), 2001-2002 (1to2) 2002-2003 (2to3) & 2003-2004 (3 to 4).
UWF TABLE THREE
# UWF Table Three

## Costs for Proposed Program

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<th>FIRST YEAR</th>
<th>FIFTH YEAR</th>
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<tr>
<td></td>
<td>GENERAL REVENUE</td>
<td>CONTRACTS &amp; GRANTS</td>
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<td>CURRENT</td>
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### Instruction & Research

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<th>FACULTY</th>
<th>A&amp;P</th>
<th>USPS</th>
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<td>POSITIONS (FTE)</td>
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<td>0.8 FTE</td>
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<tr>
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<th>USPS</th>
<th>FACULTY</th>
<th>A&amp;P</th>
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<th>FACULTY</th>
<th>A&amp;P</th>
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<td>TOTAL</td>
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### I&R

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<td>200</td>
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### Non-I&R

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<th>UNIV SUPPORT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>450</td>
<td>1,125</td>
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<tr>
<td></td>
<td>450</td>
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<tr>
<td></td>
<td>450</td>
<td>1,125</td>
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<tr>
<td></td>
<td>3,510</td>
<td>8,776</td>
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<tr>
<td></td>
<td>3,960</td>
<td>9,901</td>
</tr>
<tr>
<td></td>
<td>281</td>
<td>281</td>
</tr>
<tr>
<td>--------------------------------------</td>
<td>-----</td>
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</tr>
<tr>
<td><strong>FINANCIAL AID</strong></td>
<td></td>
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<tr>
<td><strong>STUDENT SVCS</strong></td>
<td>562</td>
<td>562</td>
</tr>
<tr>
<td><strong>TOTAL OTHER ACTIVITIES</strong></td>
<td>2,418</td>
<td>2,418</td>
</tr>
<tr>
<td><strong>SUMMARY</strong></td>
<td>$95,527</td>
<td>$95,527</td>
</tr>
</tbody>
</table>
CURRICULUM VITAE OF THE CHAIRS OF DEPARTMENTS PARTICIPATING IN THE BSHS AND FACULTY/ADJUNCTS TEACHING THE CORE COURSES
DR. MELANIE A. SUTTON  
msutton@uwf.edu / (850) 474-3055

<table>
<thead>
<tr>
<th><strong>EDUCATION</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1997</td>
<td>Ph.D. Computer Science and Engineering, University of South Florida; 3.93 GPA</td>
</tr>
<tr>
<td>1993</td>
<td>M.S. Computer Science, University of South Florida; 3.86 GPA</td>
</tr>
<tr>
<td>1992</td>
<td>B.S. Computer Engineering, University of South Florida; 3.90 GPA</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>PROFESSIONAL EXPERIENCE</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2002-current</td>
<td>Associate Professor Departments of Biology/Computer Science, UWF</td>
</tr>
<tr>
<td>1996-2002</td>
<td>Assistant Professor Department of Computer Science, UWF (Visiting, 1996-97)</td>
</tr>
<tr>
<td>1993</td>
<td>Software Engineer Harris Corporation, Space Systems Division, Rockledge, FL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>FELLOWSHIPS, SCHOLARSHIPS, AND AWARDS</strong></th>
<th></th>
</tr>
</thead>
</table>
| 2002 | Award  
Excellence in Undergraduate Teaching and Advising Award  
$2,000. University of West Florida. |
| 1998 | Scholarship  
National Science Foundation (NSF) Travel Scholarship  
Approx. $1,000. Support to attend the Workshop on Teaching Ethics and Computing, Tampa, FL. |
| 1998 | Award  
Outstanding Instructor of the Semester Award  
College of Science and Technology, UWF, Ft. Walton Beach. |
| 1997 | Scholarship  
National Science Foundation (NSF) Travel Scholarship  
Approx. $1,000. Support to attend the Workshop on Undergraduate Education and Image Computation, Puerto Rico. |
| 1994 | Award  
Honorable Mention Pattern Recognition Society Award  
Received award for an outstanding journal article published in Pattern Recognition. |
| 1993 | Award  
Reach for the Stars Employee Recognition Award  
Harris Corporation, Space Systems Division. Received award for enthusiasm, professionalism, and outstanding technical capabilities. |
| 1992-1995 | Fellowship  
National Aeronautics and Space Administration (NASA) Space Grant Consortium Fellowship  
Approx. $12,000/year. Support as a graduate research assistant. Additional graduate funding was also provided by the Air Force Office of Scientific Research. |
| 1991-1992 | Assistantship  
National Science Foundation (NSF) Research Experiences for Undergraduates  
Approx. $5,000/year. Support as an undergraduate research assistant. |

<table>
<thead>
<tr>
<th><strong>PROFESSIONAL MEMBERSHIPS / OFFICES HELD</strong></th>
<th></th>
</tr>
</thead>
</table>
| 1997-current | Member  
Council on Undergraduate Research |
| 1989-current | Member  
Institute of Electrical and Electronics Engineers |
| 1998-2000 | Councilor  
Council on Undergraduate Research, Engineering Division |

**PUBLICATIONS** (Names of authors in the same order of appearance on publications)

**BOOK CONTRIBUTIONS**


**REFEREED JOURNAL ARTICLES**


**This article was awarded an Honorable Mention Pattern Recognition Society Award as an outstanding contribution to Pattern Recognition journal.**

**JOURNAL ARTICLES IN PREPARATION**


**ARTICLES IN PROCEEDINGS**


**PRESENTATIONS**


### GRANTS AND CONTRACTS

#### COMPETITIVE EXTERNAL GRANTS

<table>
<thead>
<tr>
<th>Agency</th>
<th>Dates</th>
<th>Amount</th>
<th>Activity</th>
</tr>
</thead>
</table>
Cahoon, T. & Sutton, M.A. Council on Undergraduate Research (CUR) student summer research fellowship in science and mathematics. [One of 20 nationally awarded for undergraduate research.]

**COMPETITIVE INTERNAL GRANTS**

<table>
<thead>
<tr>
<th>Institution</th>
<th>Year</th>
<th>Amount</th>
<th>Researcher</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UWF, Research &amp; Graduate Studies</td>
<td>2003</td>
<td>$6,250</td>
<td>Sutton, M.A.</td>
<td>Development and assessment of bioinformatics tools to enhance species conservation and habitat management. UWF Summer Research Award.</td>
</tr>
<tr>
<td>UWF, Research &amp; Graduate Studies</td>
<td>2002</td>
<td>$7,500</td>
<td>Sutton, M.A.</td>
<td>The use of function-based reasoning in goal-oriented resegmentation: A new computer vision approach to drive generic object recognition. UWF Summer Research Award.</td>
</tr>
<tr>
<td>UWF, CoST</td>
<td>1998</td>
<td>$1,000</td>
<td>Sutton, M.A.</td>
<td>College of Science and Technology Summer Technology Training Workshop. Grant used to purchase distance learning equipment to support interdisciplinary research (computer science and engineering).</td>
</tr>
<tr>
<td>UWF, Provost</td>
<td>1998</td>
<td>$10,000</td>
<td>Rotunda, R. &amp; Sutton, M.A.</td>
<td>Web-based templates for distance learning and supplemental classroom instruction in psychology. Office of the Provost, Distance Learning and Technology-Based Instruction Initiative Grant.</td>
</tr>
<tr>
<td>UWF, Solutia/CoST</td>
<td>1997-98</td>
<td>$2,000</td>
<td>Sutton, M.A.</td>
<td>Enhancement and analysis of digital mammograms using fuzzy models. Solutia, Inc. and College of Science and Technology Research Award.</td>
</tr>
</tbody>
</table>

**CONTRACTS / CONSULTING**

<table>
<thead>
<tr>
<th>Institution</th>
<th>Year</th>
<th>Amount</th>
<th>Researcher</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NeoPath, Inc.</td>
<td>1997</td>
<td>$1,100</td>
<td>Co-consultant to NeoPath, Inc. in Neuromedical Systems, Inc. vs. NeoPath, Inc.</td>
<td>software patent dispute.</td>
</tr>
</tbody>
</table>

**COURSES TAUGHT**

<table>
<thead>
<tr>
<th>Course</th>
<th>Function in Curriculum</th>
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</thead>
<tbody>
<tr>
<td>BSC 4434/5459 Bioinformatics</td>
<td>required core course for undergraduate Interdisciplinary Information Technology degree plan and graduate Biology M.S. curricula; platform: Windows w/ Perl and Matlab</td>
</tr>
<tr>
<td>CAP 4401 Digital Image Processing</td>
<td>elective course for all Majors/Minors &amp; ECE program; newly developed for CS/CIS undergraduate and graduate curricula; platform: UNIX w/ C or C++ or Windows w/ Matlab</td>
</tr>
<tr>
<td>CAP 5990/6400 Image Processing</td>
<td></td>
</tr>
<tr>
<td>CDA 3310 Microprocessor Systems</td>
<td>required core course for Majors, Minor service course, graduate program prerequisite; platform: Windows w/ 68000 or Intel assembly</td>
</tr>
</tbody>
</table>
CDA 3101 Computer Organization & Architecture  
required core course for Majors & ECE program, graduate program prerequisite; platform: UNIX or Windows w/ MIPS assembly

CIS 3020 Introduction to CIS  
required core course for Majors & ECE program, Minor service course, graduate program prerequisite; newly developed for UWF-UF CS/ECE ABET curricula; platform: UNIX or Windows w/ C++, or Java

COP 3/4331 Object Oriented Programming  
elective course; platform: UNIX w/ C++

COP 3530 Data Structures  
required core course for Majors & ECE program, Minor service course, graduate program prerequisite; newly developed for UWF-UF CS/ECE ABET curricula; platform: UNIX w/ C++, or Java

COP 2/4221 UNIX Operating System & C Prog.  
required core course for Majors, Minor service course; platform: UNIX w/ C

COP 4990 Adv. Operating Systems w/ UNIX & C  
required core course for Majors, Minor service course; platform: UNIX w/ C

COP 4601 Software Systems  
required core course for Majors, graduate program prerequisite; platform: UNIX w/ C

CXX/EEL 4/6905 Directed Independent Studies  
Numerous undergraduate/graduate level supervisions. Co-supervisions performed in cooperation with UWF Cooperative Education Office or ECE Department.

CIS 3949 Co-op Supervision  

EEL 4914C Senior Design (co-supervision)  

---

<table>
<thead>
<tr>
<th>Dates</th>
<th>Role</th>
<th>Student Name / Degree / University / Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1999-current</td>
<td>Chair</td>
<td>S. Sentelle, M.S., Computer Science, UWF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>An Assessment of Fuzzy Clustering and Discrete Wavelet Analysis Applications for the Early Detection of Abnormalities in Digital Mammograms</td>
</tr>
<tr>
<td>1997-2001</td>
<td>Member</td>
<td>M. Powell, Ph.D., Computer Science and Engineering, USF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Toward Objective Color From Images [Dissertation received the USF Graduate Council Outstanding Dissertation Award.]</td>
</tr>
<tr>
<td>1999-2000</td>
<td>Chair</td>
<td>A. Marin, M.S., Computer Science, UWF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Utilization of the Digital Database for Screening Mammography for Performance Assessment of Segmentation Algorithms Using Image Sampling</td>
</tr>
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<table>
<thead>
<tr>
<th>Dates</th>
<th>Role</th>
<th>Activity/Outcomes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001-current</td>
<td>Member</td>
<td>CIS 3020 Intro to CIS Curriculum Planning Committee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CDA 3101 Computer Organization Curriculum Planning Committee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Committees formed to address ABET accreditation course consistency issues for Computer Engineering degree program in Department of Electrical and Computer Engineering.</td>
</tr>
<tr>
<td>2001-current</td>
<td>Coordinator</td>
<td>CAP 4401 Digital Image Processing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CAP4410 Computer Vision</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Course coordinator duties include textbook selection, course development, and design and implementation of assessment instruments to ensure compliance with accreditation standards for senior-level capstone design courses.</td>
</tr>
<tr>
<td>1999-2001</td>
<td>Liaison</td>
<td>UNIX Committee (Ad Hoc)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Collaborated with ITS and departmental/university committee members to develop a multi-campus, multi-year plan for modernization and continued enhancement of UNIX-based facilities. Final proposal was funded for $171,659, w/ recurring funds of approx. $30k/year.</td>
</tr>
</tbody>
</table>
Established rules for course substitutions, approved technical electives, revised the prerequisite/corequisite structure, created and published official flowcharts for degree plans and developed a new Minor in Internet Technologies. Personally assisted UWF support offices with resolution of course leveling conflicts associated with CS Department course offerings.

Helped to ensure consistency in published UWF Catalog. Personally assisted in the initiation, follow-up, and documentation of over 110 CCR reports for the undergraduate, graduate, and service courses. A formal articulation process was also developed and implemented to communicate curricula changes throughout UWF.
Division of Life and Health Sciences

Working Group on Medical Informatics
Regularly attended meetings including faculty, administrators, and local health care professionals serving as consultants and evaluators for new degree programs designed for the health care industry. Assisting in the development of course tracks in the field of medical informatics.

1996-current  Co-director, (w/ Dr. R. Manseur, ECE)

Robotics and Image Analysis Laboratory
Helped supervise students and develop proposals for space, equipment and funding for a jointly operated ECE/CS Department laboratory for interdisciplinary research. Permanent space approved in 1999-2000; corporate sponsorship of $9,000 received in 2000 from Harris Corporation to help fund the start-up of the lab, with an additional gift of $4,500 in 2001.

2003-current  Member

Faculty Search Committee, GIS Department
2003  Member

Excellence in Undergraduate Teaching and Advising Award Committee, UWF
1998-2000  Member

Athletic Fee Committee, UWF
1998-99  Member
1998  Member

Council Representative, College of Science and Technology
Advisor Search Committee, College of Science and Technology
Teaching Incentive Program Award Committee, College of Science and Technology

REGIONAL/COMMUNITY SERVICE

<table>
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<tr>
<th>Dates</th>
<th>Role</th>
<th>Activity/Outcomes</th>
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<tbody>
<tr>
<td>1999-current</td>
<td>Member</td>
<td>Engineering Advisory Council Science Seminar for High School Students</td>
</tr>
<tr>
<td></td>
<td>Co-host</td>
<td>Hosted by UWF College of Science and Technology/Arts and Sciences [each Spring semester]. Worked with colleagues from the Departments of Medical Technology (1998-99), Biology (2000-01) and Engineering (2002) to plan, organize and host 10-11 weekly evening lectures and demonstrations/tours for 11th/12th graders. Outreach efforts reached 278 students in 2000 and 240 students in 2001, w/ average nightly attendance of 90-100 high school students.</td>
</tr>
<tr>
<td>1999</td>
<td>Co-organizer</td>
<td>Math and Science Day, UWF (CS representative to high school seniors)</td>
</tr>
</tbody>
</table>
Regional Science and Engineering Fair, UWF (CS judge for high school projects)

### NATIONAL SERVICE

<table>
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<tr>
<th>Dates</th>
<th>Role</th>
<th>Activity/Outcomes</th>
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</thead>
</table>

This Washington, D.C.-based organization helps faculty promote and fund undergraduate research participation and integrate innovative methods for enriching education. As a Councilor, I designed a Website and formal assessment instruments for evaluating undergraduate research projects in engineering.

<table>
<thead>
<tr>
<th>Dates</th>
<th>Committee Co-Chair</th>
<th>Data and Statistics Committee, Council on Undergraduate Research (CUR)</th>
</tr>
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</table>

### PARTICIPATION IN TEACHING-RELATED CONFERENCES

<table>
<thead>
<tr>
<th>Year</th>
<th>Conferences/Workshops Attended</th>
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</thead>
<tbody>
<tr>
<td>2001</td>
<td>IEEE Workshop on Combined Research-Curriculum Development in Computer Vision, Kauai, HI</td>
</tr>
<tr>
<td>2000</td>
<td>Faculty Teaching Effectiveness and Portfolio Workshop, Center for Univ. Teaching &amp; Learning, UWF</td>
</tr>
<tr>
<td>1999</td>
<td>ABET Engineering Criteria 2000 Training Workshop, Destin, FL</td>
</tr>
<tr>
<td>1999</td>
<td>Eleventh Annual Southeastern Conference on the Teaching of Psychology, Atlanta, GA</td>
</tr>
<tr>
<td>1998</td>
<td>College of Science and Technology Summer Technology Workshop, UWF</td>
</tr>
<tr>
<td>1998</td>
<td>NSF-sponsored Workshop on Teaching Ethics and Computing, USF, Tampa, FL</td>
</tr>
<tr>
<td>1997</td>
<td>NSF-sponsored Workshop on Undergraduate Education and Image Computation, IEEE CVPR, Puerto Rico</td>
</tr>
<tr>
<td>1994-95</td>
<td>Teaching Effectiveness Workshops, Center for Teaching Enhancement, USF, Tampa, FL</td>
</tr>
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</table>

Attended a series of teaching effectiveness workshops (20 hours) to develop and improve teaching skills. Topics included: Enhancing Students’ Critical and Creative Thinking Skills, Active Learning: Creating Excitement in the Classroom, Recognizing and Responding to Learning Style Differences, and Focusing on Communication in the Diverse Classroom.

### PARTICIPATION IN RESEARCH-RELATED CONFERENCES

<table>
<thead>
<tr>
<th>Year</th>
<th>Conferences/Workshops Attended</th>
</tr>
</thead>
</table>

...
2002  Biomedical Engineering Research Grants Conference, The Whitaker Foundation, La Jolla, CA
2001  IEEE Computer Society Workshop on Mathematical Methods in Biomedical Image Analysis, Kauai, HI
2001  Biomedical Engineering Research Grants Conference, The Whitaker Foundation, La Jolla, CA
2000  5th International Workshop on Digital Mammography, Toronto, Canada
1999  Council on Undergraduate Research: National Councillor’s Conference, Minneapolis, MN
1998  IEEE Conference of the North American Fuzzy Information Processing Society, Pensacola, FL
1998  Council on Undergraduate Research: Creating Undergraduate Research Opportunities in Changing Communities, Los Angeles, CA
1995  Florida Artificial Intelligence Research Symposium, Melbourne, FL.
1994  IEEE Computer Society Workshop on the Role of Functionality in Object Recognition, IEEE CVPR, Seattle, WA
1992  Florida Artificial Intelligence Research Symposium, Ft. Lauderdale, FL
BARRY R. ARNOLD

Appointed – August 1986

August 2003

EDUCATION

Ph. D. Ethics, Society, and Personality Theory, Emory University 1986
M. Div. magna cum laude Emory University 1976
Graduate Study, Rice University, 1973-1975 (Transferred to Emory)
A. B. cum laude Davidson College, Phi Beta Kappa, 1973
Charles A. Dana Scholar, Thomas F. Staley Scholar, Regent’s Scholar

PROFESSIONAL POSITIONS

Professor, Department of Biology and Department of Philosophy August 2002 – Present
and Director, UWF/Sacred Heart Center for Health Care Ethics,
Division of Life and Health Sciences

Professor of Religious Studies and Philosophy August 2002– Present

Chair, Philosophy, Religious Studies, Interdisciplinary Humanities and Executive Director of the Office
For Applied Ethics

Acting Chair, Philosophy & Religious Studies August 1997– Jan. 1998

Associate Professor of Religious Studies and Philosophy,
University of West Florida     May 1991
Tenured, University of West Florida     May 1990
Assistant Professor of Religious Studies and Philosophy,
University of West Florida     Aug. 1986-
May 1991
Professor of Philosophy Andrew College 1983-1984
Instructor of Religion The Lovett School 1980-1982
University Fellow Emory University and Training Fellow,
Emory 1979-1981
Private Practice, Counseling 1977- Present
Presbyterian U.S. and U.S.A. Clergyman 1976- Present
Graduate Fellow for Advanced Study in Divinity, The
University of Glasgow, (offered annually to one
Student outside the United Kingdom) Fall 1976
Dean’s Fellow Emory University 1975-1976
Teaching Fellow Rice University 1973-1975

PEER REVIEWED PUBLICATIONS

Authored Books

Barry Arnold, The Pursuit of Virtue: The Union of Moral Psychology and Ethics
Peter Lang of
New York, Bern, Frankfurt, Paris. The U.S. publication date was
February 1989.

Dissertation: In Pursuit of Virtue: A moral psychological and theological ethical response to
Alasdair MacIntyre’s After Virtue, Emory, 1986; University Microfilms,
Ann Arbor, MI.

Edited/Co-authored Books
I co-authored and edited *Essays In American Ethics* (Peter Lang Publishing of New York, 1992) with the late James Sellers who was David Rice Professor of Ethics at Rice University. I chose and edited all of his selections. I wrote the introduction and the final three essays entitled “100 Days,” “The Pursuit of Intimacy,” and “The Neutron Bomb.”

**Edited Series of Books**

As creator and editor of a series for Peter Lang Publishing entitled *The Reshaping of Psychoanalysis: From Sigmund Freud to Ernest Becker*, I have done considerable editing and rewriting of eleven volumes. I was awarded a 1993 and 2000 sabbatical for this research.

Volume One by Bernard Bergen of Dartmouth Medical School is entitled, *Illuminated by Darkness: Freud and the Social Bond* (1992), Barry Arnold, Editor.

Volume 2 by Michael DeMaria of the University of West Florida is entitled *Horns and Halos: Towards the Blessing of Darkness* (1992), Barry Arnold, Editor.

Volume 3 by Ron Evans of the University of West Florida is entitled *Text and Context in Ernest Becker’s Denial of Death: The Creative Myth and Cosmic Hero* (1992), Barry Arnold, Editor.

Volume 4 by Professor John Tigue, my former graduate student, now of the University of San Francisco in Quito, Ecuador was published in Spring 1994. Its title is *The Transformation of Consciousness in Myth*, Barry Arnold, Editor.

Volume 5 by practicing psychologist, Dr. Kevin Volkan of Santa Clara, California, was published in Fall 1994. Its title is *Dancing Among the Maenads: The Psychology of Compulsive Drug Use*, Barry Arnold, Editor.

Volume 6 by Professor Dirk Dunbar, my former graduate student, now of Unity College, Maine was published in Fall 1994. Its title is *The Balance of Nature’s Polarities in New Paradigm Theory*, Barry Arnold, Editor.

Volume 7 by Thomas Dalby of Calgary, Canada is entitled *Mental Diseases in History*. It was published in 1997, Barry Arnold, Editor. I wrote the introduction to this volume.
Volume 8 by W.W. Meissner, the leading figure in psychiatry and religion for some forty years was published by Peter Lang of New York (1996), Barry Arnold, Editor. It is titled Vincent’s Religion.

Volume 9 by Howard Covitz of Villanova and Temple was published in 1998, Barry Arnold, Editor. The title Oedipal Paradigms in Collision.

Volume 10 The Creative Matrix by Andrew Brink of McMaster University was published in 2000, Barry Arnold, Editor.

Volume 11 Love, Hate, and Literature by Nicolette David of the University of London published in 2003, Barry Arnold, Editor.

Essays in Books


My expertise in psychology of religion was featured in the doctoral dissertation of Gary Laird from Columbia Theological Seminary. I contributed an analytical essay for the volume focusing on object relations theory in psychoanalysis as an evaluation tool. This volume was completed and approved in 1998.


Journal Articles


I was invited to produce an (1) Homage to my deceased Professor, James Sellers, and (2) offer a collaborative work on Jonathan Edwards to the journal Explorations, Winter 1998, V.17, No. 2, pp. 4-24.


Barry Arnold, “Esoteric Gnosticism, A Psychological Interpretation” was published in
the Spring 1991 issue of Explorations, College Press, University of Dayton, V.9, No.3, pp.69-76.

Barry Arnold, “DRG,” an ethical critique of diagnostic related groups was published in MEDICAL SELF-CARE, February 1990, No.54.


Reviews


TEACHING

Chosen Who’s Who Among American Teachers 2002 (3rd Time)
Finalist for Distinguished Teaching Award 1998.
Nominated for Distinguished Teaching Award 1997.
Nominated for Distinguished Teaching Award 1996.
Recipient of 1995 TIP Award.
Nominated for Distinguished Teaching Award 1995.
Nominated for Distinguished Teaching Award 1994.
Nominated for Distinguished Teaching Award 1993.
Have been teaching Ethics in the Honors program since the program’s inception.
Nominated for Distinguished Teaching Award 1991 and 1992 but ineligible because of recent prior election.
Recipient of Outstanding Performance and Achievement Award authorized by The 1990 Florida Legislature.
Received $7500 Award for Outstanding Undergraduate Teaching and Advising at the University of West Florida, April 1990.
Co-taught an Honors Colloquy with Professor Lanier in English on Batman, Fall, 1989.
In April of 1988, I received the Distinguished Teaching Award for the College of Arts and Sciences of The University of West Florida, 1987-1988.
In May of 1988, I received the Golden Apple Award for Teaching from the Escambia County Foundation for Excellence as Teacher of the Year from the University of West Florida, College of Arts and Sciences.
In 1986-1987 I was second for the distinguished teaching award.

**COURSES TAUGHT: UNDERGRADUATE**

| Ethics in Contemporary Society & Honors |
| Ethics |
| Ethics and the Professions |
| Biomedical Ethics |
| Biomedical Ethics (Honors) |
| Religion and Personality Theory |
| Psychology of Religion |
| Intro. to Religion & Honors |
| Alternative Philosophy |
| Body, Mind Soul |

**COURSES TAUGHT: GRADUATE**

| Moral Development |
| Humanistic Understanding |
| Being |

**MASTER’S THESIS COMMITTEES**

<table>
<thead>
<tr>
<th>Richard McBurnett</th>
<th>Completed June 1987; divinity student at Boston University</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Tigue (Director)</td>
<td>Completed Summer 1987; completed Ph.D. FSU 1990</td>
</tr>
<tr>
<td>Stuart Smith (Director)</td>
<td>In process, Spring 1989 to present</td>
</tr>
<tr>
<td>John Harding</td>
<td>Completed 1993</td>
</tr>
<tr>
<td>Ron Stevens</td>
<td>Completed December 1990</td>
</tr>
<tr>
<td>Linda Stolhanske</td>
<td>Completed 1993</td>
</tr>
<tr>
<td>Consulted regarding thesis in history (Coker) 1991-92</td>
<td></td>
</tr>
<tr>
<td>Beth Jones (Director)</td>
<td>1992-present</td>
</tr>
<tr>
<td>Robert Bahr</td>
<td>Completed 1992</td>
</tr>
<tr>
<td>Robert Findley</td>
<td>Completed 1993</td>
</tr>
<tr>
<td>Glenn Stanton</td>
<td>Completed 1993</td>
</tr>
<tr>
<td>Tyrone Ealum</td>
<td>in process</td>
</tr>
<tr>
<td>William Kelley</td>
<td>in process</td>
</tr>
<tr>
<td>Matthew Pinson</td>
<td>Completed 1993</td>
</tr>
<tr>
<td>June Watkins</td>
<td>Completed 1993, now at Claremont Ph.D.</td>
</tr>
<tr>
<td>Fletcher (Bert) Blalock</td>
<td>in process</td>
</tr>
<tr>
<td>David Hubbard (Director)</td>
<td>Completed 1996</td>
</tr>
<tr>
<td>Ileana Reamsma (Director)</td>
<td>Completed 1997</td>
</tr>
</tbody>
</table>
Dawn Weaver (Director)  Completed 1999
Sharon Bradshaw   Completed 1999
Scott Davis       Completed 2001
Sandi Beaugez    Completed 1999
Linda Villareal (Director)  Completed 2002
Shawn Wyatt       Completed 2000
John Holder (Director)  Completed 2001

**DIRECTED STUDY ADVISEMENT**

Over 200 students have been under my direction since my coming to the university.

**DOCTORAL COMMITTEE**

Bob Hale                  in progress
Susan Brown               in progress

**MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS AND HONORS**

Chosen Who’s Who in Medicine and Health Care, 2003
Received Nautilus Faculty Award for Exceptional Contributions to Honors, 2002
Named Honorary Member of AED, 2002
Named Fellow and Diplomate American Association of Integrative Medicine;
Named Chair of National Mental Health Advisory Board, American Association of Integrative Medicine, 2002
Named to National Board, American Association of Integrative Medicine
Associate of Cistercian Contemplatives
Florida Philosophical Association
Chosen Who’s Who in America and Who’s Who in the World
Named Fellow In American Board of Child Mental Health Service Providers
Listed in Dictionary of International Biography 1992-3
American Academy of Religion
American Society of Christian Ethics
Southern Society for Philosophy and Psychology
Phi Beta Kappa
Theta Phi (international honor society in religion)
Phi Theta Kappa (chosen as Annual Guest Lecturer for 1983 and 1984 series at Andrew College in the areas of Psychiatry and Religion.)

Chosen as Outstanding Young Man of America, August, 1987

Phi Kappa Phi, University of West Florida, 1987-present

Chosen Who’s Who Among American Teachers, 3 Editions

American College of Counselors, Certified Clinician

National Association of Cognitive-Behavioral Therapists, Certified Cognitive Forensic Therapist and Certified Anxiety Disorders Specialist

American Counseling Association

Received Licensure for Mental Health Counseling, State of Indiana

Named Chair of Examinations for American College of Counselors, toward Indiana Licensure (2000)

I was nominated for the 1994 University Research and Creative Activities Award by Prof. Ron Evans; Michael Flamin, Chief editor of Peter Lang Publishing, now of St. Martin’s Press; and Vice President Steve Cloniger of Queens College.

Appointed Associate Editor of journal Explorations, 1998.

**INTERVIEWS AND INVITED RESEARCH TALKS**

Gave talk to Bio-Ethics Committee at Baptist Hospital on The Process of Forming a Medical Ethics Committee, 2003.


Led series on Simplicity, Solitude at Northminster Church, 1999.


Interviewed by WEAR TV RE: Brownsville’s attempting to bring dead infant back to life, 1998.

Interviewed by American College of Counselors and featured in their journal, 1998.


Led Lenten Series (5 Sessions) at Northminster Presbyterian Church, 1996.


Facilitated discussion for student affairs regarding the place of spirituality on secular campus, 1994.

Spoke at installation of new members of Phi Theta Kappa, honorary society, 1994.

Spoke at Government Street Presbyterian Church, Mobile, for lecture series on medical ethics, 1994.

Keynote speaker for AIDS conference sponsored by West Florida Regional Medical Center, Spring, 1994.

Spoke at various churches including Baptist, Unitarian, Presbyterian, Catholic and Reform Jewish Synagogue on theme interaction between psychology and religion or spirituality, November, 1986; February, May, October, November, December, 1987; April 1988; May, 1988 (twice); June, 1988 (twice); Aug., 1988 (once); November, 1988 (once); December, 1988 (once); January 1989 (once); February, 1989 (twice); March, 1989 (once); May, 1989 participated in missing children campaign; January, 1990 (once); September 1990 (once); Presbytery 1991 (once); Winter 1994 (numerous times); Spring, 1996 (numerous times), Spring, 1999 (12 times).

Spoke to Socratic Society and PJC faculty on Lenses, 1993.

Interviewed on Channel 5 regarding Cat Killing and the Satanic Bible, 1993.

Keynote speaker for Ethics and Medicine workshop at West Florida Regional Medical Center, Spring, 1992.


Spring 1990 was Co-Director of Forum on Ethics sponsored by Dean’s Office. Brought Professor Haynes of National Council on Religion and Public Education, Washington D.C. as a speaker for forum sponsored by Department of Philosophy and Religion and Dean’s Office. I gave a talk on Medical Ethics for forum.

Fall 1989: Nautilus News did story on Honors Program utilizing my ethics class.


Interviewed by Nautilog for January, 1989 article for Distinguished Teaching.

Interviewed by Nautilus News twice in Fall, 1988 regarding my distinguished teaching award and the humanities program.

Member of Task Force on Ethics appointed by President Marx, Fall, 1988, interviewed by Voyager regarding the Task Force, Fall, 1988.


Facilitator for group involving UWF faculty, staff, students and medical oncologist from Soviet Union, June, 1988.

Spoke to Association of Medical Technologists at Baptist Hospital, November, 1988 on Medical Ethics. I devised a syllabus so that it would receive Continuing Education Credit for participants.


Spoke to Northwest Florida Oncology Social Workers and Medical Social Workers on Healthy-Mindedness, Pensacola, November, 1987.

Talked to Escambia Bay Jaycees on Personality Types, June, 1987.

Lectured at Annual Phi Delta Kappa meeting at Pensacola Hilton on Education as Empathy, April, 1987.

**UNIVERSITY SERVICE**


Served on the Advisory Board for Division of Life and Health Sciences, 2002 - 2003.

Developing Medical Ethics Program for Division of Life and Health Sciences, 2002 - 2003.


Created and developed Office for Applied Ethics 2000-Present.
Served as Chair of Philosophy, Religious Studies, and Interdisciplinary Humanities 2000-present.


Participated in development of AA to BA program with OWCC, 2000-2003.

Member pre-professional committee 2000 – present

Advisor to AED, Honorary Pre-Med., 2001-Present.

Elected to PEP Committee, 1999.

Acting Chair, Department of Philosophy and Religious Studies, August 1997 to January 1998.

Growth and Development Committee, 1996-8 (Univ.)

Appointed religion liaison to University advising center, 1994 – present.


Serving on Phi Kappa Phi committee to choose Fellowship nominees from UWF, 1992.


Served as temporary replacement on UWF Equal Opportunity Committee and chaired the hearing of a staff grievance, 1990.

Teaching Honors Ethics for University Honors program, Fall 1989-2000.


Re-appointed to Task Force on Student Conduct through Fall 1992.

Appointed to ad hoc committee on Undergraduate Teaching Award, Spring, 1989.

Beginning Summer 1989: Serving as academic advisor to freshmen.

Secretary for Phi Kappa Phi, UWF Chapter, Summer, 1988 – September, 1989.

Faculty Marshall for Spring 1988 Commencement – Summer 1990, and President’s Inauguration.
Appointed to advisory status for Minority Recruitment, Spring, 1988.

Appointed to University Brainstorming Committee dealing with high school recruitment, Spring, 1988.


Elected to UWF Phi Kappa Phi, May 1987.

Liaison to President between new and adjunct faculty; Fall, 1986 to Fall, 1987.

Subcommittee chairperson for acquisition of university speaker on higher education; Fall, 1986 to Fall, 1987.

**COLLEGE SERVICE**

Participated in creation of cluster course with Stewart of Biology, 2001.

Co-created Honors Bioethics course with Sharma of Biology, 2001.

Teaching Incentive Program Committee (CASS), 1996.

Chair of Humanities Council (Graduate Program), 1993.

Helped develop a graduate course in Psychology entitled Ethics, for Professor Friedrich, 1990.

Appointed to Committee on Undergraduate Honors Program Fall 1990-1992.

Aided in Dr. Barlar’s Project on Distinguished Teaching September 1990.
Utilized my Religion
And Personality class.


Fall 1989: Co-leader of Batman Honors Colloquy with Professor Lanier of English.

Spoke to graduate level English class on the Jesus Myth, September, 1988.
DEPARTMENTAL SERVICE

Created courses in Native American Spirituality and Intro. to the Bible, 2001.


Brought Native American Kiva ceremony to my Alternative Philosophy course, 1999.

Chaired search committee for Office Assistant to replace Arlene Jewell, 1999.

I, with Dr. Power, rewrote by-laws for Department of Philosophy and Religious Studies, 1999.


Oversaw Faculty Search, culminating in selection of Dr. Ferguson, 1997.

Interviewed and hired Office Assistant, Sally Davis, 1997.

Interviewed and hired Adjunct Religion Instructor, Dan Hamel, 1997.

Facilitated the work of new Jewish Studies instructor, 1997.


Prepared BOR document on Dept. of Philosophy Library resources and equipment, Spring 1995.


Created new graduate course in Humanistic Understanding, (temporary title), 1994.

Created new philosophy course entitled Ethics and the Professions, 1993.

Served on Departmental Search Committee for Junior Philosopher, 1990.

Arranged meeting of Dean of Emory with Religious Studies students in Pensacola, Sept. 1990.
Since coming to the University, have created courses entitled: Religion and Personality Theory, Psychology of Religion, Introduction to Religion, Religious Ethics, Moral Development, Ethics and the Professions, Humanistic Understanding. My Introduction to Religion course has been approved (Jan. 1989) as a core course for Arts and Letters.

Brought guest lecturer in medical ethics form University of South Florida Medical School to speak to classes, Fall, Spring, Summer, 1986-87.

COMMUNITY SERVICE

Named to Bio-ethics Committees for all 3 area hospitals 2003.


Served as Acting Moderator on behalf of Presbytery of Florida Jan.-Apr. 2002.


Developed relationships with WEBY Radio, Native Paths, NAS Bioethics, First Union Bank,

Temple Beth’el, West Florida Hospital, Manna Food Bank, Target pharmacy, for The Office for Applied Ethics, 2000-2001.


Some pro bono counseling, private practice, 1996 – present.

Some pro bono counseling, Pace Counseling Center, 1996.

Appointed to Worship Committee, New Church Development, 1993-94.

Consulting Ethicist, West Florida Regional Medical Center, 1990-present.


Joined Presbytery of Florida in Spring 1992; consulted by numerous churches in Florida Presbytery on several occasions.

Spoke to West Florida Hospital on Medical Cases, 1991.
Served as consultant to West Florida Hospital Bio-ethics Committee, 1991 – present.


Advocated for creation of Medical Ethics Committee at Baptist Hospital Fall 1989.

Consulted with Administrators of Sacred Heart Hospital regarding their Medical Ethics Committee Fall 1989.

Relationship with Presbytery of Florida solidified as clergy laboring inside the bounds as University Professor, 1986-present.

Invocation, Benediction periodically for various organizations, 1986-present.


Involved in community concerns with medical community, formation of discussion group in Ethics with director of radiation oncology at Tampa General Hospital, Humana Hospital of Fort Walton Beach, 1986.

**PROFESSIONAL ACTIVITIES**


Named to Board of Examiners for Certification, American College of Counselors, 2000 – present.

Named to National Board, American Association of Integrative Medicine, 2001 - 2003.

Invited to preside over general meeting of International Thomas Merton Society, Summer, 1997 Springhill College.


I served as a reviewer for a volume on Feminism from a series out of Pace University, 1993.


I served as a reviewer for a volume on Nietzsche and Freud for Peter Lang, 1993.

I wrote and article entitled, “What Eyes Do You Look Through? Lenses for all Outlooks” by invitation. It was published in Harbinger, October, 1993.


Presented a paper entitled, “A Psychosocial Interpretation of Valentinian Gnosticism” at Southeastern Commission on the Study of Religion, the American Academy of Religion for presentation during March 10-12, 1989, in Atlanta, GA.


Attended Southern Association of philosophy and Psychology in April, 1987, in Atlanta, GA and presented a paper on “Psychology and Philosophical Ethics, A Rapprochement: David Hume’s Pursuit of Virtue.”

Attended annual national meeting of American Academy of Religion and annual national meeting of Society of Biblical Literature, November 1986 in Atlanta.
CURRICULUM VITAE

RONALD W. BELTER, PH.D., ABPP

Date and Place of Birth: September 21, 1951
Scott AFB, Illinois

Social Security Number: 355-46-3880

Academic Position: Associate Professor, Chairperson
Department of Psychology
University of West Florida
11000 University Parkway
Pensacola, Florida 32514-5750
E-Mail: RBelter@UWF.edu
Phone: (850) 474-2363

Research Appointment: Courtesy Assistant Professor of Pediatrics
(2000-2004)
University of Florida School of Medicine
Pediatric Residency Program
Sacred Heart Hospital
Pensacola, FL

Licensure: Licensed Psychologist, Florida (#PY0005035)
December 3, 1993

Board Certification: Diplomate in Clinical Psychology (#4422)
Diplomate in Clinical Child and Adolescent Psychology (#5700)
American Board of Professional Psychology
May 27, 1993 and August 1, 2003

Education: Quincy College, Quincy Ill., May, 1973
Degree: B.A., Psychology major, Philosophy

minor

Southern Illinois University, Edwardsville,
Degree: M.S., Community-School Psychology
Saint Louis University, St. Louis, Mo., April, 1983

Degree: Ph.D., Clinical Psychology, Child Specialty

Ronald W. Belter, Ph.D.
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Internship:

Pre-Doctoral Intern, Clinical Child/Pediatric Psychology 9/81 - 9/82
Department of Child Psychiatry
Children's Memorial Hospital, Chicago, Illinois

Professional Positions:

Mental Health Worker III, Children's Specialist 2/76 - 8/78
Coles County Mental Health Center, Mattoon, Illinois

Coordinator, National Testing Program (part-time) 9/78 - 9/79
Counseling and Guidance Center
St. Louis University, St. Louis, Missouri

Clinical Fellow (part-time) 9/78 - 8/81
Psychological Clinic, Department of Psychology
Saint Louis University, St. Louis, Missouri

Intern, Clinical Child/Pediatric Psychology (half-time) 7/79 - 8/80
Department of Psychology
Cardinal Glennon Memorial Hospital for Children, St. Louis, Missouri

Psychotherapist/Clinical Psychologist (part-time) 2/83 - 7/85
Child/Adolescent private practice group, St. Louis, Missouri

Clinical Psychologist I 2/84 - 7/85
Treatment Team Coordinator 1/85 - 7/85
Hawthorn Children's Psychiatric Hospital, St. Louis, Missouri
Instructor 9/85 - 6/89
Assistant Professor 7/89 - 7/93
Department of Psychiatry and Behavioral Sciences
Joint Appointment, Department of Pediatrics
Medical University of South Carolina, Charleston, South Carolina

Adjunct Assistant Professor 1/92 - 5/92
Department of Psychology
The Citadel, Charleston, South Carolina

Committees:

Hawthorn Children's Psychiatric Hospital, St. Louis, Missouri
Chairperson, Program Audit Committee, 1984-1985.

Medical University of South Carolina, Department of Psychiatry

South Carolina Psychological Association

University of West Florida
Department of Psychology.
Assistant Coordinator, Counseling Track, 1993-1997.
Chair, Undergraduate Curriculum Committee, 1994-1996.
Chair, Counseling Psychology Search Committee, 1996-1997.
Chair, Department Chairperson Search Committee, 2000-2001.
Chair, Executive Committee, 1999-2001.

College of Arts and Sciences.
At-large Council Member, 1996-1999.
Faculty Merit Scholarship Review Committee, 1996-2000.

Society of Pediatric Psychology, Section 5, Division 12 of APA
Co-Chair, Joint Task Force on Networking and Public Policy, 1995.

American Board of Professional Psychology
Chair, Ad Hoc Committee on Candidate Evaluation Reports, 1995.

Editorial Activity:

Regular Column: "Ethical Dilemmas in Clinical Practice".
Psychological Assessment: A Journal of Consulting and Clinical Psychology,

Memberships:

National Register of Health Service Providers in Psychology (#35573)
American Psychological Association,
Division 12, Clinical Psychology
Division 53, Clinical Child Psychology
Division 54, Society for Pediatric Psychology
Southeastern Psychological Association
Florida Psychological Association
Northwest Florida Psychological Association

Offices Held:

South Carolina Academy of Professional Psychologists
South Carolina Psychological Association
President, 1993.
American Psychological Association, Council of Representatives

**Community Service:**

Florida Department of Health and Rehabilitative Services,  
District 1 Case Review Committee, 1995.  
Mental Health Association of West Florida,  
Chair, Youth Services Committee, 1996-1997.

**Grants:**


Belter, R.W., (Investigator) University of West Florida Office of Research and Graduate Studies. Summer Research Award. A Model for Care of >At-Risk= Children with ADHD in a Primary Care Setting. @ $6500. May, 2001.

**Honors and Awards:**

MUSC Internship Award for Clinical Supervision, 1988  
MUSC Internship Scientist/Practitioner Award, 1989
Society for Personality Assessment, Walter G. Klopfer Award, For Distinguished Contributions to the Literature in Personality Assessment, Honorable Mention, 1990.

University of West Florida, Fort Walton Beach Student Government Association, Outstanding Instructor, College of Arts and Social Sciences, Spring, 1998.

Publications:


**Book Chapters:**


**Book Review:**


**Workshop:**


**Presentations:**


Belter, R.W. (May, 1986). Panel discussion entitled, "Psychologists in Medical Settings." Presented at the South Carolina Psychological Association Spring Convention, Hilton Head, SC.

Belter, R.W. (November, 1985). The role of the school in helping physically and emotionally abused children. Presented at a workshop entitled, "The behaviorally disturbed child in the classroom setting." Department of Psychiatry, Medical University of South Carolina, Charleston, SC.


(*Presentation yielded a published manuscript listed under "Publications").
VITA

ARUP KUMAR MUKHERJEE
Professor: Management/MIS
College of Business
University of West Florida
Pensacola: FL: 32514

EDUCATION

B.Tech., Electrical/ Electronic Engineering, Indian Institute of Technology, Kanpur, India, 1977
(First Class with Distinction).

Ph.D., Management Science, College of Business, University of Tennessee, Knoxville, 1991.
(course work in Management Science, MIS, Production Management and Quantitative
techniques; G.P.A. = 4.0/4.0).

TEACHING EXPERIENCE

1986-1990: Graduate Teaching Assistant, Management Department, University of Tennessee, Knoxville, Tennessee, 37996.

1990-1995: Assistant Professor, Computer Information Systems and Quantitative Methods Department, Fort Hays State University, Hays, Kansas, 67601.

1995 – Aug. 1998: Assistant Professor, Management and MIS Department, College of Business, University of West Florida, Pensacola, Florida.

1998 – Aug. 2002: Associate Professor, Management/ MIS Department, College of Business, University of West Florida, Pensacola, Florida.

Aug. 2002 – Present: Professor, Management/ MIS Department, College of Business, University of West Florida, Pensacola, Florida.

JOURNAL EDITORIAL/EDITORIAL BOARD APPOINTMENTS

Consulting Editor, Journal of Education for Business [1999- present]

Member, Editorial Advisory Board, Computers and Operations Research [2000 - present]

AWARDS

Dewhirst Management Department Graduate Teaching Assistant Award for teaching excellence; (University of Tennessee, 1988).

Dyson Faculty Award for Excellence in Research and Scholarly Activity, College of Business, University of West Florida, 1998.

E. W. Hopkins Award for Outstanding Faculty Development, College of Business, University of West Florida, 1998.

Dyson Faculty Award for Excellence in Service, College of Business, University of West Florida, 1999.

Dyson Faculty Award for Excellence in Research and Scholarly Activity, College of Business, University of West Florida, 2000.

Dyson Faculty Award for Excellence in Service, College of Business, University of West Florida, 2002.

Dyson Faculty Award for Excellence in Research and Scholarly Activity, College of Business, University of West Florida, 2003.

Excellence in Undergraduate Teaching and Advising Award, University of West Florida (2003).

HONORS/ AWARD NOMINATIONS

Phi Kappa Phi National Honor Society.

First rank in the State of Bihar (India) in Indian School Certificate Examination (1971).

Nominated for Distinguished Teaching Award by the Student Government Association, University of West Florida, 1998.
Nominated for Distinguished Teaching Award by the Student Government Association, University of West Florida, 2001.
COURSES TAUGHT

The University of West Florida

Introduction to Management Science
Decision Support and Expert Systems
Introduction to Management Information Systems
Operations Management

Fort Hays State University

Management Information Systems (M.B.A.)
Introduction to MIS
Systems Analysis and Design
Systems Design Project
Decision Support Systems
Expert System Applications
Production/ Operations Research

The University of Tennessee, Knoxville

Management Science
Production and Operations Management
Micro-computer Applications
ARTICLES PUBLISHED IN REFEREEED JOURNALS

1. Mukherjee, A.  

2. Meier, R.J., Mukherjee, A. and Masters, R.J.  

3. Mukherjee, A.  
"Heuristic Perturbation of Optimization Results in a DSS for Instructor Scheduling"; DECISION SUPPORT SYSTEMS, Vol.11 No. 1, 1994, 67-75.

4. Mukherjee, A. and Meier, R.J.  

5. Nataraj, S., Mukherjee, A.K. and Hassett, C.M.  

6. Mukherjee, A.  
"Developing Market preferred Skills through focus on Analysis and Design in the Capstone Project course for CIS/ MIS majors"; JOURNAL OF COMPUTER INFORMATION SYSTEMS, Vol. 37, No. 4, Summer 1997, pages 68 - 73.

7. Mukherjee, A. and Gilbert, K. C.  

8. Mukherjee, A. and Cox, J.L.  

9. Mukherjee, A., Fox, D. and Strahle,W.  

10. Page, D. & Mukherjee, A.  
11. Mukherjee, A.  

12. Mukherjee, A.  

13. Mukherjee, A.  

14. Mukherjee, A. and Cox, J.  

15. Mukherjee, A.  

16. Mukherjee, A.  

17. Mukherjee, A.  

18. Mukherjee, A.  

ARTICLES PUBLISHED IN REFEREED PROCEEDINGS

1. Meier, R.J. and Mukherjee, A.  
2. Mukherjee, A.
"A Hierarchical Strategy for Scheduling of Instructors in Executive Development Programs",
Proceedings of the twenty third annual meeting of the Midwest Decision Sciences Institute, Kansas City, May 3-5, 1992, pages 177 - 179.

3. Mukherjee, A.
"Sample Size Determination and Operator Selection in a Time Study using Goal Programming",

4. Meier, R.J., Hassett, C. M. and Mukherjee, A.
"Practitioners’ views of the Traditional Systems Design Course".

5. Mukherjee, A. and Cox, J.L.

6. Mukherjee, A.
"Impact of Mastery Based Learning Approaches on Student Performance in an Undergraduate Management Science Course"; Proceedings of the 28th Annual Southwest Decision Sciences Institute Conference, New Orleans, March 1997, pages 121 - 123.

7. Nataraj, S., Mukherjee, A. and Hassett, C. M.

8. Nataraj, S., Meier, R.J. and Mukherjee, A.

9. Page, D. and Mukherjee, A.

10. Cox, J.L. and Mukherjee, A.

11. Fox, D., Mukherjee, A. and Strahle, W.
12. Mukherjee, A.

13. Mukherjee, A. and Wheatley, W.J.

14. Mukherjee, A.

15. Mukherjee, A.

16. Mukherjee, A. and Cox, J.L.

17. Mukherjee, A.

18. Mukherjee, A. and Page, D.

19. Fox, D. and Mukherjee, A.

20. Mukherjee, A.

21. Mukherjee, A.

22. Mukherjee, A.

23. Cox, J. and Mukherjee, A.

24. Mukherjee, A.

25. Nataraj, S., Mukherjee, A. and Meier, R.J.
“An Information System Professional’s Perspective on Databases”; Proceedings of the 2002 Annual Conference of the International Association of Information Systems; Fort Lauderdale, FL; October 2-5, 2002; pages 469-475.

26. Mukherjee, A.
“Using a Class Exercise to Promote Understanding of Practical Considerations in use of Models”; Proceedings of the 33rd Annual Conference of the Decision Sciences Institute; San Diego, California; November 23 – 26, 2002; pages 973 – 977.

27. Page, D. and Mukherjee, A.

ARTICLES PUBLISHED IN BUSINESS/INDUSTRY MAGAZINES
Articles in SIBMAG, a publication of the State Bank of India

1. Mukherjee, A.  

2. Mukherjee, A.  

3. Mukherjee, A.  

4. Banerjee, A., Datta, S. and Mukherjee, A.  
"Case Study on Project Appraisal of a Television Manufacturing Unit", SIBMAG, Vol. 3 No. 2 (April 1985)

5. Mukherjee, A.  
"Case Study: Working Capital Assessment and Bank Credit Limits of Unit using Seasonal Raw Materials", SIBMAG, Vol. 3 No.4 (Oct.'85).

6. Mukherjee, A.  
UNIVERSITY SERVICE

The University of West Florida

University level activities

Chair-University Committee on Scholarly and Creative Activities [1998-99].
Chair-University Committee on Scholarly and Creative Activities [1999-2000].
Member, Institutional Computing Committee [1998]
Member, University Research and Creative Activities Committee [1995;1996; 1997]
Member, University Committee on International Affairs [1996]
Faculty participant in university commencement [1996; 1997; 1998]
Member, University Conduct Committee [2000 - 2001]
Member, University General Studies Committee [2001;2002; 2003]
Member, University Diversity and Collegial Culture Committee [2002; 2003]
Member, UPC Collegial Culture and Human Resources Committee [2003]
Member, University Task Force to investigate merger of Computer Science with Math [2003]

College level activities

Chair, College Academic Review and Standards Committee [1999;2000]
Member, College committee on Computer Resources[1996;1997]
Member, College Academic Review and Standards Committee[1997; 1998;]
Member, College Undergraduate Curriculum committee [1997, 1998; 1999; 2000; 2001]
Member, College Personnel Committee [1998; 1999; 2000;2001; 2002; ]
Member, College of Business Council [2002]
Chair, College of Business Task Force to investigate merger of CIS and MIS [2003]
Departmental activities

Member, Committee for modernization of the computer lab [1995]

Member, Committee for designing MIS course for M.B.A. students [1995]

Representative in faculty articulation between UWF and Community Colleges [1996]

Member, Committee to review MIS program in response to mandated changes by the State [1996]

Member, Committee for designing certificate course in Management Information Systems [1996]


Coordinator for deciding on journals to discontinue [1998]

Member Search Committee for MIS faculty position [1999; 2000; 2001; 2002]

Fort Hays State University [1990-95]

Member, University Library Committee

Member, University Computer Advisory Committee

Member, Computer laboratory modernization committee

Member, M.B.A. advisory committee

Member, M.B.A. admissions committee

Member, Graduate Programs Quality Council

Member, Faculty search committees

Member, Committee for reorganization of Business Education and Office Administration Department

SERVICE TO THE PROFESSION
Service to Journals

Editorial Service

Consulting Editor, Journal of Education for Business [1999- present]

Guest Editor, Journal of Education for Business Special Issue on ‘E-Commerce Issues for Business Education; Published Vol. 76 No. 6; July/August – 2001.

Member, Editorial Advisory Board, Computers and Operations Research [2000- present]

Reviewer Service

Reviewer, Computers and Operations Research

Reviewer, Journal of Computer Information Systems

Reviewer, Socio-Economic Planning Sciences

Reviewer, Journal of Information Systems Education
[2002]

Reviewer for Conferences

Decision Sciences National meeting - MIS track

Decision Sciences National meeting - MS/OR track
[1998]

Decision Sciences National meeting - Innovative Education track
[2000; 2001;2002;]

Decision Sciences National meeting - DSS/ AI track
[1996; 1997; 1998; 1999]

Decision Sciences National meeting – Quality track
[2002]

Southwest Decision Sciences Institute – Education track
[2003]

Southwest Decision Sciences Institute - MIS track
Southwest Decision Sciences Institute - Quality track
[1996; 1997]

Southwest Decision Sciences Institute – Innovative Education track
[2002]

Southwest Decision Sciences Institute – Production and Operations Management track
[2002]

Southwest Decision Sciences Institute – DSS/Al/KM track
[2002; 2003]

Association for Business Simulation and Experiential Learning
[1996; 1997]

Western Decision Sciences Institute - Public policy track
[1998]

Western Decision Sciences Institute - Business and Innovation on the WWW track
[1998; 1999]

Western Decision Sciences Institute - MIS track
[1998; 1999]

Western Decision Sciences Institute – Management of Quality track
[2002]

Western Decision Sciences Institute – E-business track
[2002]

Western Decision Sciences Institute – Innovative Education track
[2002; 2003]

International Business Schools Computing Association Annual conference
[1998; 1999]

International Association for Computer Information Systems Annual Conference
[1999]

Southern Association for Information Systems Annual Conference

Informing Science and I.T. Education Conference Ireland
[2002]

Southeast Decision Sciences Institute – Education track
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[2003]

Southeast Decision Sciences Institute – IS, MIS, DSS track
[2003]

Southeast Decision Sciences Institute – Teaching/ Experiential learning track
[2003]

**Other Professional Service**

Session Chair, Session on Production, Operations and Service Management at the Association of Management International Conference, Dallas, August, 1994.

Session Chair, Session on Groupware and Knowledge Management at the Southern Association of Information Systems conference, Atlanta, April, 1998.

Session Chair, Session on World Wide Web and Employment Issues at the 2nd Annual conference of the Southern Association for Information Systems, Atlanta, April, 1999.

Member, Best paper Review board for 2nd Annual conference of the Southern Association for Information Systems, Atlanta, April, 1999.

**Session Chair, Student paper session 2 at the Southern Association of Information Systems conference, Atlanta, March-April, 2000.**

**Membership in Professional Societies**

Decision Sciences Institute [1990 – present]

The Institute of Operations Research and Management Sciences [1990-1999]

The International Association for Computer Information Systems [1990-present]

The Institution of Engineers (India) [1977-present]

The Academy of Information and Management Sciences [1998-1999]

Southern Association for Information Systems [1998-present]

Association for Information Systems [2000-2002]
COMMUNITY SERVICE


Studied pharmacy operations in the night shift of pharmacy at the U.T. Memorial Research Hospital to investigate ways to improve operations (Summer 1987).

Conducted Time Study for computerization of work in the pharmacy of the U.T. Memorial Research Hospital to recommend standard times for activities of pharmacists and technicians.

GRANTS RECEIVED

Shell Oil grant for $495.00 for purchase and testing of Micro-Test III, an on-line computerized testing software (1997).

UWF Technology based initiative grant for $6,300.00 for "Computer based testing in Undergraduate Business Courses" (1998).

Shell Oil grant for $775.00 for purchase of CDs for the CD-ROM library for MIS majors (1999).

College of Business (UWF) Summer 2000 Curriculum Development grant for $5,750.00 for development of course titled “Data Management for E-Business” (2000).

PROFESSIONAL DEVELOPMENT

Attended Professional Development Program Workshop on Implementing Enterprise Applications on the Web Using Java Servlets conducted by Dr. R. Subramaniam, University of Alaska - Anchorage, 30th Annual meeting of the Decision Sciences Institute, New Orleans, November 20 - 23 1999.

Completed online training program from DPEC on SQL during December 2000 – February 2001. This training program was offered by UWF for faculty development. It includes a comprehensive training in SQL – the structured query language for creation, management, and querying of databases. The organization DPEC is an online vendor of educational products.

WORK EXPERIENCE IN INDUSTRY

Ronald W. Belter, Ph.D.
Curriculum Vitae
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Attended to various responsibilities associated with nationwide product management of low
tension electrical switchgear products. This included product planning, order scheduling and
marketing.

1978-86: State Bank of India (INDIA)

Attended to various responsibilities including evaluation of technical feasibility and economic
viability of industrial projects; Provided management consultancy support to entrepreneurs of small
scale industry in the areas of project formulation, demand forecasting, capacity planning, selection of
plant and machinery and manufacturer thereof, utilities and manpower planning, project
monitoring, inventory procurement, distribution and production planning; Developed plan for
rehabilitation of sick industries and monitored implementations;
Conducted entrepreneur development programs for small industry entrepreneurs; Supervised
loans to small business, agriculture and the transportation sectors.

PROFESSIONAL EXAMINATIONS PASSED

Passed both parts of the Examination for the Certified Associate of the Indian Institute of Bankers

EDWARD G. RODGERS, Ph.D.
Resume Overview

EDUCATION

Ph.D. in Business Administration, Georgia State University
M.S. in Computer Information Systems,
TSU-Europe in cooperation with USAFE and University of Kaiserslautern, Germany
M.S. in Industrial and Systems Engineering, Georgia Tech
M.S. in International Relations,
TSU-Europe in cooperation with USAFE and University of the Saarlands, Germany
B.S. in Industrial and Systems Engineering, Georgia Tech

BUSINESS AND TRAINING EXPERIENCE

Manager, internal consultant, or analyst in management, systems or operations research for several
organizations including the IBM Corp., General Tire & Rubber Co., Armour & Co., and Milliken, Inc.
Served as a consultant in management, systems, computer science, and operations research to other
organizations. Conducted several training programs for businesses, governmental agencies, and
universities in the U.S., Europe, and Asia. Was co-owner of a systems service business in Germany.

ACADEMIC EXPERIENCE

Tenured Associate Professor and Chair, Department of Computer Science, University of West
Florida. Qualified to teach a variety of courses in computer science, business administration, and
quantitative methods. Taught systems and quantitative methods at Georgia State University and University
of Toledo--joint appointment with the Medical College of Ohio. Taught in several countries in Europe for
Boston University, Troy State University, and The University of Southern California. Significant international experience, including Director of Graduate Affairs and Chairman of the Computer Science Department for a graduate program in Europe, as well as teaching assignments in China, Japan, and Finland.

RESEARCH EXPERIENCE

Conducted research in systems and business administration, software engineering metrics, organizational simulations, computer simulation and modeling, operations research, and presented papers at numerous professional society meetings. Supervised a variety of research and software development projects. Published several articles and coauthored one book. Served as expert witness in computer science/software engineering. Awarded several grants from the National Science Foundation, Shell Oil, Computer Associates, and other software vendors, and instructional grants in China and Finland.

PROFESSIONAL EXPERIENCE

Member of several professional societies including The Institute of Management Sciences (TIMS), Operations Research Society of America, American Institute for Decision Sciences, and Association of Computing Machinery. Held several offices in TIMS, including southeast regional chairperson. Member of Alpha Iota Delta, Phi Kappa Phi, and Beta Gamma Sigma Honoraries. Earned C.D.P. and C.S.P. Professional Certifications from the Institute for the Certification of Computer Professionals.
EDWARD G. RODGERS, Ph.D.
Detailed Resume

EDUCATION:

Ph.D., Business Administration--Georgia State University, 1970
  Dissertation applied experimental psychology and computer modeling to analyze consumer perception.

M.S., Computer and Information Sciences--Troy State University/USAFE/University of Kaiserslautern, Germany, 1983
  Equal emphasis in C.S. & I.S. Special projects in language applications, computer simulation/gaming, and microcomputers.

M.S., Industrial and Systems Engineering--Georgia Institute of Technology, 1966
  Thesis analyzed PERT theory and recommended improvements.

M.S., International Relations--Troy State University/USAFE/University of the Saarlands, Germany, 1982
  Emphasis: International Business, European and Middle Eastern Affairs.


ACADEMIC EXPERIENCE:

1984-Present: Tenured Associate Professor (Interim Chair and former Chair), Department of Computer Science,
The University of West Florida, Pensacola, Florida

Taught the following courses in the B.S., M.S., & M.B.A. programs:
- Database Systems
- Introduction to Operations Research
- Advanced Operations Research
- Introduction to Microcomputer Architecture
- Scientific Programming
- Advanced Database Systems
- Programming Languages
- Exploring the Internet
- Science of Computing
- Software Systems
- Computer Graphics Applications
- Japanese Impact on Computer Technology
- Impact of Computer Technology on Japanese Culture
- Software Engineering I, II
- Software Engineering Project
- Software Engineering Management
- Software Engineering Economics
- Short-Cut Software Engineering
- Operating Systems
- Advanced Operating Systems
- Computers and Society
- Computer Graphics
- CS Seminar
- Computer Simulation and Modeling
- CIS Seminar

Developing courses for web-based delivery.

Committees Served:
- Software Engineering Curriculum (chair)
- Technical Writing
- Eminent Scholar Search
- Academic Computer Services
- Departmental Co-op Advisor
- Extended Learning Search, Art Search, SASS Review, ASD Advisory
- University Admissions (chair)
- Faculty Recruitment (chair)
- University Personnel
- Business College Council (vice chair)
- Faculty Senate (vice president)
- Administrative Systems Search
- College of Science and Technology Council

Additional Duties:

Departmental Software Coordinator: Coordinated efforts to obtain software grants for educational use. Coordinator of the Master of Science in Administration Program, 1989-1991. Taught Production Management, MIS and Quantitative Applications in Management courses as an adjunct professor in the CMU/UWF MSA program. Coordinator of the Applied Learning, Inc. Project, 1989-91: Coordinated the evaluation of the ALI interactive-video learning system with respect to academic integrity, student perception/evaluation/performance and recommended academic and CEU credit. Supervised several CS and MIS directed studies using the CBT materials.
Designed computer curriculum for the Navy Consortium Project and the Navy Security Group Training Program and taught several NSG courses. Received Teaching Incentive Program Award 1998. Invited to teach several courses in Finland, China, and Japan.
1988-1992: Adjunct Professor of Business Management, Central Michigan University
Mt. Pleasant, Michigan (cooperative program with University of West Florida)

Taught the following courses in the Master of Science in Administration program at various locations in the southeast:

- Administrative Research and Report Methods
- Quantitative Applications in Decision Making
- Production Management
- Analysis of Administration
- Management Information Systems
- Management & Organizational Behavior

1974-1984: Associate Professor of C.I.S. and Management, Troy State University, European Region, Wiesbaden, Germany

Taught the following courses in the M.S.C.I.S. and B.S.C.I.S. programs:

- Software Engineering
- Operations Analysis & Modeling
- Computer Simulation
- Applied Systems Analysis
- Operating Systems
- Computer Science Research
- Functional Characteristics of Computers
- Mathematics for Computer Information Systems
- BASIC, COBOL, FORTRAN, Pascal and Assembler Languages
- Management Information Systems
- Applied Computer Technology
- Society & Information Systems
- Database Management
- Introduction to CIS
- Microcomputers
- Programming Languages

Taught M.S. in Management courses in England, Germany, Spain, Italy, Greece, and Turkey:

- MIS & Computer Applications
- Scientific Decision Making
- Managerial Economics
- Economic Forecasting & Analysis
- Production Management
- Theory of Organizations
- Financial Management
- Management Research
- Systems Management
- Marketing Management
- Business & Society
- Personnel Management
- Management Policies
- Human Relations

Developed a computer-based business game for use in management/computer science courses.

1983-1984: Chairman, Department of Computer Science, (also 1981-82), Troy State University, European Region

Coordinator of Computer Science Activities for Troy State University in Europe, including recruiting adjunct faculty, scheduling courses, arranging for computer access, and coordinating curriculum with the home campus.

Established a regional microcomputer center, including determining specifications, procuring and installing the equipment and software. Developed sample programs in COBOL, FORTRAN, BASIC, Assembly Language, and Pascal for C.I.S classes. Developed applications programs for use in the M.S. in Management and the B.S.B.A. programs. Secured “lap-top” computers for M.S. in Management students and faculty.

Established relations with German universities to enable Troy State students to utilize their computer equipment and their outstanding CIS libraries. Students also used USAFE computers.

1982-1984: Adjunct Professor of C.I.S. and Business Administration, Boston University, Germany

Taught the following graduate courses:

- Software Engineering
- Management Information Systems
- Information Structures
- Microeconomics
- Operations Management
- Math for Management
- Management Policy
- Math for CIS
- Pascal
- Proseminar in I.S.
- Macroeconomics
- Financial Management
- Management Science
- Quantitative Methods
1979-1984: Adjunct Professor of Systems Management, University of Southern California, Germany

Taught the following courses in the M.S. in Systems Management Program in Germany:

- Deterministic Models
- Probabilistic Models
- Computer-Aided Decision Making
- Fiscal Aspects of Systems
- Seminar in Management Systems Control
- Systems Analysis
- Logistics Systems Technology
- Logistics Systems Management
- Statistics and Data Analysis
- Systems and Organization Theory

1977-1981: Director of Graduate Affairs, Troy State University, European Region

Coordinated academic and managerial aspects of graduate programs (M.S. in Psychology/Counseling, M.S. in International Relations, M.S. in Management, M.S. in Public Administration) with 1000 students at 26 branch locations in England, Holland, Spain, Germany, Italy, Greece, and Turkey.

Responsible for supervising visiting graduate faculty (30 Ph.D.s from U.S. universities), assigning courses and locations, maintaining the quality of the curricula, and serving as liaison between the university and various administrators of the host-nations, foreign universities, Department of Defense agencies, and military agencies.

Other responsibilities included adjunct graduate faculty recruitment, community relations, relations with faculty, students, accrediting agencies, home campus officials and committees, and other duties equivalent to that of chief academic officer, dean or program director.

1971-1973: Associate Professor of Operations and Systems Analysis, University of Toledo, Ohio

Coordinator of the Operations Research Curriculum, member of the graduate faculty, member of the Graduate Study Committee, Coordinator of the MBA Management Game Seminar. Developed curricula, supervised research and taught the following graduate and undergraduate courses:

- Applied Computer Languages
- Advanced Mathematics Review
- Seminar in Operations Analysis
- Mathematical Programming
- Production Operations Research
- Business Research Methods
- Operations Analysis
- Individual Research
- Systems Applications
- Statistics I & II
- Management Gaming
- Computer Simulation

1967-1971: Assistant Professor of Quantitative Methods, Georgia State University, Atlanta, Georgia

Chairman of the M.S. in Decision Sciences Committee, member of the Ph.D. Planning Committee, member of the MBA Quantitative Curriculum Committee, developed and evaluated quantitative questions for Ph.D. qualifying examinations, administered Ph.D. oral examinations, developed courses and taught the following graduate and undergraduate courses:

- Advanced Mathematics Review
- Applied Quantitative Methods
- Computer Applications of QM
- Seminar on Decision Sciences
- Statistics I
- Quantitative Methods
- Matrix Algebra
- Calculus
- Finite Mathematics
- Statistics II

1965-1966/1961-1963: Instructor in Computer Science, IBM Education Center, Atlanta, Georgia

Taught the following courses:

- Applied Computing Techniques
- Operations Analysis and Modeling
- Assembly Language Programming
- Systems Design and Analysis
- Data Organization and Retrieval
- FORTRAN Programming
- COBOL Programming
- Computer Operations
- Introduction to EDP
- Project Management Techniques
BUSINESS EXPERIENCE:

1979-1981: Co-owner of Systems Services, Wiesbaden, Germany

Together with partner, provided systems and computer services to headquarters office of university in Europe. Applications developed included student records system for 2000 students and various statistical reports for the branch and home campus administration.


Responsible for developing and managing operations research, management consulting and quantitative computer projects for Milliken's largest division. Applications ranged from business analysis and strategic planning to quality control, machine evaluation, process design, forecasting and trend analysis, and production planning. Developed, conducted, and participated in several management development programs. Served as advisor to group president on executive committees. Supervised several analysts and programmers.

1968-1973: Management Consultant

Management and systems consultant to business firms and governmental agencies in Ohio and Georgia: Lockheed-Georgia, American Accounting Association, Data Processing Management Association, Cooper Tire & Rubber Co., Deboer Associates, Department of Technical Services of the State of Georgia, Phoenix Investment Co, and Avisco, Inc. (for the SBA). Supervised several research projects undertaken by employees of Toledo and Atlanta area business firms.

1966-1967: Manager of Operations Research - Armour, Inc. Agri-Chemicals Division, Atlanta, Georgia

Organized the Operations Research Department and was responsible for the development and implementation of O.R. and management consulting projects throughout the Division. Supervised all business analysis, mathematical research, process control and scientific programming activities. Projects included business planning, product-mix optimization, linear programming in blending, process simulation, machine evaluation, forecasting and trend analysis. Supervised several analysts and programmers.

1965-1966: Systems Engineer - IBM Corporation. Tampa, Florida, and Atlanta, Georgia

Assisted in the management of IBM customer installations, helped design and implement their EDP systems, served as advisor to company presidents, provided instruction in computer science and computer management topics to their personnel, and provided a consulting and customer relations service to them on a continuing basis. Helped supervise several analysts and programmers.


Served as advisor to corporate officers on business planning. Designed a computer-controlled, on-line inventory management system. Installed and managed the pilot system in the Chicago district. Techniques included simulation, regression analysis, various forecasting techniques, and many statistical applications. On projects served as liaison to both top management and external consultants. Supervised several technicians and programmers.

1961-1963: Data Center Manager and Systems Engineer - IBM Education and Data Center, Atlanta, Georgia

Coordinated customer use of the computer center and assisted in the solution of programming and operations problems. Responsible for accountability and billing of clients. Prepared reports for evaluating Data Center performance. Conducted customer classes in computer science and computer operations topics. Received extensive education in systems management and computer science, including several programming languages.

1960-1961: Industrial Engineer - Archer Aluminum Division, R. J. Reynolds, Co., Winston-Salem, North Carolina

Conducted methods studies and designed a scheduling system for aluminum casting and processing. Coordinated activities with accountants in designing an information system for standard costs. Conducted several quality control tests. Supervised several technicians.
PROFESSIONAL ACTIVITIES:

Member, Computer Graphics Pioneers of ACM SIGGRAPH, Past Chairman, Southeastern Chapter of the Institute of Management Sciences; Past Chairman, Atlanta-Athens Chapter of the Institute of Management Sciences; Senior Member of the Operations Research Society of America; Association of Computing Machinery; Data Processing Management Association; Charter Member of the American Institute for Decision Sciences; Alpha Iota Delta, Alpha Kappa Psi and Beta Gamma Sigma Honorary Fraternities. Participant in numerous professional society meetings, workshops, and seminars. C.D.P. Professional Certification, 1984, C.S.P. Professional Certification, 1987 (re-certified for both in 1991 by the ICCP). Served as an expert witness in computer science/software engineering.


Lived in Europe and visited political, commercial, historical and cultural places of interest in over 60 countries of Europe, North Africa, the Middle East, and Asia. Met and coordinated activities with several administrators and faculty of foreign universities, representatives of foreign business firms, and members of foreign governmental agencies. Worked out cooperative study projects with foreign universities, and made arrangements for guest lecturers and visits with foreign business firms. Resided in and taught courses in England, Spain, Germany, Italy, Greece, and Turkey. In addition, have presented seminars in several countries, including England, Holland, Germany, Italy, Turkey, Australia, China, and Taiwan. Guest lecturer in Guangzhou, China, 1996, Guest lecturer in Shenzhen and Xian China, 2001. Professor for the Summer in Japan program, Fukuoka, Osaka, and Tokyo, Japan, 2001. Guest lecturer at Mikkeli Polytechnic Institute, Finland, 1999, 2000, 2001, 2003, 2004.

RESEARCH ACTIVITIES:

DOMESTIC RESEARCH: 1984-Present:

Supervised over 100 systems design and computer applications projects funded through the SBDC of NW Florida and many public service projects for governmental and other non-profit organizations. Conducted research on computer graphics, simulation, fourth-generation technology, software engineering metrics and computer-aided software engineering. Supervised many directed research projects for graduate students in software engineering. Supervised undergraduate student research as a part of a NSF grant. Coordinated with the Software Engineering Institute on SE metrics research. Served as an expert witness in software engineering.

1971-1973: Bureau of Business Research, University of Toledo

Analysis of housing demand for Toledo. Use of business games in teaching operations research. Evaluation of a psychological scaling technique in business applications.

1968-1973:

Supervised research activities for Ph.D. and MBA candidates employed in Atlanta and Toledo organizations. Projects included strategic business planning and management consulting, hospital simulation studies for staffing and design of emergency and operating rooms, staffing and scheduling of radiology, pharmacy and kitchen services; industrial simulation studies for staffing, inventory control, maintenance for various firms; linear programming studies in production, site selection, investment strategies, materials handling; and various quantitative studies for a variety of organizations.

1968-1971: Bureau of Business and Economic Research, Georgia State University

Evaluation of a new theory of PERT, applications of multi-dimensional scaling in marketing research, technical information needs for small businesses in Georgia.

INTERNATIONAL RESEARCH:

1974-1984 and 1992-93:

Supervised research activities for graduate students in England, Holland, Germany, Spain, Italy, Greece, and Turkey. Projects included strategic business planning and organizational analysis, systems analysis, marketing studies, financial studies, forecasting, and various quantitative studies in manufacturing plants, distributors, sales outlets, agricultural cooperatives, wineries and numerous small businesses. Military applications included logistics studies, systems analysis, weapons deployment simulations, base
services evaluations, military hospital applications, communications system evaluations, trend analysis, aircraft maintenance and personnel studies. Supervised projects in international economics and energy at the U. Saarlands Lecture Series. Conducted research during 1992-93 sabbatical in Germany and Italy.
PUBLICATIONS:

“Correlation Between Kolb’s Experiential Learning Style and Selection of a Structure in Multimedia Authoring,” Journal of Interactive Instruction and Development (2003), 16(2), 10-24 (with S. Bagui).


"Description and Evaluation of the Web-Based Course, 'Exploring the Internet,' at the University of West Florida," Proceedings of WebNet 96, First World Conference of the Web Society and the Association for the Advancement of Computing in Education (San Francisco, October, 1996).


"Integrating CASE into the CIS Curriculum: Enhancing Understanding and Quality in all CIS Courses," CASE '90 Advance Working Papers (Irvine, CA, December, 1990).


"Improving the Level of Understanding and Usage of Microcomputer Packages Through Organizational Simulations," Proceedings of the Academic Microcomputing Conference (Indianapolis, April, 1988).


The Use of Non-metric Multidimensional Scaling in the Interpretation of Perception of Soft Drink Attributes (Dissertation), Georgia State University, 1970.


ATTENDED (a):


(c) "Java Programming," two week seminar, Mikkeli Polytechnic Institute (Mikkeli, Finland, May-June, 2004).


(a) "Digital Photography Techniques" (workshop participant), Siggraph 2003 Conference (San Diego, July, 2003).

(a) "Mentoring Students in Computer Graphics' (Computer Graphics Pioneers Program), Siggraph 2003 Conference (San Diego, July, 2003).


(c) "Database Systems," four week seminar, Mikkeli Polytechnic Institute (Mikkeli, Finland, March-April, 2003).

(c) "Software Engineering," four week seminar, Mikkeli Polytechnic Institute (Mikkeli, Finland, March-April, 2003).


(a) "Multimedia Constructions in Computer Science Education” (NSF-sponsored workshop), College of Computing, Georgia Tech (Atlanta, May, 2002).

(c) "Database Systems," three week seminar, Mikkeli Polytechnic Institute (Mikkeli, Finland, October, 2001).


(c) "Japanese Impact on Computer Technology," UWF Summer in Japan Program (Fukuoka, Osaka, and Tokyo, Japan, May-July, 2001).

(c) "Impact of Computer Technology on Japanese Culture," UWF Summer in Japan Program (Fukuoka, Osaka, and Tokyo, Japan, May-July, 2001).

(c) "Human Resource Management,” Invited Lecture for MBA Program, Xi'an Jiatong University (Xi'an, People's Republic of China, April, 2001).

(c) "Information and Decision Systems for Human Resource Management," Invited Lectures for KWU/GEC MBA Program (Shenzhen, People's Republic of China, April, 2001).

(c) "Database Systems," three week seminar, Mikkeli Polytechnic Institute (Mikkeli, Finland, October-November, 2000).

(c) "Software Engineering," three week seminar, Mikkeli Polytechnic Institute (Mikkeli, Finland, October-November, 2000).

(p), (a) "Experiences with CASE in Software Engineering Education" (workshop presentation and conference participant), International Conference on Automated Software Engineering, ASE 2000 (Grenoble, France, September, 2000)

(p), (a) "Interactive Methods for Teaching Computer Graphics" (workshop presentation and conference participant), Educators' Workshop and Program, Siggraph '2000 Conference (New Orleans, July, 2000)


(c) "Database Systems," three week seminar, Mikkeli Polytechnic Institute (Mikkeli, Finland, November, 1999).

(c) "Software Engineering," three week seminar, Mikkeli Polytechnic Institute (Mikkeli, Finland, October, 1999).

(p), (a) "Experiences Applying Software Process Concepts in the Undergraduate SE Project Class" (workshop presentation and conference participant), Software Engineering Symposium, SEI, Carnegie-Mellon (Pittsburgh, September, 1999).
(p), (a) "Self-paced Instruction for Teaching Computer Concepts" (workshop presentation and conference participant), Educators' Workshop and Program, Siggraph '99 Conference (Los Angeles, August, 1999).

(p) "Careers in Computing" Presentations made to students at Pensacola High School, Catholic High School, Escambia High School (Pensacola, January, 1999).

(a) "Developing Courses for the Web," tutorial, Syllabus '99 Conference (Santa Clara, August, 1999).

(a) "Web-Deliver Your Teaching Resources into the Classroom," tutorial, Syllabus '99 Conference (Santa Clara, August, 1999).

(a) Educators' Workshop and Program, (workshop participant) Siggraph '98 Conference (Orlando, July, 1998).

(a) "Introduction to Web Design," tutorial, Chi '98 Conference (Los Angeles, April 1998).

(a) "Website Design from the Trenches", tutorial and workshop participant, Chi '98 Conference (Los Angeles, April 1998).

(a) "Distance Learning," tutorial, Chi '98 Conference (Los Angeles, April 1998).

(a) Southeastern ACM Conference (Atlanta, April 1998).


(p) "Careers in Computing" Presentations made to students at Pensacola High School, Catholic High School, Brentwood Middle School (Pensacola, September-December, 1997).

(a) IAMOT Technology Management Conference (Gothenburg, Sweden, June 1997).

(a) Western Decision Science Institute (Kona, Hawaii, April 1997).

(a) World Wide Web Symposium (Kona, Hawaii, April 1997).

(a) Educators' Workshop and Program, (workshop participant) Siggraph '97 Conference (Los Angeles, August, 1997).

(a) "Creating an Interactive, Multimedia Classroom on the Web," WebNet 96 Conference (San Francisco, October, 1996).

(a) Educators' Workshop and Program, (workshop participant) Siggraph '96 Conference (New Orleans, August, 1996).

(a) "Multimedia on the WWW" and "Multimedia Authoring," Syllabus Workshops '96 (Sonoma, CA, April, 1996).

(a) "Multimedia Basics" and "Advanced Multimedia," Syllabus Workshops '96 (Miami, April, 1996).


(c) "American University Programs in Information Systems and Business Management," Seminar presented to faculty at the South China University of Technology (Guangzhou, People's Republic of China, January, 1996).

(c) "General Issues in American Business and Educational Systems," Seminar presented to students at the South China University of Technology (Guangzhou, People's Republic of China, January, 1996).

(a) "The Internet and On-Line Services" and "Multimedia ConForum," ConForum '95, National Engineering Consortium (Miami, December, 1995).

(a) ACM Multimedia '95 (San Francisco, November, 1995).


(p) "How Computers Work," Two presentations made to students in the International Baccalaureate Program, Pensacola High School (Pensacola, October, 1995).

(p) "Exploring the Internet," Television Interview, WEAR-TV (Pensacola, September, 1995).

(a) Educators' Workshop and Program, (workshop participant) Siggraph '95 Conference (Los Angeles, August, 1995).

(c) "Operating Systems," NSG training course, University of West Florida (Pensacola, June-July, 1995).
(c) "Operating Systems," NSG training course, University of West Florida (Pensacola, May-June, 1995).

(c) "Operating Systems," NSG training course, University of West Florida (Pensacola, February-March, 1995).

(c) "Operating Systems," NSG training course, University of West Florida (Pensacola, December, 1994-January, 1995).

(c) "Operating Systems," NSG training course, University of West Florida (Pensacola, October-November, 1994).

(a) Chairpersons Workshop, Institute for Academic Leadership (Howey-in-the-Hills, FL, October, 1994).

(p) Participant in a workshop discussion on "The Effect of Technology on Organization Structure and Management Principles", Information Technology and New Emergent Forms of Organizations, University of Michigan (Ann Arbor, August, 1994).

(c) "Advanced Database Systems," NSG training course, University of West Florida (Pensacola, June-July, 1994).


(c) "Database Systems," NSG training course, University of West Florida (Pensacola, May-June, 1994).

(a) "AI and Software Engineering" (Session Chairperson), "AI in Academia" (Panel Introduction), FLAIRS-94 (Pensacola, May 1994).

(c) "Operating Systems," NSG training course, University of West Florida (Pensacola, April-May, 1994).

(c) "Programming Languages," NSG training course, University of West Florida (Pensacola, March, 1994).


(a) UIIST: 6th Annual Symposium on User Interface Software and Technology (Atlanta, November, 1993).

(p) "CASE and Software Development Productivity," Bitburg and Spangdahlam AFB (Bitburg, Germany, June, 1993).

(p) "Computer Science Curriculum at the University of West Florida," presentation made to Fachbereich Informatik und Computerwissenschaften, Technische Universität Ilmenau, (Thüringen, Germany, May, 1993).

(p) "Effect of Theoretical Notation in Database Courses," (academic work-group discussion), 9th International Conference on Data Engineering (Vienna, Austria, April, 1993).


(c) "Use of CASE in the Computer Science Curriculum," seminar presentation at Fachbereich Informatik, Fachhochschule Wiesbaden (Wiesbaden, Germany, February, 1993).

(p) "CASE and Software Development Productivity," Ramstein AFB (Ramstein, Germany, January, 1993).

(p) "Human Factors in Software Development," Rhein-Main AFB (Frankfurt, Germany, December, 1992).

(a) "Academic Issues Forum," International Conference on Database Theory (Berlin, Germany, October, 1992).

(p) "Use of E-R diagrams and other Graphical Representations versus Symbolic Notation in Database Curricula," (workshop discussant), Entity-Relationship Approach Conference (Karlsruhe, Germany, October, 1992).

(p) "Human Factors in Software Development," San Vito Air Station (Brindisi, Italy, September, 1992).

(c) "Computer-Aided Software Engineering and Relational Database Systems," training course presented at NCTS (NAS Pensacola, July 8-23, 1992).


(p) "Workstation Versus Mainframe Environments for Teaching Software Engineering" (workshop discussant), Downsizing Exposition (Anaheim, September, 1991).
(p) "Integrating Simulation into the CIS and Business Administration Curriculum," presented at Simulation Conference 16 (San Diego, August, 1991).

(p) "Graphics and Simulation in the CIS Curriculum" (workshop discussant), also attended Seminar/Training Courses on Computer Graphics, SIGGRAPH '91, 18th International Conference on Computer Graphics and Interactive Techniques (Las Vegas, July 1991).

(p) "Integrating Computers into the M.S. in Administration Curriculum," Central Michigan University Faculty Development Workshop (Raleigh, March, 1991).

(a) CASE World '90 Exposition (Chicago, October, 1990).

(a) NCF '90, National Communications Forum - National Engineering Consortium (Chicago, October, 1990).

(p) "Introducing Software Engineering into the Computer Science Curriculum," panel participant, Southeast Regional Meeting of ACM (Greenville, SC, April, 1990).


(a) Fifth International COCOMO Users' Group Conference - SEI (Pittsburgh, October, 1989).

(a) NCF '89, National Communications Forum - National Engineering Consortium (Chicago, October, 1989).

(p) "Integrating CA-DATACOM, CA-IDEAL and DATAQUERY into University Database Courses," (with Circe Wu) presented at CADRE '89, ADR Users' Conference (Dallas, September, 1989).

(a) Academic Mini-Conference and Excelling with CASE, Index Technology Users' Conference (San Diego, September, 1989).

(p) Master of Science in Administration Advisor Seminar, Central Michigan University, Southeast Region (Atlanta, August, 1989).

(p) Software Engineering Faculty Development Workshop, SEI (Pittsburgh, July, 1989).

(p) "Integrating Large-Scale Databases into Specific Courses," presented at CADRE '88, ADR Users' Group Meeting (Atlanta, October, 1988).

(p) "Personal Computers," - panel member on Open Forum, WSRE-TV (Pensacola, April, 1988).

(c) "Systems Design and Analysis," - conducted CDP Professional Certification Seminars (Pensacola, April, 1988).

(p) "Developments in Fourth-Generation Technology," presented at the Southeast Region DPMA Student Conference (Pensacola, November, 1987).


(p) "Database Usage in the Academic Environment," presented at CADRE '87 (Las Vegas, October, 1987).

(p) "Trends in Computer Technology with Implications for CPAs," presented at the Florida Institute of CPAs (Pensacola, September, 1987).

(p) Florida Computer Sciences/Engineering Faculty Conference (FHTIC) (Orlando, September, 1987).

(a) IDEAL Application Programming Course, ADR (Atlanta, May, 1987).

(a) Introduction to IDEAL Course, ADR (Atlanta, May, 1987).

(a) Establishing the DATACOM/IDEAL Environment Course, ADR (Atlanta, May, 1987).

(a) NASTEC CASE Seminar (Ft. Lauderdale, March, 1987).

(a) Cullinet Database Seminar (Mobile, October, 1986).
(a) Database Concepts Seminar, Oracle Corporation (Mobile, September, 1986).

(p) Software Engineering Institute Faculty Development Seminar, SEI (Pittsburgh, September, 1986).

(a) CADRE '86, Database and Fourth-Generation Conference (Nashville, September, 1986).

(a) National Database and Fourth-Generation Language Symposia (Boston, December, 1985).

(c) Systems Design and Analysis, conducted CDP Review Seminar (Pensacola, November, 1985).

(a) Structured Systems Development with Fourth-Generation Languages, Software Institute of America (New York, November, 1985).

(p) Computer-Generated Poetry, presented at Computers and Humanities, University of West Florida (Pensacola, June, 1985).

(c) Introduction to Computers for Counselors, workshop conducted at the USAREUR Educational Conference (Berlin, Germany, May, 1984).

(c) Introduction to Computers for Educators, workshop conducted at the USAREUR Educational Conference (Berlin, Germany, May, 1984).


(a) International Symposium on Mathematical Programming (Bonn, Germany, August, 1982).

(c) Applications of Computer Simulation, workshop conducted at the Ramstein Computer Fair (Ramstein, Germany, March, 1982).

(p) Computer Science Education, Subject of a TV Interview presented on the Armed Forces TV Network, Europe (September, 1981).

(c) An Overview of Management and Leadership, workshop conducted at the USAF Hospital (Wiesbaden, Germany, September, 1981).


(p) USAFE Education Conference (Berlin, Germany, April, 1981).

Cooperative Study Project in Management and International Relations, Troy State U. and The University of the Saarlands:

(a) Changes and Limitations of the China Market, 1979


(a) Lectures in International Economics, 1980.

(a) Political and Economic Aspects of the Western World's Relations with the Eastern World, 1980.

(p) Distinguished Lecture Program, presentations made at the International Business Club, Troy State University (Aviano, Italy and Wiesbaden, Germany, 1979-80).

(a) International Conference on Microcomputing (Paris, 1979).

(a) Third European Congress on Operations Research (Amsterdam, 1979).

(a) Southern Management Association (New Orleans, 1978).


(p) USAFE European Conference on Education (Berchtesgaden, Germany, 1978).

(a) German-American Institute Lectures on International Management (Saarbruecken, Germany, 1978).

(p) USAFE European Conference on Education (Berchtesgaden, Germany, 1977).


(p) Management Seminar, presentations made at Troy State University - European Region (Ankara, Turkey, 1977).
(p) Management Education as a Military Resource, presentations made at US Air Force Bases (San Vito, Italy; Aviano, Italy, and Karamursel, Turkey, 1974-75).

(a) Advanced General Purpose Systems Simulator Course, University of Michigan (Ann Arbor, 1974).

(c) Middle Management Orientation Program, Deering-Milliken (Spartanburg, SC, 1974).

(c) Introduction to Operations Research, workshop presented at Deering-Milliken (Spartanburg, SC, 1974).


(c) Individual Privacy in the Computer Age, Current Social Problems and the Law, seminar conducted at the University of Toledo (Ohio, 1973).

(a) Chairman of the Session, Problems of Teaching Modeling, American Institute for Decision Sciences (Atlanta, 1973).

(a) Chairman of the Session, Business Applications in Gaming, Winter Simulation Conference (San Francisco, 1973).


(a) Simulation Symposium, American Institute for Decision Sciences (Memphis, 1972).


(p) "Simulation in Inventory Control", American Production & Inventory Control Society (Toledo, 1972).

(c) Mathematics for Management - seven seminars conducted for executives of the Cooper Tire & Rubber Company (Findlay, Ohio, 1971-72).

(c) Review of Mathematics for Data Processing, presented to the Data Processing Management Association (Toledo, 1971).

(c) Techniques of Statistical Inference, seminar for the Medical College of Ohio (Toledo, 1971).

(c) Review of Probability and Statistics, seminar for the Medical College of Ohio (Toledo, 1971).

(c) Quantitative Methods for Accounting Professors, workshop conducted at Miami University (Oxford, Ohio, 1970).

(c) Organizing for Quantitative Applications, presented at Georgia State University (Atlanta, 1970).

(c) Management Science Applications of Simulation, seminar conducted for the Data Processing Management Association (Orlando, 1969).


(c) Quantitative Models Course, workshop for the American Accounting Association (San Diego, 1968).

(c) Decision Science for Governmental Managers, workshop conducted at Georgia State University (Atlanta, 1968).

(c) Operations Analysis Concepts, presented for Lockheed-Georgia Corporation (Marietta, 1967).

(c) Introduction to Operations Research, seminar conducted for Armour and Company (Tampa, 1966).

(c) IBM System 360 Concepts, class conducted for Orkin Company (Atlanta, 1966).

(p) Data Processing in Education, presentation made at the Governor's Conference on Education (Tampa, 1965).

(c) Introduction to EDP, seminar conducted for the Florida Industrial Arts Association (Lakeland and St. Petersburg, 1965).

(c) EDP in Law Enforcement, seminars conducted for the Florida Peace Officers Association (Orlando, Tampa, and Sarasota, 1965).

(c) Systems Design and Analysis, seminar conducted for McDill AF Base (Tampa, 1965).

(c) Scientific Programming, seminar conducted for the EMC Corporation (Florida, 1965).

(p) "A Computerized Inventory System," presented to the American Production and Inventory Control Society (Pittsburgh, 1964).
GRANTS AND AWARDS: (Total: $1,038,400)

Bureau of Business and Economic Research, Georgia State University ($2,000), 1970; Bureau of Business Research, University of Toledo ($2,000), 1971; American Association for the Advancement of Science ($1,000), 1972; UWF Shell Grants ($1,000), 1985; ($1,000), 1986; Index Technology Corporation ($15,000), 1986; ($10,000), 1987; ($5,000), 1989; Tominy, Inc. ($1,000), 1986; Golddata Computer Services ($500), 1986; Unify Corporation ($1,000), 1986; NASTEC Corp ($7,500), 1987; ($7,500), 1989; National Engineering Consortium ($1,500), 1988; National Engineering Consortium ($1,500), 1989; ADR Corp. ($800,000), 1988-1990; NSF ($35,000), 1988-1990; NSF (with Wilde) ($82,000), 1990-1992; National Engineering Consortium ($1,500), 1990, UWF Small-Grant Award for Use of Multi-Media in Software Engineering ($2,500), 1994; National Engineering Consortium ($1,700), 1994; National Engineering Consortium ($1,700), 1995; Travel Grant: Guangzhou, China, 1996; Instructional Grant: Mikkeli Polytechnic ($8,000), 1999; Instructional Grant: Mikkeli Polytechnic ($8,000), 2000; Travel Grant: Shenzhen, China, 2001; Web-Development Grant, UWF ($7,000 plus laptop), 2001; Instructional Grant: Mikkeli Polytechnic ($8,000), 2001; Instructional Grant: Mikkeli Polytechnic ($8,000), 2003.

HOBBIES AND PERSONAL INTERESTS:

Photography, Antiques, International Travel and Culture.

OTHER MEMBERSHIPS OR PARTICIPATION:

BRUCE M. SWAIN

330 Valencia St.
Gulf Breeze, FL 32561
Home: (850) 932-7733
Office: (850) 474-3278
Fax (850) 474-3153
bswain@uwf.edu

EDUCATION

Ed.D. in College Teaching Columbia University 1970 English
Interdisciplinary doctoral program in communication at Teachers College:
course work in media history, social psychology, linguistics and
expository writing.
Dissertation topic: "Majority and Minority Americans: A Content
Analysis of Magazine Fiction in 1962 and 1968."
Dissertation director: Dr. Louis Forsdale

M.A.T. Harvard University 1966 English
A.B. Davidson College 1965 English

ACADEMIC EXPERIENCE

Chair, Communication Arts Department, University of West Florida, 2001-present.
Ronald W. Belter, Ph.D.
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I direct a full-time faculty of thirteen, twelve adjunct instructors and seven teaching assistants, offering degree specializations in advertising, journalism, organizational communication, public relations, and telecommunication/film, in addition to a small M.A. program. Total majors: 600

Chair, Department of Communication, Central Missouri State University, 1998-2001. Directed a full-time faculty of 21, offering majors in mass communication, journalism, broadcasting/film, public relations, organizational communication, speech communication, speech/theatre education, and an M.A. program. Total majors: 525. Professor of Journalism. My faculty responsibilities include teaching courses in reporting, editing and reviewing, as well as serving as a thesis or project committee member for M.A. candidates.

Bruce M. Swain – 2

Director, William Allen White Awards program, 1994-1996.
Professor of journalism and member of the Graduate Faculty, 1992-1996.
Taught undergraduate and graduate courses in copy editing and reporting.

Associate professor of journalism, Roy H. Park School of Communications, Ithaca College, 1989-1990.
Helped establish print journalism program.
Taught introduction to mass communication, copy editing and reporting.

Member of the Graduate Faculty and the Honors Faculty.
Assistant head, Journalism Department, 1985-1989.
Member, Peabody Awards screening committee.
Granted tenure, 1983.
Taught introduction to mass communication, reporting and copy editing.

Taught courses in reporting, magazine writing and journalism ethics.

Taught courses in English and mathematics.

Assistant to the Dean, Columbia College, Columbia University, 1966-1968.
BOOK

Bruce M. Swain – 3

MONOGRAPHS
Hawaii: A Healing Island (Kamuela: Five Mountains Medical Community), in press. A history of medicine on the largest island in the chain, 1500 – present.


JOURNAL ARTICLES
“The Kid in Upper Four: How Nelson Metcalf, Jr., Sold Support of the Soldier Next Door to a Disgruntled Public During World War II,” with Charles Pinzon, Journalism History, Fall 2002, pp. 112-120.


ENCYCLOPEDIA ARTICLES


Bruce M. Swain – 4

PUBLICATIONS (continued)

BOOK REVIEWS


CONVENTION PAPERS (REFEREED)


CONVENTION PAPERS (continued)


WRITING AND EDITING EXPERIENCE

Executive assistant to the president and speechwriter, Reading Is Fundamental, Smithsonian Institution, Washington, D.C., 1997-1998.


Editorial consultant, 1974-present. Jobs are listed on pages 9-10.


**HONORS AND AWARDS**

Fellow, Modern Media Institute, St. Petersburg, Fla., 1994

Nominee, H.O.P.E. Award for classroom teaching, University of Kansas, 1992

Gannett Fellow, University of Kentucky, 1985


Teaching Fellow, Poynter Institute, St. Petersburg, Fla., 1982

Kappa Tau Alpha journalism honorary. Elected to membership in 1982

Gannett Fellow, Indiana University, 1980

Finalist, Book of the Year award, Society of Professional Journalists, 1978

University Scholarship, Harvard University, 1965-1966

Charles A. Dana Scholar, Davidson College, 1962-1965

Bruce M. Swain – 7

**MEMBERSHIPS**

Association for Education in Journalism and Mass Communication, 1974-present.
Society of Professional Journalists, 1974-present.
American Journalism Historians Association, 1985-2002
National Communication Association, 1998-2004

**PUBLIC PRESENTATIONS**


Speaker, Inland Press Association editing workshop, Columbus, Ohio, April, 1994.

Co-leader, Harris Press Education seminars on copy editing, five Kansas cities, Fall, 1991.


Speaker, Sportswriting and Ethics Conference, University of Nevada - Reno, January, 1983.

Bruce M. Swain – 8


M.A. THESES DIRECTED

UNIVERSITY OF KANSAS
UNIVERSITY OF GEORGIA

M.A. THESIS COMMITTEES SERVED ON
UNIVERSITY OF WEST FLORIDA
CENTRAL MISSOURI STATE UNIVERSITY
Bruce M. Swain – 9

M.A. THESIS COMMITTEES SERVED ON (continued)

UNIVERSITY OF KANSAS
UNIVERSITY OF GEORGIA

CONSULTING


Bruce M. Swain – p. 10
CONSULTING (continued)

Editorial consultant to Galen Cranz, Ph.D., author of Rethinking the Chair, 1994-1995.
Consultant on media ethics, Modern Media Institute, May 1981.

**PUBLIC SERVICE**

Immediate Past President, Southeast Journalism Conference, 2003-2004
President, Southeast Journalism Conference, 2002-2003
Journalism Advisory Committee, Pensacola Junior College, 2001-present
Member, KMOS-TV Public Advisory Board, 1998-2001
Lecturer, Missouri Boys State, May, 2000
Advisor, University of Kansas chapter, Society of Professional Journalists, 1990-1992
Judge, Inland Press Association newspaper contest, 1990-1992
Judge, James S. Copley Ring of Truth Awards newspaper contest, 1991
President, Northeast Georgia chapter, Society of Professional Journalists, 1988-1989
Judge, Henry W. Grady Prize in journalism history, Association for Education in Journalism and Mass Communication, 1985-1989
Judge, Georgia Scholastic Press Association newspaper contests, 1980-1989
Lecturer, Georgia Scholastic Press Association semiannual workshops, 1980-1989
Judge, Peter Lisagore Awards for Exemplary Journalism, Chicago Headline Club, 1985
Bruce M. Swain – p.11

PUBLIC SERVICE (continued)
Judge, Florida Magazine Association contest, 1984
Judge, Alabama Press Association newspaper contest, 1978
Judge, Society of Professional Journalists national reporting contest, 1974

COMMITTEE SERVICE

University of West Florida
   Interdisciplinary Humanities M.A. Committee
   Search Committee, Dean of Arts and Sciences
   Maygarden Lecture Committee

Central Missouri State University
   Promotion and Tenure Committee, Department of Communication
   Chair, search committees, Department of Communication
   Convener, President’s Task Force on Campus Communication

University of Kansas
   University Promotion and Tenure Committee
   Faculty Committee, School of Journalism
   Graduate Committee, School of Journalism
   Curriculum Committee, School of Journalism
   Ad-Hoc Curriculum Review Committee, School of Journalism
   Search committees for Gannett Professionals in Residence

Ithaca College
   Journalism Committee, School of Communications

University of Georgia
   Third Century Fund Committee, University-wide
   Library Services Committee, University-wide
   Executive Committee, College of Journalism
   Scholarship and Awards Committee, College of Journalism
   Admissions Committee, College of Journalism
   Reading Room Committee, College of Journalism
   Broadcast News Committee, College of Journalism
   Search committees, College of Journalism

University of Kentucky:
   Search committees, School of Journalism
REFERENCES

1. Sam Cox, Ph.D., chair, Department of Communication, Central Missouri State University, Warrensburg, MO 64093. (660) 747-4850.

2. Richard Musser, Ph.D., professor of journalism, and former head, News-Editorial Sequence, William Allen White School of Journalism and Mass Communications, University of Kansas, Lawrence, KS 66045. (785) 864-4738. rmusser@kuhub.cc.ukans.edu

3. Michael Robertson, Ph.D., associate professor of journalism, Department of Communications, University of San Francisco, 2130 Fulton St., San Francisco, CA 94117. (415) 422-6680. robertson@usfca.edu

4. Lianne Fridriksson, Ph.D., associate professor of journalism, Baylor University, Waco, TX 96798. (254) 710-3261. Lianne_Fridriksson@baylor.edu

CURRICULUM VITAE

George L. Stewart, Ph.D.

Personal Data:

Professor and Chair
Department of Biology
Head, Division of Life and Health Sciences
The University of West Florida
11000 University Parkway
Pensacola, FL 32514
Tele:(850) 473-7226
Cellular Phone: (334) 752-5511
E-mail: gstewart@uwf.edu
Education:

B.S., Tulane University, 1969
Ph.D., Rice University, 1973, Parasitology
(Some Aspects of Chemical Pathology in Trichinosis)

Professional Experience:

Teaching Assistant and NIH Predoctoral Trainee (fellowship), Rice University, 1969-1973.
NIH Postdoctoral Trainee (fellowship, Rice University, 1973-May-December)
Research Associate - Lecturer, Rice University, 1974-1976
Assistant Professor, The University of Texas at Arlington, Jan. 1977 - Sept. 1982
Associate Professor, The University of Texas at Arlington, Sept. 1982 - Sept. 1989
Director, Center for Parasitology, The University of Texas at Arlington, Nov. 1983 - 2000
Professor, The University of Texas at Arlington, Sept. 1989 -2000
Adjunct Professor, University of North Texas, 1989 - 2000
Adjunct Professor, University of Texas Southwestern Medical Center at Dallas, 1990-present
Director of Research and Development, Antibody Systems, Inc., 1990-present
Organized North Texas Institutional Review Board (An entity required by FDA for approval of drug and therapeutic protocols to be tested on humans)
Member - North Texas Institutional Review Board
Visiting Professor, University of North Texas Health Science Center, 1998, 1999.
Established a BSL-II Laboratory at The Center for Parasitology at UTA for maintaining and working with BL2 pathogens.
Associate Chairman, Dept. of Biology, University of Texas at Arlington, 1998-2000
Chairman, Department of Biology, The University of West Florida, 2000-present
Head, Division of Life and Health Sciences, The University of West Florida, 2002-present.

Fields of Authority and Graduate Teaching Capability:

Immunology
Parasitology
Epidemiology of Infectious Diseases
Pathophysiology and immunopathology in parasitic diseases
Biochemistry and physiology of parasites
Nutritional relationships between host and parasite
Courses Designed:
- Epidemiology
- Immunity to Parasites
- Parasitology
- Advanced Nutrition
- Ecology of Parasites
- Immunology
- Human Sex
- Bioterrorism

Courses Taught:
- Epidemiology of Infectious Disease (UWF)
- Immunity to Parasites
- Parasitology
- Advanced Nutrition
- Ecology of Parasites
- Human Sex (UWF)
- Medical Microbiology
- Immunology
- Parasitology for Medical Students, University of North Texas Health Science Center, Ft. Worth
- Bioterrorism (UWF)

Membership in Graduate Faculty

Full membership - Department of Biology and School of Nursing at UTA

Theses Supervised:
36 graduate students trained (31 MS, 3 PhD, 2 postdocs, 1 research associate and 2 technicians).

**John Reddington** - thesis supervisor (graduated) - Sigma Xi Best Thesis award-Wash. S.U. - Ph.D.

**Ann Marie Hamilton** - thesis supervisor (graduated) - Utah S. U. - Ph.D.

**Gordon Smyth** - thesis supervisor (part-time), DVM.


**Marsha Kramar** - thesis supervisor (graduated) - Public Health Service.
Ronald W. Belter, Ph.D.
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Larry Charniga -thesis supervisor (graduated) - Sigma Xi Best Thesis award - Univ. N. Carolina - Ph.D.
Mike Roman - thesis supervisor (went into Medical school after 1 yr).
Mike Kilgore - thesis supervisor (graduated) - Texas Tech - Ph.D.
Karen Raines -thesis supervisor (graduated) Sigma Xi Research grant - Colorado S. U. - Ph.D.
Beverly Wood -thesis supervisor (graduated) - Sigma Xi Best Thesis award and Research grant - To UTHSC - Galveston - M.D.
Walter L. Frank III - M.S. candidate (committee member) - SMU.
Ali Bagheri - M.S. candidate (committee member; graduated) SMU.
James DeFord - M.S. candidate -thesis supervisor (graduated) To NTSU, Ph.D. Program - (graduated).
Jackie Adler - Special Student -thesis supervisor. To UTHSC, Galveston, MD program.
Rebecca Kennedy - M.S. candidate - thesis supervisor (graduated) - Phi Sigma grant, Sigma Xi Research grant and American Society of Parasitologists Student Travel Grant. - thesis supervisor- To Univ. of Georgia, Ph.D. program.
Kathleen Shupe, PhD, Post-doc., 1987-1990
Guy Dixon - M.S. Candidate - thesis co-supervisor (graduated) - to NTSU, PhD program.
Tammy McGregor - M.S. Candidate - (committee member) - SMU - UTHSC, Dallas, MD program.
Soosan Ghazizadeh - M.S. candidate -thesis supervisor (graduated) - work conducted at UTHSC, Dallas.
Shantha Kumar - Ph.D.(committee member) - LSUMC, Shreveport, La. (graduated).
Jane Hsu - Ph.D. (committee member ) - NTSU, Denton, Tx.
Elizabeth Larsen - MS candidate - thesis supervisor; Phi Sigma Research grant and Sigma Xi Research grant - (graduated) - To UTHSC - San Antonio, Ph.D. program.
Chi Na Kim - MS candidate (committee member)-graduated.
Ann Rickert - MS candidate - thesis supervisor; Phi Sigma and Sigma Xi Research Grants (graduated).
Ina Kim - MS candidate - thesis supervisor - American Society of Parasitologists Student Travel Grant, Phi Sigma Research Grant, (graduated).
Breck Bennett - MS candidate - thesis supervisor (to Dental School).
Kathleen Alford - MS candidate - thesis supervisor, (graduated); lab tech at Center for Parasitology for past 7 years.
Rick Ursone - MS candidate - thesis supervisor (graduated)- to UTHSC-Houston, MD.
Atousa Brandish - MS candidate - thesis supervisor (to Medical School).
Andrew Stewart - MS candidate (committee member); graduated 1997, to U. Chicago PhD program.
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Joel Montgomery - MS (thesis supervisor), PhD (dissertation supervisor); Sigma Xi Awardee for Best Masters Thesis; Best Student Paper, SWAP 1996; Best Poster, Research Symposium UTA, 1997; Best Poster, Research Symposium UTA 1998; Travel Grant Awardee, ASP 1996; twice Sigma Xi research awardee. Currently with the Epidemic Intelligence Service at CDC.
Jennifer Morris - MS candidate - thesis supervisor (to medical school).
Sheri Hall - Non-thesis MS - Chairman
Dr. George Ignatyev and Dr. Helen Ignatyev - Visiting scientists from Vector Labs in Russia. Participated in Dengue hemorrhagic shock study at Center for Parasitology (November 1999).
Samantha Rivers (UWF) - MS candidate - thesis supervisor
Robert Cross (UWF) – MS candidate – thesis supervisor

Undergraduate Research Students: 268

Grant Applications:

$22,666 - for consulting work on vaccine and skin test for canine heartworm infection. Staggered funding between 8/74 and 8/77.

$4,000 - U.T.A. Organized Research Grant for work on carbohydrate metabolism in \textit{T. spiralis}. Awarded. 9/76-8/77. (awarded before arrival at UTA).

$2,500 - U.T.A. Organized Research Grant for work on the effects of host sex on the growth and development of \textit{T. spiralis}. 9/77-9/78.

Awarded 2 months summer salary for work on #6 (above) from U.T.A.

$64,000 - National Institutes of Health for studies on host parasite biochemical interactions, 6/1/79-5/31/82. Funded.

$1,500 - ORF grant for studies on nutritional relationships between \textit{Aedes aegypti} and \textit{Dirofilaria immitis}, 5/79-8/79. Funded.

$1,800 - Organized Research Grant for work on Trichinous Myocarditis. (9/78-8/79). Funded.

$600 - ORF Travel Grant, 9/80- for travel to International Conference in the Netherlands to present paper.

$2,000 - ORF for cost-sharing in the purchase of a high-speed, refrigerated centrifuge.

$2,400 - ORF for work on "The Effects of Host Diet on Larvaposition by Adult Trichinella spiralis", (9/81-8/82).

ORF summer stipend for summer of 1982 for work on project in no. 13 above.


$4,900 - ORF Research grant for work on "Nutritional Relationships in Schistosomiasis", 9/83-8/84, funded.

Consultant on NIH grants No. USPHSHD14358 and AA07381 to Dr. Leonard Seelig, LSUMC - Shreveport. 1987- 2000.


$15,000/yr between 1985 - present for general research support. Source: consultations with meat-packing industry and biomedical companies.


$2,500 - ASI/Ortho, research and development on immunodiagnostic test for Trypanosoma Cruzi, 1997.

$2,000 - ASI/Ortho, R & D on immunodiagnostic test for Trypanosoma Cruzi, 1997.

$3,159 - ASI, R & D on immune boosting agents for vaccination, 1997.


$14,316 - ASI, Technician's salary for general R & D work on above grants, 1997.

$5,000 - ASI, Purchase of Ultra Low Freezer, 1998.


$1,800 - ASI, Development of Ehrlichia equi antigen suitable for ELISA and IFA.

$6,000 - ASI, Technician supplemental salary, 1998.


$2,100 - ASI, Development of monoclonal Ab to four serotypes of Dengue Virus

$10,500 - Subcontract NIH grant to ATCC for murine plasmodia, 1999-2001.

$3,875-Alcon Laboratories, for study on destruction of Acanthamoeba cysts.

$14,316- ASI, Technicians salary for general R & D work, 1999.
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$5,600 - ASI, Continuation of septic shock-blocking molecules derived from parasites, 1999.


$7,500 - North Texas Medical, A series of studies evaluating the effects of the aloe vera-derived molecule albarin on 17 different models for autoimmune diseases, 1997-1999.

$1,500 - North Texas Medical, detection of cytokines in serum and milk from cows treated with albarin, 1999.

$3,775 - Alcon Laboratories, for study of contact lens disinfection (Acanthamoeba), 2000

$14,316 - ASI, technician salary, 2000

$12,000 in travel grants from University since 1977 for attendance at national and international meetings.

$6,997 - Antibody Systems, Inc., for isolation and purification of the molecule from a parasitic nematode responsible for salvaging 80% of mice in an LD100 model for septic shock, 2000

$7,275 - Antibody Systems, Inc., for testing the efficacy of tetracycline in a model system for hemorrhagic fever, 2000

$3,775 (2nd grant) - Alcon Laboratories, for study of contact lens disinfection (Acanthamoeba), 2000

$6,900 - ASI, for work on the septic shock-blocking effects of parasite extracts, 2000.

**Total Grant Funds:** $615,335 since 1977

At UWF:


Awarded a grant from Agennix, Inc., Houston, TX, 2002 - UWF: $9,582.30
Awarded a second grant from Agennix, May 2002, - UWF: $5,257.21

**Donations:**
Implemented donation of a $2,000 programmable calculator from Texas Instruments, 1983.

Implemented donation of $12,000 in scientific equipment to the Department of Biology, 1989.

Implemented donation of $20,000 worth of animal cages, 1992.

Implemented donation of $33,556 worth of scientific equipment for the Center for Parasitology, 1997.

Implemented donation of $21,500 worth of scientific equipment for the Center for Parasitology, 1998

Implemented donation of $20,000 worth of scientific equipment for the Center for Parasitology, 1999.

**Total value of equipment donated: $109,056**

At UWF:

Implemented donation of a research vessel for UWF valued at: $165,000

Implemented donation of a scanning electron microscope valued at: $150,000

Implemented donation of a Scintillation counter from Eglin AFB to UWF Biology, 2002 - $60,000

**Consulting Activities:**

Methodist Hospital, Houston, Texas
Phillips Roxane, Inc., St. Louis, Mo.
Bellaire Blvd. Animal Clinic, Houston, TX
Houston Zoo
U.S. Fish and Wildlife Service
UTA Student Health Center
Several local veterinarians
Fort Worth Zoo
Fort Worth Museum of Science and History
Local clinics and pathology labs
Dallas Zoo
Biosearch Laboratories
Knickerbocker Engineering
Beltex Corp. - U.S.D.A.
Univ. of North Texas Health Science Center- Biochemistry; lecturer on parasites and hepatitis
UTHSC - Dallas, Departments of Ophthalmology, Immunology, and Microbiology
LSU Medical Center Shreveport - Department of Cell Biology
SMU - Biology
University of North Texas - Biology
Antibody Systems, Inc.
Ortho Diagnostics
Abbott Laboratories
Consultant on three NIH grants awarded to LSUMC - Shreveport, 1994-1998.
Inotek Corporation
Corvas International
Consultant on NIH grant to American Type Culture Collection, 1999-2002
Agennix Inc.
Consultant to ATCC general protistology division, 2001-2002

Current Research Collaborations:

United States Army Medical Research Institute For Infectious Diseases - collaboration on Marburg Virus project - 1998.


INOTEK Corp. - Collaboration on testing parasite-derived immunomodulatory molecules as inhibitors of hemorrhagic fevers, and as immunoaugmentories, 1998-1999.

LSU Medical Center, Shreveport - Transfer of cellular immunity via colostrum from mother to offspring. (Consultant on 4 NIH grants)

Columbia University School of Public Health (N.Y.) - The role of *Trichinella* antigens in redifferentiation of host muscle fibers and nurse cell isolation.

Collaborations With Biomedical Companies

Director of the following projects:


At UWF:

1. Evaluating proprietary substances with anti-septic shock activity - Aggenix, Houston, TX, 2000-2003


**Awards and Honors:**

- Outstanding Young Men of America for 1980
- Who's Who in the South and Southwest for 1980
- Nominated for Piper Teaching Award, 1982
- Dorothy Turbeville Conservation Award (1983)
- Director, Center for Parasitology, 1983-present
- Director and President of Phoenix Society, a nationally recognized wildlife preservation group, 1980-present.
- U. S. D. A. Certification of the Director of the Center for Parasitology at UTA as a federal surrogate inspector of meat for human consumption and export to Europe. (Trichinellosis).
- Nominated for the National Panhellenic Council Teacher of the Year Award, 1989.
- Recipient of the “Special Recognition Award" for service to the American Society of Parasitologists, July 2001 (UWF)

**Research Papers Published:**

- Total published, in press or submitted: 77; two book chapters and four review articles; senior author on 39 papers; 42 papers published with undergraduate, graduate students or post-docs).

**Outside citations by year for the last 11 years:**
Jan. 88-Dec. 88: 15
Jan. 89-Dec. 89: 12
Jan. 90-Dec. 90: 12
Jan. 91-Dec. 91: 12
Jan. 92-Dec. 92: 6
Jan. 93-Dec. 93: 23
Jan. 94-Dec. 94: 17
Jan. 95-Dec. 95: 11
Jan. 96-Dec. 96: 22
Jan. 97-Dec. 97: 6
Jan. 98-Dec. 98: 21
Jan. 99-Dec. 99: 10
Jan. 00-Dec. 00: 13
Jan. 01-Dec. 01: 15
Total: 195


Stewart, G. L., F. K. Soifer and J. Breck Stewart. 1979. The Effects of Various Carbohydrate Diets on *Aedes aegypti* infected with *Dirofilaria immitis*. *Journal of Invertebrate Pathology* 33: (1) 75-80.


Ronald W. Belter, Ph.D.
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**Papers and Posters Presented: 101**

- Local Meetings: 1
- Regional Meetings: 50
- National Meetings: 27
- International meetings: 14
- Invited: 9

"RNA Metabolism in Mouse Trichinosis", 1972, Southwestern Association of Parasitology (S.W.A.P.)

"Some Aspects of cyst Synthesis in Mouse Trichinosis", 1973, S.W.A.P.

"DNA Metabolism in Mouse Trichinosis", 1973, American Society of Parasitologists.

"Studies on Biochemical Pathology in Trichinosis. I. Changes in Myoglobin, Free Creatine, Phosphocreatine and 2 Protein Fractions in Mouse Muscle", 1974, S.W.A.P.

"Studies in biochemical Pathology in Trichinosis". II. Changes in Muscle and Liver Glycogen and Blood Chemistry in Mice", 1975, S.W.A.P.

Toxicity of carbamates to Gastropod Hosts". 1975, S.W.A.P.

"Biochemical Pathology in Trichinosis", invited Seminar, Dept. of Biology, UTA, 1976.

"Changes in Blood Chemistry in Trichinosis", 1977, S.W.A.P.

"This Wormy World", invited Seminar, Biological Society, UTA, 1977.

"*Trichinella spiralis*: The Effects of Host Sex and Crowding of the Host on Parasite Success", 1978, S.W.A.P.

"Analysis of Parasite Success During Concurrent Infection of the Rat with *Eimeria nieschulzi* and *Trichinella spiralis*, April, 1979. SWAP.


Invited seminar: Phi Sigma Brown-bag seminar. December 10, 1979. "....Things that Go Bump in the Night...."


Southwestern Association of Parasitologists: "*Trichinella spiralis* and *T. pseudospiralis*: a comparative study", April 1980. (with M. Kramar)

Southwestern Association of Parasitologists: "The Effects of Host Sex on Host Response to Infection with *Trichinella spiralis*, April, 1980. (with J. Reddington)

Southwestern Association of Parasitologists: "The Effects of Host Enteric Response to Infection with *Trichinella spiralis* on the Rate of Larva Position by Adult Worms", April, 1980. (with G. Kramar)


"A Possible Mechanism for Host Sex-related Differences in the Biology of *Trichinella spiralis*. Southwestern Association for Parasitologists, April, 1981. (with L. Charniga)

"Analysis of the Technique for Determining Fecundity of Adult *Trichinella spiralis* in vitre. Southwestern Association for Parasitologists, April, 1981. (with G. Kramar)


**Invited Seminar:** "Parasite Alteration of host tissues: The nurse cell". Division of Allied Health and Life Sciences, Univ. of Tx. at San Antonio, Oct. 1981.

**Invited Seminar:** Department of Biology, Univ. of Texas at El Paso, April 30, 1982.
Southwestern Association of Parasitologists, "The Chemical Composition of Newborn Larvae of *Trichinella spiralis*," April, 1982.

Southwestern Association of Parasitologists, "Glucose uptake by *Trichinella spiralis*," 1983.

Invited Seminar: Dept. of Biology, North Texas State University, November 17, 1982.

Invited Seminar: Dept. of Biology, Texas Women's University, March 6, 1982.

Invited Seminar: Dept. of Biology, TCJC (N.E.), March 9, 1982.

American Society of Parasitologists, "Glucose uptake by *Trichinella spiralis*," December, 1983.


Southwestern Association of Parasitologists," The Relationship Between Carbohydrate Reserves and Infectivity in *Trichinella spiralis* isolated from Carrion*, April, 1984.


6th International Conference on Trichinellosis, Montreal, Canada "Behavioral, Structural and Absorptive Changes in *Trichinella spiralis* Following Exposure to Host Proteases", August, 1984.


7th International Congress of Immunology, "Maternal-to-neonatal transfer of cell-mediated immunity to *Trichinella spiralis*: Role of T-cell subsets", Berlin, July 30-August 5, 1989. (poster)

FASEB, "Antigen-Specific T lymphocytes mediate maternal-to-neonatal transmission of immunity during lactation in rats", New Orleans, April, 1989. (poster)

RSA Scientific conference, "Effects of ethanol consumption on lactational transfer of anti-parasitic immunity in rats", Denver, June, 1989. (poster)


Southwestern Association of Parasitologists, "Macrophage Function in mice Infected with *Trichinella spiralis* or *T. pseudospiralis*, April 1989.

4th International Congress of Reproductive Immunology, "Immunohistochemical comparison of T-cell and macrophage populations in mammary tissue of control and *Trichinella spiralis* infected rats", July 1989. Kiev, Germany.

Southwestern Association of Parasitologists "Eosinophil Response in mice infected with *Trichinella spiralis* or *Trichinella pseudospiralis* as measured by Lysophospholipase Activity", April, 1989.


Southwestern Association of Parasitologists, "*Trichinella pseudospiralis* overcomes innate resistance of the Chinese hamster to infection with *Trichinella spiralis*, April 1990.

Southwestern Association of Parasitologists, "Role of collagenase in the pathophysiology of *Acanthamoeba Keratitis*, April 1990.


Southwestern Association of Parasitologists, "Homologous Antibody-dependent killing of newborn larvae of *Trichinella spiralis* and *T. pseudospiralis* by neutrophils and eosinophils", April 1991, pg. 18.


Southwestern Association of Parasitologists, "Myeloperoxidase (MPO) levels and percent of MPO positive neutrophils isolated from mice infected with *Trichinella pseudospiralis* or *T. spiralis*, April 1991, pg. 19.

Southwestern Association of Parasitologists, "Susceptibility of corneas from various animal species to *in vitro* and *in vivo* infection with *Acanthamoeba castellanii*, April 1991, pg. 22.
American Society of Parasitologists, "Determination of myeloperoxidase levels and the percent of myeloperoxidase positive cells among neutrophils from mice infected with *Trichinella pseudospiralis* or *T. spiralis*," August 1991, p. 68.

American Society of Parasitologists, "Homologous antibody-dependent killing of newborn larvae of *Trichinella spiralis* and *T. pseudospiralis* by neutrophils and eosinophils, August 1991, p. 65.


American Association for Research in Vision and Ophthalmology, Chemotactic Activity and Adherence of pathogenic and nonpathogenic strains of *Acanthamoeba* to different layers of pig cornea, June 1992.

Characterization and pathogenic potential of an ocular and soil isolate of *Acanthamoeba castellanii*. International Amoeba Conf., Richmond, VA 8/92.


Southwestern Assoc. of Parasitologists. "Reduced Oxidative burst capacity in neutrophils from *Trichinella pseudospiralis*-infected mice and suppression of neutrophil oxidative burst by antigens of *Trichinella pseudospiralis* muscle larvae," April 1992, pg. 16.


Southwestern Association of Parasitologists, "In vitro and in vivo tumoricidal activity of *Acanthamoeba* castellani, April 1993, pg. 12.


International Trichinellosis Conference VIII, modulation of granulocyte function during infection with *Trichinella pseudospiralis*, Sept. 1993, Orvieto, Italy, pg. 147.


Southwestern Association of Parasitologists, “Myocarditis, myositis and plasma creatine phosphokinase during infection with different species of Trichinella", April 1996.

Southwestern Association of Parasitologists, “Protease activity in the excretory-secretory products of muscle, newborn larval and adult stages of *Trichinella sp.*”, April 1996.


The American Society of Parasitologists, “Myocarditis, myositis and plasma creatine phosphokinase during infection with different species of *Trichinella*”, April 1996.


The American Society of Parasitologists, “Protease activity in the excretory-secretory products of muscle, newborn larval and adult stages of *Trichinella sp.*”, April 1996.


Southwestern Association of Parasitologists, “Isozyme modulation during development of *Taenia crassiceps* in mice,” April 1998.


Southwestern Association of Parasitologists, “Changes in activity levels of seven enzymes during development of *Taenia crassiceps* cysticerci in mice, April 1999.
Southwestern Association of Parasitologists, “Uptake and incorporation of $^{14}$C labeled glucose, glycine and proline by in vitro-maintained Trichinella spiralis nurse cells, April 1999.

Southwestern Association of Parasitologists, “Proliferation of myloid stem cells induced by parasite extracts, April 1999.

UWF: Clinical Laboratory Sciences Workshop at Fort Walton Beach, “Parasite -Derived Advances in Biomedicine, Oct. 2001

Editorial Experience:


Review of grants for NSF

Review of papers for Comparative Parasitology, 2 papers in 1999


Review of article for Journal of Helminthology, 1998


Reviewed paper for International Journal for Parasitology (Australia), March 2001 (UWF).

Reviewed paper for Parasite Immunology (England), Jan. 2002 (UWF)

Review of grant for Wellcome Trust, London, UK (Fall 2001 - UWF; Summer 2002 - UWF)


Reviewed papers for a total of 15 national and international journals.

Learned and Honor Societies:

American Society of Parasitologists
American Heartworm Society
Southwestern Association of Parasitologists
Sigma XI (Nominations Committee, 1981-1982).
American Society of Tropical Medicine and Hygiene
New York Academy of Sciences
International Congress on Trichinellosis
Phi Sigma Scientific Research Society (member, Rice University; faculty sponsor and founder at UWF)

Activities In Professional Organizations:

Southwestern Association of Parasitologists
a.Member Nominating Committee, 1976-1977
b.Chairman, Resolutions Committee, 1978-1979
c.Chairman, Nominating Committee, 1979-1980
d.Program Chairman, 1990-1991
e.President, 1991-1992
American Society of Parasitologists


International Trichinellosis Conference VIII, Chairman of Experimental Immunology Session, 1993, Orvieto, Italy.
International Trichinellosis Conference IX, Chairman of Biology/Biochemistry, Mexico City, 1997.
American Society of Parasitologists, Chairman, Immunology Session, 1996 Meeting, Tucson, AZ.
Biotechnologia Havana '97, Chairman, Session on “Novel Immunotherapeutic Approaches to Cancer Treatment”.
American Society of Parasitologists, Chairman, Immunology Session, 1998 meeting, Kona, Hawaii.
International Trichinellosis Conference X, Member of International Organizing Committee, 1998-2000.
American Society of Microbiologists, Texas Branch, Chairman, Session on Parasitology/Immunology, Nov. 1999.
American Society of Parasitologists, Chairman of session on molecular biology and biochemistry, June 2001 (UWF)

Departmental and University Committees:

Departmental:

Undergraduate Curriculum Committee (chairman): 1977-1980
Organized Research Committee (chairman): 1977-1980
Graduate Studies Committee (secretary): 1977-1986, (chairman) 1984-present
Radioactivity Officer, 1980-1983
Animal Care Committee, 1980-1987, 1999- present
Search Committee (Physiologist) 1982
Search Committee (Microbial Ecologist) 1981
Long-range Planning Committee, (chairman) 1983-1985
Self-study Committee (chairman), 1984
Promotion and Tenure Committee, Secretary, 1983-1987; Chairman, 1990
Thrust Committee (chairman), 1987
Search Committee (chairman; Microbial Ecologist) 1991-1992
Chair Search Committee, 1993-1994
Search Committee (2 positions in molecular biology), 1993-1994
Search Committee (chairman, microbiologist), 1992-1993
Search Committee (chairman, molecular microbiologist) 1998-1999
Search Committee, Plant Physiologist, 2000-2001 (UWF)
Search Committee, Biochemist, 2000-2001 (UWF)
Search Committee, Geneticist, 2002 (UWF)
Search Committee, Microbiologist, 2002 (UWF)

University and College:

Animal Care and Maintenance Committee (chairman), 1980-1983
Graduate Faculty of the School of Nursing 1979 - 2000
Dean of Science's Committee on the Office of Sponsored Projects 1982-1983, 1985-1990
Radioactivity Committee 1982-1984
Liberal Arts and Science Council 1984-2000
College of Science Graduate Faculty Committee (Chairman)
AIDS Task Force 1990-2000
College of Science Promotion and Tenure Committee, 1990-1992 (Chairman), 1996-1998 (Chairman); 1999-2001
University-wide Commencement Planning Committee, 1993-1994
University AIDS Education Committee, 1999-2000
University Undergraduate Curriculum Committee, 1999-2000
Chairman, UWF Animal Care & Use Committee, 2000-2003
Member, UWF Presidential Search Advisory Committee, 2001-2002
Member, UWF Presidential Selection Criteria Committee of the Presidential Search Advisory Committee
Search Committee, Director of Sponsored Projects, 2002 (UWF)
President's Undergraduate Program Review Task Force (chairman), 2002-2003 (UWF)

Community Service:

Co-founder of The Phoenix Society. As Director and President of Phoenix have been heavily involved in wildlife rehabilitation/conservation. Extensive utilization of services of our organization by humane societies, zoos, museums, nature centers, veterinarians,
animal shelters, U.S. fish and Wildlife agents, Texas Parks and Wildlife agents, and thousands of citizens throughout North Texas. A broad program of public education has also benefited many adult and youth groups across north Texas.


Talks given: 241
Magazine and newspaper interviews: 79
Radio and Television interviews: 307
In addition, public service announcements on six cable television stations, and local channels 4, 5, 8, 11, 33, 21, 27 and 39.
The Phoenix Show - 2 airings weekly on cable for 4 years.
Organized and directed a Crime Watch Group for our 42-home neighborhood.
National Geographic film at UTA and in Tasmania on Tasmanian Devil parasite. Aired several times on PBS. (30 min)
Discovery Channel Film (60 min) on Komodo Dragon - Filmed at UTA and in Komodo. aired on Animal Channel and affiliates worldwide.
Komodo Dragon articles in Southwest Airline's In-Flight Magazine, in 6 newspaper articles and in one French magazine featuring work at UTA on Komodo Dragon.
Master of Ceremonies for premier showing of Komodo Dragon film with introductions of Perry and Nancy Bass, Ms. Harrington of U.S. State Department and several visiting Russian scientists from Vector (formerly the Biological Warfare Lab for the USSR).

Member of the Committee of 100 Pensacola Chamber of Commerce's Health Services Task Force, 2001-present (UWF)
Board of Directors, Gulf Coast Zoological Society for the Zoo at Gulf Breeze, 2000-present, (UWF)
CURRICULUM VITAE/RESUME

F. Edward Ranelli

PERSONAL DATA:

Date of Birth: February 8, 1943
Marital Status: Married, two children
Address: 4568 Bohemia Place
          Pensacola, Florida 32504
          Phone: (850) 477-2007 (home)
                  (850) 474-2348 (office)

CAREER SUMMARY:

Distinguished career as business executive, economics professor, academic
administrator, consultant and community leader. Demonstrated leadership in
planning, organizing and directing human and other resources towards successful
accomplishment of organizational goals. Strong strategic and entrepreneurial
orientation with proven record as change agent. Excellent communication, staff
development and team building skills. Proficient teach, scholar and consultant
with excellent teacher evaluations and active research record. Active community
leader with strong community and business relationships in Northwest Florida.

BUSINESS EXPERIENCE:

Vice president, Baptist Health Care Corporation, Pensacola, Florida, 1981 -
Present

Development and management responsibilities for post acute care and
senior service programs of large integrated health care system. Directed
successful turnaround and subsequent expansion of financially distressed
projects including a retirement and health care center, large skilled nursing
facility, and full-service home health agency.

President and Chief Executive Officer, Azalea Trace, Inc., 1982 - Present

Responsible for development and management of a retirement and health
care subsidiary with $44.0 million assets, $13.0 million operating budget
and 250 employees.

Directed successful multi-year turnaround of large, financially distressed
retirement and health care facility. Reorganized corporate board,
management and operating structure. Recapitalize company through
equity advances and subordinated debt. Increased sales and occupancy
through revitalized marketing program with new products, contracts, fees
and services. Lowered interest costs by refinancing high cost debt. Spread fixed costs over larger revenue base by phased expansion of residential apartments and nursing facility. Introduced new sources of revenue including companion and home health services and development and expansion of assisted living center.

Eliminated operating losses and re-established viability of corporation. Achieved sustainable full occupancy, profitability and growth while improving service delivery and resident and employee satisfaction.

Implemented three tax-exempt financings which funded expansions, lowered debt service, funded repayment of equity advances and subordinated debt, and established independent self sustaining capital structure.

Directed successful $1.1 million capital fund-raising campaign with donations from residents, employees and businesses for construction of assisted living center.

President and Chief Executive Officer, Baptist Manor, Inc., 1989 - Present

Responsible for development and management of a 170-bed skilled nursing center with $9.5 million assets, $8.0 million revenues, and 170 employees.

Directed development, financing, construction and management of free-standing 90-bed nursing facility which achieved full occupancy and positive cash flow in first year of operation. Planned and directed expansion to 170-bed facility. Refinanced tax-exempt debt. Initiated extensive rehabilitative, respiratory, infusion services and other subacute programs to improve patient care and maximize reimbursement. Achieved superior patient care ratings and superior financial performance.

President, Home Health Care of Pensacola, 1989-1998

Responsible for directing operations of $9.0 million home health joint venture company providing home nursing, infusion, respiratory, home medical equipment and services to patients of multi-hospital and physician health care network.

Developed and implemented strategic plan for profitable growth and expansion of full-service home health care agency. Increased net revenues from $2.5 million to $9.0 million. Restructured organization and staff. Expanded IV, respiratory therapy, home medical equipment product lines. Negotiated subsequent sale of company to joint venture partner.

Vice President, Corporate Development and Marketing, Baptist Health Care Corporation; Pensacola, Florida, 1981-1989
Responsible for corporate development and strategic marketing activities of multi-institutional health care system which includes four hospitals, a retirement center, two HUD projects, two nursing homes, home health agency, retail pharmacy, HMO and a network of primary care clinics and ancillary services.
ACADEMIC EXPERIENCE:

Dean, College of Business, The University of West Florida, October, 2001 – Present.


Provided leadership for substantial enhancement of teaching, research and service performance of department. Refocused faculty and departmental resources on increasing size, breath and quality of undergraduate program. Initiated courses in real estate, insurance and urban economics. Enhanced corporate recruitment and job placement of graduates. Increased scholarly activities of faculty including peer reviewed publications, funded research grants, and academic proceedings. Strengthened department service, visibility and relationships with business and university community. Established Center for Economic and Marketing Education. Jointly published economic quarterly with Pensacola Area Chamber of Commerce.

Proficient teacher and scholar with excellent student evaluation and active research record including peer reviewed publications, funded research grants and academic proceedings. Active participant in university, college and community governance including service as president of Faculty Senate, board member and treasurer of Pensacola Area Chamber of Commerce. Active participant in economic development activities of region. Consultant to area businesses, governments and defense agencies.

CONSULTING EXPERIENCE:


EDUCATION:
University of Chicago
GE Fellow in Applied Economics, Summer 1980

University of Alabama
Ph.D. 1971 - Economics, Finance, Quantitative Methods
M.B.A. 1966 – Marketing
B.S. 1965 - Economics
HONORS, AWARDS AND FELLOWSHIPS:

Public Relations Award in Crisis Communication, PR Casebook, National Competition,
1983.
“Boss of the Year” 1979, American Business Women Association, Pensacola, Florida
NDEA Title IV Fellowship, 1966 - 1969; University Scholarship, 1965 - 1966; Paul Garner Accounting Award, 1964

SELECTED COMMUNITY SERVICE:

Pensacola Area Chamber of Commerce Board of Directors (Treasurer)
Leadership Pensacola Board of Directors
Association of Retarded Citizens Board of Directors
Children’s Home Society Board of Directors (Chairman)
West Florida Consumer Credit, Inc. Board of Directors (Chairman)
Gulf Coast Economics Club Board of Directors
Pensacola Tourist Advisory Council Board of Directors
Pensacola Escambia Development Commission
University of West Florida Community Liaison Committee (Chairman)
College of Business Advisory Council, The University of West Florida
Mayor’s Task Force on Retiree Relocation (Chairman)

RESEARCH AND TEACHING INTERESTS:

Economics: Managerial Economics, Price Theory, Health Care Economics
Marketing: Strategic Planning, Marketing Planning and Strategy.

PUBLICATIONS AND RESEARCH ACTIVITIES:

Peer Reviewed Articles:


Other Publications:


Proceedings:


Presentations:


“Developing and Operating the Hospital Based Continuing Care Retirement Community,” The 1987 Conference for the Retirement Living Industry - Ernst and Whinney, Newport Beach, California, April 1987 and May 1987.


Reports:


Study to Determine the Characteristics of the Drug Industry for Industrial Development in Florida, pp. 82, October 1980.


Research Grants:

The University of West Florida Summer Research Grant, Profit Impact of Marketing Strategy Project for Savings and Loan Industry, Summer 1980.
STAR Grant, Florida Department of Commerce, *Study to Determine the Characteristics of Selected Target Industries for Industrial Development in Florida*, September 1979 - September 1980, ($20,000).

The Intergovernmental Programs Office, City of Pensacola, *Study to Determine the Economic Impact of the Port of Pensacola*, March 1979 - November 1979, ($1,000).


**OTHER PROFESSIONAL ACTIVITIES:**

Speaker to numerous civic and community groups on leadership, planning development, economics and marketing.

Speaker, Panel Leader, Discussant or Reviewer at Mid-South Teachers of Marketing Conference (March 1979 and March 1981); Southwestern Marketing Association (March 1978 and Winter 1978), Southern Economic Association (November 1969).


Seminar Leader and Speaker to several local professional groups, including:

American Marketing Association
Consumer Credit Association
National Association of Accountants
Industrial Management Association
CONSULTING AND OTHER ACTIVITIES:

Savings and Loan Industry:


Consultant to several Florida savings and loan associations, including:
- First Federal Savings and Loan Association, Austin, Texas, November 1980.

Executive Seminars conducted for CEOs in the Savings and Loan industry including:

Health Care Industry:

“Strategic Planning,” Baptist Hospital, Pensacola, Florida, July 1979 - June 1981.

Government and Other Business Consulting:

Navy Education and Training, Pensacola, Florida, June 1976 - February
1977, through the BDM Company.

“Cost Effectiveness of training Systems,” U.S. Army Training and Doctrine
Command,
Ft. Monroe, Virginia, August 1974 - July 1975, through the BDM Company.

Automate Data Processing and Computer Acquisition,” F.E. Booker Company,
Inc.,


“Expert Witness: Impaired Earnings Cases for Local Attorneys,” including:
Levin, Warfield, Middlebrooks, Mabie, Rosenbloum, and Magie
Clark, Partington, Hart and Hart, P.A., Shimek and McDaniel, P.A.
Beggs and Lane

UNIVERSITY SERVICE:

State of Florida Committees:

SUS Faculty Senate Forum
Board of Regents Economic Development Task Force

Selected University Committees:

Faculty Senate (Chairman, 1980-81)
Vice President Selection Committee
Academic Council
Provost Selection Committee
Business College Council
College Personnel Committee
University Governance Committee
MBA Policy Committee
University Budget Committee
SBDC Policy Committee
University Reorganization Committee