

## **Ronald B. Toll, Ph. D.**

Provost and Vice President for Academic Affairs  
Florida Gulf Coast University  
10501 FGCU Boulevard South  
Fort Myers, FL 33965-6565  
rtoll@fgcu.edu  
(239) 590-7035 (office)  
(239) 404-1882 (cell)

---

### **Personal**

Citizenship: U. S. A.  
Married to: Kathy J. Toll, B.S., R.N., M.S.N. (36 years)  
Three adult children: Alexandria, Micah, Danielle  
Two grandchildren: True joys of my life!

### **Education**

**Graduate Certificate** (2004) Harvard Institute for Management and Leadership in Education (MLE). Graduate School of Education, **Harvard University**.

**Ph. D.** (1982) Biological Oceanography, Rosenstiel School of Marine and Atmospheric Science, **University of Miami** (FL)

**B. A.** (1977) Zoology, **Rutgers University** (NJ)  
Graduation with Honors and Highest Distinction in Zoology  
Yatvin Award for Outstanding Zoology Student

**A. A.** (1975) Biology, **Union College** (NJ)  
Phi Theta Kappa (honor society)

### **Academic Appointments**

#### **Florida Gulf Coast University (FL) (Public Comprehensive)**

Provost and Vice President for Academic Affairs (2008-present)  
Acting President (for periods of up to 30 days during presidential vacations, etc.)  
Professor of Marine Sciences (Graduate faculty status) (2008-present)

#### **Lebanon Valley College (PA) (Private, Liberal Arts)**

Vice President for Academic Affairs and Dean of the Faculty (2005-2008)  
Professor of Biology (2005-2008)

#### **University of Central Arkansas (AR) (Public Comprehensive)**

Dean, College of Natural Sciences and Mathematics (1999 – 2005)  
Special Assistant to the President for Technology and Corporate Relations (2003-2005)  
Professor of Biology (Graduate faculty status) (1999 – 2005)

#### **Wesleyan College (GA) (Private, Liberal Arts)**

Chair, Division of Natural Sciences and Mathematics (1995 – 1999)  
Chair, Department of Biology Wesleyan College (1993-1999)  
Munroe Professor of Life Sciences (endowed chair) (1993 – 1999)

**University of the South (Sewanee) (TN) (Private, Liberal Arts)**

Associate Professor of Biology (1990 - 1993)

Assistant Professor of Biology (1983 - 1990)

**Smithsonian Institution, National Museum of Natural History (Wash., DC)**

Research Associate, Department of Invertebrate Zoology (1983-1989)

Postdoctoral Fellow, Department of Invertebrate Zoology (1982-1983)

Predoctoral Fellow, Department of Invertebrate Zoology (1980-1981)

**Administrative Positions Held****Provost and Vice President for Academic Affairs**, Florida Gulf Coast University.

Chief Academic Officer of the University, reporting directly to the President; serving as the deputy chief executive officer and as Acting President during the President's absence; providing academic leadership to meet institutional goals and priorities in a student-centered environment and facilitating, nurturing, coordinating, and supporting the efforts of eight deans and eight other direct reports, over 500 faculty, over 250 staff, and 15,000 students across five colleges, and multiple other units [Office of Planning and Institutional Performance (PIP), Office of Research and Sponsored Programs (ORSP), Office of Academic and Curriculum Support (ACS), University Library, Continuing Education, Academic and Event Technology (AET), Small Business Development Center (SBDC), and WGCU Public Media (National Public Television and Radio stations)]. Responsible for: strategic planning for academic program development; broad access to programs; accreditation/licensure; budget preparation and oversight; supporting institutional priorities in teaching, scholarship, and service; Founding Chair, University Planning and Budget Council (PBC); supervision and negotiation of faculty Collective Bargaining Agreement (CBA); maintain operational knowledge of all division-level units at the University in order to advise the President on a broad range of University issues and represent the University to on- and off- campus constituencies. Support for the FGCU Board of Trustees, State University System Board of Governors, and local regional economic development activities.

**Vice President for Academic Affairs/Dean of the Faculty**, Lebanon Valley College.

Responsible for budget; curriculum, accreditation/licensure, strategic planning; faculty recruitment, development and support; recommendations for promotion, tenure, compensation increases, sabbatical leave, and reassigned time; post-tenure review; design and construction oversight of complete renovation of Science Center. Academic responsibilities include all academic departments and programs (liberal arts and professional), Registrar's Office, Continuing Education, Study abroad, Disabilities Services, Library, Arnold Art Gallery, Community Music Institute, tutoring program, writing center, Masters programs in music education, science education, business administration; doctoral program in Physical Therapy (DPT). Serve as Chair of the General Officers (President's senior council). Direct report to the President. Represent the College to internal and external constituencies in the President's absence.

**Dean**, College of Natural Sciences and Mathematics, University of Central Arkansas

(UCA). Responsible for: budget; curriculum; strategic planning; faculty recruitment, development and support; recommendations for promotion, tenure, compensation increases, sabbatical leave, and reassigned time; post tenure review; design and construction oversight of new building and substantial renovation of existing space; development of external funding including public and corporate grants and private endowment support; establishing corporate partnerships; coordinating student laptop program from inception, through pilot program, to planned full campus-wide deployment.

College consisting of: departments of Biology, Chemistry, Mathematics, Computer Science, and Physics and Astronomy; Arkansas Center for Mathematics and Science Education; Jewell Moore Nature Reserve; planetarium; observatory; particle (proton) accelerator; radiation facilities; scanning electron microscopy/X-ray analysis facility; interdepartmental programs in science education, math/science education and environmental science.

**Special Assistant to the President for Technology and Corporate Relations (UCA)**

Direct report to the President. Responsible for: development and coordination of strategic private public partnerships (P<sup>3</sup>s) with technology and other companies; developing contractual relation with IBM for development of neutral host convergent network and multiple other strategic partnerships with national and regional cellular provider companies, local and regional economic development agencies, and local industries. Authority to negotiate contractual terms and limits. First deployment of revenue generating Third Party Neutral Hosting (TPNH) on any college/university campus in the US. (Recognized as national best practice in mobility computing by Campus Technology Magazine, 2006)

**Founding Director, Institute for Strategic Communications Technologies (UCA).**

Responsible for overall direction and leadership of multi-constituent Institute functioning as strategy generator for innovative business model development. Institute members included Axiom Corporation, Alltel Communications, Cingular Wireless, Daktronics Corporation, DyKnow, IBM, PAETEC Communications, Stratum Broadband, Conway Development Corporation, Conway Area Chamber of Commerce, Conway Mayor's Office, six Public School Systems from Faulkner County, AR.

**Division Chair**, Natural Sciences and Mathematics, Wesleyan College. Responsible for: budget; curriculum; strategic planning; faculty recruitment and development; recommendations for promotion, tenure, and compensation increases; space renovation; development of external funding. Division consisting of: departments of Biology, Chemistry and Physics, Mathematics and Computer Science; arboretum.

**Department Chair**, Biology, Wesleyan College. Responsible for: budget; curriculum; strategic planning; faculty recruitment and development; recommendations for promotion, tenure, and compensation increases; development of external funding.

**Editor-in-Chief**, *American Malacological Bulletin* (1993-2001). Responsible for: budget; editorial review process; final acceptance of manuscripts; all aspects of quality control and publication.

**Associate Director**, Adjunct Sciences Program, S. S. *Central America* Project, Columbus-America Discovery Group (Ohio) (1989-2000). Responsible for coordination and planning of all shipboard and land-based activities associated with research program; coordination of scientific investigations of materials recovered from 19th century wreck site (depth 8000 ft); testifying in Admiralty Court as expert witness under statutes of International Law in 10 year legal dispute regarding ownership of recovered items recognized to be the largest US treasure trove of gold coins and bullion ever found on land or under sea (valued at \$300,000,000).

**Administrative Accomplishments**

**Florida Gulf Coast University**

Faculty recruitment, evaluation, development, and career cycle issues

- ◆ Hired over 250 faculty during period of rapid enrollment growth
- ◆ Revamped faculty recruiting process to enhance review of candidates and support efforts to expand and embrace diversity
- ◆ Facilitated portfolio development workshops to support faculty promotion process
- ◆ Facilitated revisions to college-based promotion documents to clarify expectations and reduce faculty anxiety associated with the process
- ◆ Led comprehensive statistically-based review of compression and inversion of faculty salaries and funded adjustments based on results
- ◆ Led transition of the Student Assessment of Instruction (SAI) (summative assessment) to the Student Perception of Instruction (SPoI) (formative assessment) to better inform continuous improvement of learning outcomes and student success
- ◆ Facilitated improved linkages between faculty annual reviews and promotion reviews
- ◆ Facilitated the founding of the Chairs' Council as a leadership development organization
- ◆ Expanded funding for faculty development grants administered by Faculty Senate to highest per capita levels in the history of the institution
- ◆ Established Annual Faculty/Staff Extramural Grant Awardees Reception
- ◆ Established Annual Faculty Promotion Reception
- ◆ Quadrupled Facilities and Administrative (F&A) return rate to faculty serving as grant principal investigators (PIs) from 5% to 20% in order to incentivize and reward successful grant procurement activities (highest F&A return rate to PIs in the Florida State University System)
- ◆ Funded and hosted faculty travel for five years (up to five faculty per year) to Association of American Colleges and Universities (AAC&U) annual meetings to provide for increased awareness of national best practices in teaching and learning, shared governance, etc.

#### Curriculum development and Assessment

- ◆ Added new undergraduate degree programs in: Journalism (BA); Child Development (BS); Music (BME); Biochemistry (BS); Forensic Science (BS); Economics (BS); Music Therapy (BMT); Public Health (BS); nomenclatural changes to other degrees
- ◆ Added new graduate degree programs in: Environmental Studies (MA); Mathematics (MS); Doctor of Education (EdD); Physical Therapy - transitional (tDPT) (fully on-line); Doctor of Nursing Practice (DNP); Physicians Assistant (MPAS); Engineering (MS); Clinical Mental Health Counseling (MA); School Counseling (MA); Nurse Educator (MSN); nomenclatural changes to other degrees
- ◆ Expect to add the following new degree programs within the next 3 years: Biology (MS); Construction Management (BS); Supply Chain Management (BS); Business Analytics and Informatics (BS); Professional Sales (minor); others as identified in the Strategic Plan dependent upon needs assessment and resources
- ◆ Established Academic Assessment Council to enhance program-level assessment
- ◆ Enhanced cyclic (seven year) program review through improved procedures and additional funding to support external reviews by peer disciplinary professionals

#### Initial specialized accreditations successfully obtained (since 2008)

- ◆ ABET - Accreditation Board for Engineering and Technology
- ◆ NCATE - National Council for Accreditation of Teacher Education
- ◆ ACPHA - Accreditation Commission for Programs In Hospitality Administration
- ◆ NASM - National Association of Schools of Music

- ◆ NASPAA - Network of Schools of Public Policy, Affairs, and Administration
- ◆ NAACLS - National Accrediting Agency for Clinical Laboratory Sciences
- ◆ CHRIE – Council on Hotel, Restaurant, and Institutional Education
- ◆ NAEYC – National Association for the Education of Young Children
- ◆ AMTA – American Music Therapy Association

#### Enhancing instructional pedagogy, program assessment, and integration of technology

- ◆ Established Teaching, Learning & Assessment Initiative (TLAI) (2009-2014)
- ◆ Transformed TLAI to the Lucas Center for Faculty Development (in 2014) (with private gift of \$2 million gift to endowment) which now provides 15 types of programming to support faculty development in support of exemplary instructional outcomes:
  - 1) New Faculty Academy (required fall, semester-long course for all new faculty with less than 2 years of prior FT collegiate level teaching experience;
  - 2) Course Design Academy (CDA I) (every summer);
  - 3) Course Design Academy II (every summer for graduates of CDA I) (both with different topic each summer);
  - 4) Faculty Book Club;
  - 5) Faculty Learning Communities (meet every 2 weeks various topics including student engagement, flipped classroom, on-line teaching, scholarship and professional writing, teaching large classes, gen. ed. Issues);
  - 6) Conversations in the Living Room: weekly presentations on pedagogy by faculty teaching award winners;
  - 7) Early Career Academy (modeled on the New Faculty Academy but with emphasis on faculty in years 3 to 7 of their careers);
  - 8) Established Career Academy (modeled on New and Early Career academies but with emphasis on faculty in years 8+ of their careers);
  - 9) Student Perception of Instruction (SPoI) development and training for faculty and chairs (to facilitate maximized value of the instrument);
  - 10) Coach Mentor Program (pairing of senior exemplary faculty with new faculty);
  - 11) Consultations with faculty and classroom observations (by request, formative);
  - 12) Portfolio Workshop (to assist faculty in preparing promotion portfolios);
  - 13) Adjunct/TA Academy: “Fly Like an Eagle” (to provide pedagogical support for adjunct faculty);
  - 14) Provision of travel grant to faculty presenting on pedagogy at regional and national meetings;
  - 15) Provision of creative course design awards specifically for Gen Ed courses.

#### Leadership

- ◆ Implemented a culture of data-driven decision making
- ◆ Facilitated a comprehensive faculty professional development program for faculty on portfolio development for evaluation and promotion purposes
- ◆ Founding Chair, FGCU Planning and Budget Council (PBC) with six committees (Enrollment and Retention Management Committee; Safety and Facilities Committee; Budget Committee; Environmental Sustainability Committee; Information Resources Committee; Strategic Planning and Institutional Effectiveness Committee).
- ◆ Chair, State University System of Florida (SUSFL) Council of Academic Vice Presidents (CAVP) (elected to four consecutive terms by my peer Provosts, 2012 - 2016).
- ◆ Established the Office of Undergraduate Studies (UGS) and added the Dean of UGS as a new senior administrative position

- ◆ Combined the Office of Research and Sponsored Programs (ORSP) and the Office of Graduate Studies into a single unit under the new position of Associate Vice President for Research and Dean of Graduate Studies in order to achieve strategic synergies
- ◆ Improved administration-faculty relationships to the level of a national best practice (as evidenced by reduction in yearly grievances from 6-8/yr to <1/yr over past 3 yrs)
- ◆ Facilitated overall enrollment growth from 9,388 to 15,031 students over 8 years (60% increase)
- ◆ Facilitated increased student diversity: increases by ethnic group: African American 280%; Hispanic 224%; Asian 210%; Native American 338%, over 7 years.
- ◆ Led increase in number of fulltime faculty from 361 to 542 over 8 years (50% increase)
- ◆ Led increase in graduate students enrolled fulltime from 31% to 43% over 8 years (39% increase)
- ◆ Led process and identified funding to become an institutional Regional Equity Partner for the Florida Lambda Rail, LLC (high-speed internet backbone)
- ◆ Led bargaining with the faculty union (UFF-FGCU), achieving substantially improved union – administration climate (as evidenced by substantially reduced periods of time dedicated to yearly negotiations)
- ◆ Led multistep process of transition of funding to college-level academic units to reflect best practices of Responsibility Centered Management (RCM)
- ◆ Established and serve as chair of the Enrollment Management Tactical Response Team (EMTRT) to coordinate highly granular decision making with regard to student enrollment data, residential housing occupancy rates and wait lists, summer orientation sessions for new matriculants, and related tactical decision points
- ◆ Established new practice by which faculty are directly and materially involved in the design of new academic buildings from the onset of design consideration
- ◆ Established a new practice by which each new academic building has visual design elements as embellishments that reflect the disciplinary nature of the academic units housed therein
- ◆ Host up to six informal ‘Meet and Greets with the Provost’ per year held in my office or in small conference rooms to provide increased opportunities for communication, information sharing, and Q&A
- ◆ Visit each College-unit once per semester to provide increased opportunities for communication, information sharing, and Q&A
- ◆ Funded half-time secretarial position to support the activities of the Faculty Senate

#### Funding Initiatives

- ◆ Facilitated private/public partnership (P3) for establishment of the FGCU Research I-HUB (technology park) with Backe-Galvano Development Group with initial gift of \$1 million to establish an endowed faculty chair (Backe Chair for Renewable Energy), gift of land (valued at \$1.25 million) to build the FGCU Emergent Technologies Institute (ETI) building
- ◆ Assisted with \$12 million special appropriation (over 3 years) from Florida State Legislature for new building to house the FGCU Emergent Technologies Institute (ETI)
- ◆ Assisted with development of \$2 million private donation to endow the David and Linda Lucas Faculty Development Center
- ◆ Assisted with \$31,000 private donation and \$500,000 deferred giving pledge to establish an institute on young children (within the College of Education)
- ◆ Provided support for \$100,000,000 University Capital Campaign
- ◆ Assisted with \$50,000 private donation to endow the Museum Studies program
- ◆ Assisted with establishment of WGPU Public Media endowment

- ◆ Assisted with \$25,000 private donation to establish the Cortese-St. Angelo Veterans' Room and support yearly programming

### Strategic Planning

- ◆ Facilitated planning to dramatically slow annual enrollment growth rates from double digits to under 3.0% as part of a highly successful “soft landing” strategy
- ◆ Called for, and facilitated development of, the “Triangle Report” on space needs and utilization
- ◆ Facilitated development of detailed model for the prediction of needed faculty positions to meet growing institutional enrollment needs
- ◆ Restructured the Council of Deans (COD) to be the strategic visioning body for Academic Affairs
- ◆ Led highly successful campus-wide academic unit positioning/alignment process through the establishment of the faculty led Positioning and Alignment Task Force (PATF)
- ◆ Led development and successful completion of 2010-2015 University Strategic Plan
- ◆ Led financial turnaround at WGPU public media from a series of years of declining fund balances to increasing fund balances and successful launch of its first capital campaign

### Brick and Mortar – Academic Buildings (since 2008: total = \$160 million; 526,000 gsf)

- ◆ Opened Lutgert Hall for the Lutgert College of Business (2008) (70,000 gsf, \$17.3 million)
- ◆ Opened Holmes Hall for the U.A. Whitaker College of Engineering (2009) (74,000 gsf, \$19 million)
- ◆ Planned and completed Academic Building 7 (Seidler Hall)– Laboratory Sciences Building (1<sup>st</sup> Leadership in Energy and Environmental Design (LEED) Platinum higher education building in the State of Florida) (2011) (63,000 gsf, \$15 million)
- ◆ Planned and completed Music Performance Building (2012) (29,000 gsf, \$8 million)
- ◆ Planned and completed addition to Merwin Hall to add 20 new faculty offices (2013) (4,000 gsf, \$0.6 million)
- ◆ Completed Sugden Resort & Hospitality Management Building (2009) (40,000 gsf, \$8.5 million)
- ◆ Planned and completed Marieb Hall (Clinical Health Sciences Building) (2011) (66,000 gsf, \$11.3 million)
- ◆ Planned and completed Kapnick Center for Environmental Educational and Research (on the grounds of the Naples Botanical Gardens, Naples, FL) (2011, 12,000 gsf, \$3.9 million)
- ◆ Planned and completed addition to Vester Marine and Environmental Research Station (2014) (3,000 gsf, \$0.4 million)
- ◆ Assisted with planning and implementation of the FGCU Solar Field, a 2.0 Megawatt photovoltaic (PV) production facility. At the time, the largest PV solar field on any college/university campus in the US (2010) (15 acres, \$14 million)
- ◆ Dedicated a room in the Library building to serve all FGCU veterans as a study lounge and meeting place
- ◆ Planned and completed Emergent Technologies Institute building at the FGCU Research I-Hub (located 2 miles north of campus) (2016) (26,000 gsf, \$12 million)
- ◆ Planning for Academic Building 9 (AB9), laboratory and clinical science (116 gsf, \$48 million)

### Florida Campus Compact Awards (“Engaging Students to Enrich Communities Through Service”)

- ◆ Engaged Campus of the Year – State University Sector (2008)
- ◆ Florida Campus Compact Founder’s Award (2009)
- ◆ Service-Learning Faculty Award (2010)
- ◆ Engaged Campus of the Year - State University Sector (2011)
- ◆ The Washington Center’s Higher Education Civic Engagement Award (2011)
- ◆ Engaged Scholarship Faculty Award (2013)
- ◆ Graham-Frey Civic Award (2013)
- ◆ Student Affairs Partnering with Academic Affairs (2014)

### Institutional Performance Metrics

- ◆ Increase of 67% of fall 2016 entering freshman taking 15+ credit hours over prior year’s cohort
- ◆ Led FLSUS Performance Based Funding efforts resulting in ‘in the money’ performance every year since inception
- ◆ Increased freshman to sophomore retention from 74.5% to 79.0% (over 6 years)
- ◆ #1 or 2 in the Florida State University System (FL SUS) in terms of percent of bachelor’s recipients employed in Florida within 1 year of graduation or continuing their education at the post-Baccalaureate level
- ◆ #1 or 2 in the FL SUS in terms of percent of masters recipients employed in Florida within 1 year of graduation
- ◆ #1 university in the FL SUS for percent increase in degrees awarded in STEM fields
- ◆ #1 institution in the Florida SUS in terms of percent of all course sections taught by regular FT faculty (79%) (with exception of New College of Florida)

### Institutional Recognitions

- ◆ National Educational Telecommunications Association (NETA) 2016 “Education and Community Engagement Collective Impact Achievement Award”
- ◆ Association for General and Liberal Studies (AGLS) Exemplary Program Award for the FGCU General Education Program (2016)
- ◆ Sustainable Florida Best Practice Award for “comprehensive efforts to promote and practice sustainability in operations and education” (2016)
- ◆ Governor’s (Rick Scott) Award for ‘Most Innovation’ institutional student cost containment plan (“Soar in 4) (freshman tuition rebate program for FTIC students who graduate in 4 years, are gainfully employed within Florida within 6 months of graduation at an annualized salary of greater than \$25K)
- ◆ Carnegie Foundation for Advancement of Teaching Community Engagement Classification Award (2015)
- ◆ Education To Careers 2014 national index defined as “the quality of students when they enter a given college, the total costs related to attending the college, and the outcomes of the students when they enter the labor market”. FGCU listed 3rd in the State University System of Florida (behind Univ. of Florida and Florida State University).
- ◆ SACS-COC 10 year reaffirmation (December 2015) (unprecedented level of high achievement: Zero (0) recommendations at time of site visit exit)
- ◆ Fasting Growing Public University in the US (source: Chronicle of Higher Education)
- ◆ All Steinway Institution (as of 2010), one of only approx. 170 institutions worldwide and one of only approx. 45 US public institutions



- ◆ Stars Gold Campus Award (2014 – Association for the Advancement of Sustainability in Higher Education (AASHE) Sustainability Tracking, Assessment & Rating System)
- ◆ Student scholar/athletes perennially with a GPA in excess of the non-athlete population (approximately + 0.3 GPA unit)
- ◆ First LEED Platinum higher education building in Florida
- ◆ Lutgert College of Business recognized as in top 300 Business Schools in the US by Princeton Reviews last 6 years

#### Current major projects and initiatives

- ◆ Implement 2015-2025 Campus Master Plan
- ◆ Implement 2016-2021 Strategic Plan
- ◆ Transform FGCU Honors Program into the FGCU Honors College
- ◆ Complete review of summer school funding model to enhance inventory of course offerings and revenue
- ◆ Finalize negotiations to develop a new national certification program for genomics technologists (with revenue stream)
- ◆ Finalize development and implement web-based, student and alumni career development and management program with interactive 24/7 facilitation of resume building, interview skill development, employment opportunities, and salary estimators
- ◆ Complete implementation of the FGCU ‘Soar in 4’ Tuition Scholarship Program
- ◆ Complete implementation of the FGCU ‘Soar Higher’ Tuition Scholarship Program
- ◆ Lead feasibility studies for the development of a dental school and pharmacy school
- ◆ Facilitate long term strategic aspirational goal of seeking FLSUS emergent pre-eminence status
- ◆ Improve institutional performance on Performance Based Funding metrics

### **Lebanon Valley College**

#### Faculty recruitment, evaluation, development, and career cycle issues

- ◆ Led successful development and implementation of a revised system of tenure and promotion review
- ◆ Enhanced recruitment strategies for new faculty
- ◆ Enhanced mentoring program for new faculty
- ◆ Began program of annual faculty participation at national professional meetings related to broader issues facing American higher education
- ◆ Facilitated professional development of all LVC faculty by campus-wide reading and discussion of Derek Bok’s book, Our Underachieving Colleges: A Candid Look at How Much Students Learn and Why They Should Be Learning More (2006)
- ◆ Increased alignment of faculty reward structures with expectations
- ◆ Instituted annual fall celebration event for newly promoted faculty
- ◆ Instituted annual fall celebration event for faculty and staff recipients of externally funded grants
- ◆ Expanded the definitions of ‘teaching’ and ‘scholarship’ for purposes of faculty evaluation and reward

#### Curriculum development, Assessment

- ◆ Facilitated establishment of a ‘culture of outcomes assessment’ based on implementation of a campus-wide academic assessment program

- ◆ Established General Education Review Taskforce and developed framework/timeline for the review process

#### Accreditation, licensure

- ◆ Facilitated establishment of timetable, organizational process, and self-study review for initial accreditation of business program through the Association of Collegiate Business Schools and Programs (ACBSP)
- ◆ Directed 5-year interim (Periodic Review) Report (PPR) for Middle States Commission on Higher Education (Middle States Assoc. of Colleges and Schools) with primary emphasis on enrollment management and outcomes assessment
- ◆ Directed curricular revisions to professional education curriculum as mandated for all PA institutions by the Pennsylvania Department of Education (ESL and Special Ed. focus)

#### Enhancing pedagogy, integration of technology

- ◆ Established the Center the Excellence in Teaching and Learning (CETL) as a means of supporting the scholarship of teaching
- ◆ Established the first mobile, ubiquitous IT environment at LVC

#### Leadership

- ◆ Established a campus-wide culture of ‘data driven decision making’
- ◆ Directed comprehensive review and revision of marketing program for Continuing Education
- ◆ Facilitated the development of a comprehensive, campus-wide faculty self-governance structure for professional education
- ◆ Facilitated Board of Trustee oversight of academic program, including leading Board review and discussion of Making the Grade: How Boards Can Ensure Academic Quality (Peter Ewell, 2006)

#### Funding Initiatives

- ◆ Member of administrative leadership team for the post capital campaign Program Enhancement Plan
- ◆ Primary author of successful \$500,000 grant proposal for instructional equipment from PA Dept. of Education (DOE)

#### Strategic Planning

- ◆ Facilitated an ‘ever-greening’ process for the LVC strategic plan
- ◆ Facilitated improved data management and communication plan for enrollment statistics for internal use and federal reporting requirements
- ◆ Facilitated comprehensive data mining project to review historic patterns of use of adjunct faculty to inform future decision making
- ◆ Redirected activities of the Academic Council (Chairs/Directors) to function as a strategic planning group
- ◆ Established a ‘Corporate Partner Room’ within a newly renovated building to support development of strategic relationships with the corporate sector

#### Brick and mortar, campus planning

- ◆ Led design and complete renovation of the Neidig-Garber Science Center with phasing plan required to maintain full support of the instructional and research programs of biology and chemistry during the renovation process
- ◆ Contributed to space reallocation of ground level of Lynch Hall (studio art, professional education)
- ◆ Contributed to development of campus master plan

#### Administrative Service

- ◆ Chair, President's senior staff (General Officers), conduct meetings
- ◆ Vice Presidential liaison to Board of Trustees Strategic Planning Committee
- ◆ Vice Presidential liaison to Board of Trustees Academic and Student Affairs Committee
- ◆ Vice Presidential liaison to Board of Trustees Facilities Committee
- ◆ Vice Presidential liaison to Board of Trustees Executive Committee
- ◆ Curriculum Committee
- ◆ Academic Evaluation and Policies Committee
- ◆ Institutional Research Committee
- ◆ Academic Progress Committee
- ◆ Financial Aid Review Committee
- ◆ Financial Aid Appeals Committee
- ◆ Space Utilization Committee
- ◆ Academic Council, Chair
- ◆ Suzanne H. Arnold Art Gallery Advisory Committee

### **University of Central Arkansas**

#### Faculty recruitment, evaluation, development, and career cycle issues

- ◆ Led implementation of departmentally-based faculty Post-Tenure Review (PTR) program
- ◆ Instituted recognition awards for faculty retirement and chair emeritus
- ◆ Facilitated implementation of faculty Phased Retirement Program
- ◆ Developed a Women Faculty Discussion Group on gender issues relating to employment
- ◆ Conducted analysis of compensation equity cases and implemented remediation plan
- ◆ Promoted enhanced recruitment efforts to produce a more diverse faculty - yielded a >100% increase in minority faculty (6% to 13%) and >50% increase in female faculty (20% to 31%) over a four year period.
- ◆ Expanded Faculty Mentoring Program at departmental and college levels to include regular meetings of all entering tenure track faculty with the dean to ensure clarity in expectations for tenure and advancement
- ◆ Developed dean/faculty discussion group program
- ◆ Expanded membership of PKAL/F21 to include additional disciplinary representation
- ◆ Expanded the definitions of 'teaching' and 'scholarship' for purposes of faculty evaluation and reward
- ◆ Increased alignment of faculty reward structures with expectations
- ◆ Developed successful cooperative program of faculty recruitment between departments of Computer Science (College of Natural Sciences and Mathematics) and Computer/Management Information Systems (College of Business)
- ◆ Developed successful cooperative program of faculty recruitment for science educators between College of Natural Sciences and Mathematics and College of Education

- ◆ As member of University-wide tenure and promotion body, reviewed over 4 years approximately 130 applications for tenure and promotion representing nearly every discipline found at UCA including all liberal arts departments and all professional schools (education, business, allied health)
- ◆ Implemented successful program to elevate faculty morale

#### Curriculum development

- ◆ Led Middle School Math and Science Teacher Preparation Curriculum revision effort (ending an existing 30 month deadlock)
- ◆ Expanded programs in applied mathematics and interdisciplinary study
- ◆ Coordinated establishment of a new master's degree program in Applied Computer Science
- ◆ Coordinated development and approval of new bachelor's degree program in Secondary Science Education with two tracks (life/earth sciences, physical/earth sciences)
- ◆ Coordinated development of 3+2 articulation program with University of Arkansas College of Engineering for six engineering degrees; student program completers will receive dual degrees from UCA (primary science discipline) and UA (engineering)
- ◆ Facilitated restructuring of secondary education programs in mathematics and science in accordance with new state licensure requirements
- ◆ Facilitated expansion of interdisciplinary Environmental Science Program to include over 25 student majors across three tracks
- ◆ Established MOU with Leopold Education Project to establish UCA as National partner organization to house Arkansas State program coordinator and all outreach education and training

#### Accreditation, licensure

- ◆ Provided leadership for successful NCATE accreditation of all math/science education programs
- ◆ Coordinated completion of 10-year reaccreditation by North Central Association (NCA)
- ◆ Facilitated successful initial licensure of Middle Level (grades 5-8) Mathematics/Science and Secondary Level Mathematics (grades 7-12) teaching programs by the National Council of Teachers of Mathematics (NCTM)
- ◆ Facilitated successful initial licensure of Secondary Level (grades 7-12) Science Education teaching programs with two tracks (Life Science/Earth Science and Physical Science/Earth Science) by the National Science Teachers Association (NSTA)

#### Enhancing pedagogy/technology

- ◆ Established College Technology Task Force to evaluate technology needs
- ◆ Established College Microteaching Demonstration Series
- ◆ Provided funds to transform 15 classrooms into technology enhanced ("smart") classrooms
- ◆ Co-Founder and director – University Teaching With Technology leadership team – model laptop computer program in residential colleges and general education core curriculum
- ◆ Co-Founder – University Faculty Technology Associates (faculty provided with laptop computer and extensive training in information technology enhanced pedagogy; now includes nearly 40% of all university faculty)
- ◆ Received special recognition award presented by UCA Faculty for "Outstanding Vision, Leadership, and Support of Teaching through the Development of Technology" (2002)

### Leadership

- ◆ Led university efforts to transform UCA into a laptop campus (ubiquitous computing environment)
- ◆ Led development of Third Party Neutral Host (TPNH) deployment (first on any college/university campus in the US)
- ◆ Facilitated comprehensive overhaul of all college departmental strategic planning documents
- ◆ Contributed to revision of Scientific Misconduct Guidelines and Procedures
- ◆ Contributed to development of an improved governance structure for all academic constituents to professional education programs (Professional Education Unit and Professional Education Council)
- ◆ Determined need for and assisted in development of a university-wide biosafety policy
- ◆ Expanded Arkansas Center for Mathematics Education to include the sciences as the renamed Arkansas Center for Mathematics and Science Education

### Funding Initiatives

- ◆ Developed successful large capital equipment acquisition program resulting in three successful grant proposals to the National Science Foundation (NSF) for large equipment in three years (all funded on first submission; total award over \$500,000)
- ◆ Established and facilitated achieving goal of first \$1,000,000 of extramural grant support for teaching and scholarship within the College in a single academic year (2000-2001)
- ◆ Facilitated increased number and percent successful extramural proposals resulting in a >400% increase in total grant support as compared to prior three-year period
- ◆ Facilitated endowment project in support of a college Technology Institute (~\$100,000)
- ◆ Developed and implemented faculty incentive plan for development of extramural grant proposals
- ◆ Restructured grant proposal internal review/approval process to increase efficiency and effectiveness
- ◆ Developed first federal congressional appropriation request at UCA
- ◆ Facilitated first ever award from Toyota USA Foundation to an academic institution in Arkansas
- ◆ Led endowment development plan for new Math/CS Technology Building
- ◆ Developed successful plan for corporate sponsorships of the academic program both in the College and campus-wide

### Strategic planning and Assessment

- ◆ Facilitated reform of annual College Report from largely descriptive to be primarily an assessment and 5-year rolling planning document
- ◆ Facilitated strategic planning process at the departmental level
- ◆ Revised MFAT testing procedures to expand student participation
- ◆ Established new position of math/science education coordinator to provide continuous assessment of all math/science education programs with the college
- ◆ Conducted analysis of cost of regularized technology refreshment cycles

### Corporate Partnerships

- ◆ Led development of strategic relationship with Acxiom Corporation
- ◆ Led development of strategic relationship with IBM including serving as UCA coordinator for the UCA-IBM strategic partnership and innovative business plan
- ◆ Developed marketing rights revenue sharing plan with Daktronics Corporation
- ◆ Led development of strategic relationship with Conway Development Corporation

#### Brick and mortar, campus planning

- ◆ Led and directly contributed to Math/Computer Science/ Technology (MCST) building design process resulting in full wireless supported information technology enhanced building and recognized by several third party organizations as one of the most efficient, esthetically pleasing and cost effective IT-intensive academic buildings in the nation
- ◆ Designed 'Technology Plaza', a wireless internet, open-air classroom with digital flat screen 'chalk board' (first, full IT wireless and digitally supported outdoor classroom in the US) (recognized as innovation leader by University Business magazine, 2004)
- ◆ Facilitated green-space preservation for teaching/research development plan
- ◆ Led preliminary stage of development plan for Phase III renovation of Lewis Science Center

#### Students

- ◆ Established student interdisciplinary research award competition
- ◆ Established service learning project linking UCA undergraduate science majors as mentors for public elementary and middle school students undertaking science fair projects
- ◆ Established regular meetings with student disciplinary clubs to provide access to college administration

#### Administrative Service

- ◆ Council of Deans, member
- ◆ Council of Chairs, College of Natural Science and Mathematics, chair
- ◆ University Council, member
- ◆ Web Advisory Committee, representative of the Council of Deans
- ◆ Technology in Teaching Leadership Team, co-director
- ◆ Financial Aid Grievance Committee (*ad hoc*), member
- ◆ Middle School Math and Science Teacher Preparation Curriculum Development Committee (*ad hoc*), Chair
- ◆ New Mathematics/Computer Science (Technology) building design team, leader
- ◆ South Western Bell instructional technology grant development leadership team, member
- ◆ UCA/corporate partnerships for information technology development program, strategic planning sub-committee, member
- ◆ Secondary mathematics and secondary science education degree program revision taskforce, coordinator
- ◆ Residential Colleges Technology Faculty Associates, member
- ◆ Academic Coordinator, campus hazardous waste management development plan
- ◆ Professional Education Council (PEC), member
- ◆ Professional Education Unit (PEU), member
- ◆ Computer Science/Management Information Systems (CS/MIS) Corporate Partnerships Executive Committee, founding member

- ◆ Outstanding Alumni Selection Committee, member
- ◆ University College Task Force, member
- ◆ Arkansas Department of Economic Development Knowledge Based Industries Task Force, member
- ◆ University Budget Advisory Committee, Deans' representative
- ◆ Council of Deans' representative to the Faculty Senate Technology Strategic Planning Committee

## **Wesleyan College**

### Faculty recruitment, evaluation, development, and career cycle issues

- ◆ Led revamping of faculty candidate interview process to focus on both teaching and research
- ◆ Raised standards for faculty involvement in scholarship as part of tenure and promotion system
- ◆ Developed funding for faculty start-up packages to support teaching and research needs

### Curriculum development

- ◆ Designed and implemented completely new 'discovery-based' curriculum in the natural sciences
- ◆ Contributed to campus-wide leadership and implementation of a novel general education core curriculum based on cognitive skill areas distributed across the disciplines as compared to a traditional discipline distribution core program.
- ◆ Developed and implemented (as part of administrative team) Wesleyan Senior Experience Capstone program
- ◆ Coordinated Association of American Colleges and Universities (AAC&U), Partnerships for Health and Higher Education (PHHE) grant to Wesleyan College for "Integration of the study of Human Immunodeficiency Virus (HIV) and public health issues into the general curriculum and co-curriculum of the College".

### Accreditation, licensure

- ◆ Provided leadership for development of masters degree program in middle school science and mathematics education including successful initial accreditation by the Southern Association of Colleges and Schools (SACS) and the Georgia Professional Standards Commission (PSC)
- ◆ Provided disciplinary leadership for highly successful SACS 10-year reaccreditation process

### Enhancing pedagogy/technology

- ◆ Facilitated incorporation of information technology into the instructional program
- ◆ Obtained funding to support purchase and integration of technology

### Leadership

- ◆ Successfully redesigned the complete program in biology with emphasis on novel 'discovery-based' curriculum, faculty recruitment, extramural support of teaching and research (MFAT scores in biology went from 11% to 84% nationally in five years)
- ◆ Led revision of the program in the Division of Natural Sciences and Mathematics with emphasis on undergraduate involvement in research as part of the curriculum

### Funding Initiatives

- ◆ Established highly successful program in extra-mural funding in support of faculty development, instructional technology, and student research participation including first successful NSF grant in the history of the institution (total of five major federal grant awards in less than five years)
- ◆ Leadership role in developing over \$3,000,000 in endowment support for the programs in science and mathematics
- ◆ As grants officer/coordinator, contributed to numerous, successful, extramural grant proposals by other faculty

### Assessment

- ◆ Established database for tracking applications, matriculations, and graduation rates with the natural sciences and mathematics programs
- ◆ Utilized MFAT scores to evaluate curricular structures and effectiveness

### Brick and mortar, campus planning

- ◆ Led new science facility development plan (including concept design for new building and substantial portions of floor plan/facilities development)
- ◆ Led major renovation of existing science facility to create research laboratory space for faculty and undergraduate students

### Administrative Service

- ◆ Academic Council, member
- ◆ Grant Coordinator - Division of Natural Sciences and Mathematics
- ◆ Project Director. National Science Foundation - Instrumentation and Laboratory Improvement - Instrumentation Grant
- ◆ Graduate Faculty Council, founding member
- ◆ Master of Arts in middle school math and school science education program ad hoc development committee, member
- ◆ Graduate Council, Master of Arts - Middle School Science and Mathematics education
- ◆ Senior Capstone Expanded Campus Experience Planning Committee, member
- ◆ National Student Exchange (NSE) program standards and implementation planning committee member
- ◆ Chair, Ad hoc faculty planning committee for new science facility
- ◆ Faculty search committees, chair: animal physiologist; molecular geneticist; plant ecologist; physicist; computer scientist; biology/chemistry laboratory coordinator
- ◆ Steering Committee on AIDS/HIV in the Curriculum, co-director
- ◆ Faculty search committee, member: art history; foreign language; history; philosophy/religion; social psychology; computer science; voice instruction; physicist; director of the library; anthropologist; modern foreign language
- ◆ Administrative search committee, member - Director of Information Technology Services
- ◆ Search committee - Dean of the College, Elected representative from Division of Natural Sciences and Mathematics,
- ◆ Faculty mentor: Director of the Graduate Program in Science/Math Education; Comer Professor of Art
- ◆ Faculty coordinator - campus-wide hazardous waste management program
- ◆ Faculty director - Munroe Student Scholars Program
- ◆ Faculty Coordinator - Munroe Endowment for Instructional Improvement
- ◆ Faculty coordinator - Science building security needs assessment task force
- ◆ Designer - Standardized college-wide departmental fact sheets for admissions program



- ◆ Faculty Interviewer - Student scholarship awards annual competition
- ◆ Institutional Animal Care and Use Committee (IACUC)
- ◆ Human Subject Committee
- ◆ Retention Committee
- ◆ Library Committee
- ◆ National Institutes of Health Advisory Committee
- ◆ Beta Beta Beta - National Biological Recognition Society - Faculty Advisor
- ◆ Performance and Exhibition Committee
- ◆ Premedical Advisory Committee, Member, Chair
- ◆ Scientific Misconduct Advisory Board
- ◆ Planning Committee - MA program in early childhood education

## **University of the South (Sewanee)**

### Curriculum

- ◆ Contributed to campus leadership of complete revision of faculty workload, curriculum, graduation requirements and academic calendar in order to provide faculty with more opportunities to engage students in discovery-based learning
- ◆ Co-developer of Sewanee Summer Science Center, an outreach program to improve the instruction of science and mathematics in elementary and middle schools

### Brick and mortar, campus planning

- ◆ Led biology department space reallocation development plan
- ◆ Led biology department chemical stockroom reorganization plan
- ◆ Led science building space reorganization plan

### Curriculum

- ◆ Developed highly successful student research program in biology
- ◆ Co-developer of Island Ecology Program, an interdisciplinary field-based coastal environmental study curriculum

### Funding Initiatives

- ◆ Produced first successful major research grant from the National Science Foundation
- ◆ Led negotiations with major federal funding agencies to establish overhead rate for grant awards
- ◆ Provided leadership for successful grant proposals to the Howard Hughes Medical Institute and Kresge Foundation totaling over \$2,000,000 for curriculum development and large equipment support

### Administrative Service

- ◆ Project Director - Proposal development - Howard Hughes Medical Institute Undergraduate Biological Sciences Education Program.
- ◆ Howard Hughes Medical Institute Undergraduate Biological Sciences Education Program Grant Administrative Steering Committee (award - \$500,000).
- ◆ First-year biology program, Faculty coordinator
- ◆ Project Coordinator - Electron Microscopy Laboratory Development Project
- ◆ Co-author "An Examination and Review of Faculty and Professional Staff Compensation" (internal report submitted to Provost)
- ◆ "University Academic Calendar Revision Proposal", Co-author
- ◆ Junior Seminar Series In Biology, Faculty Coordinator
- ◆ Project Coordinator and Author - Space Reallocation Plan, Biology Department, Woods Laboratories

- ◆ Project Coordinator - Biology Department centralized chemical stockroom plan
- ◆ Program Co-founder - St. Catherine's (Georgia) Island Ecology Program
- ◆ Budget Priorities Committee, member
- ◆ Degrees Committee, member
- ◆ Faculty Research Grants Committee, member
- ◆ Woods Laboratories Technical Support Advisory Committee, member
- ◆ Natural Sciences Subcommittee to the University Lectures Committee, member
- ◆ Asbestos Removal Advisory Committee, member
- ◆ Compensation Review Committee (*ad hoc*), member
- ◆ Summer Science Center Coordinating Committee, founding member
- ◆ Faculty Liaison, Keck Foundation site visit team

### **Other Professional Service**

#### **Board Memberships** (at FGCU)

- ◆ Clinical and Translational Genome Research Institute (CTGRI) (2014 – present)
- ◆ Bonita Area Chamber of Commerce (2015 – present)
- ◆ Southwest Florida Economic Development Alliance (SWFLEDA) (2012-present)
- ◆ Sanibel Island Big Arts Center (2014-2016)
- ◆ Canterbury School (Private K-12) (Fort Myers, FL) (2014-present)
- ◆ Bailey Matthews Shell Museum (Sanibel, FL) (2009-2014)
- ◆ Life Sciences South Florida (LSSF) (2011-present)
- ◆ Workforce Now (Southwest Florida) (2011-2015)
- ◆ Center for Environmental and Sustainability Education (2010 – present)

#### **Consultancies/Board Memberships** (prior to FGCU)

- ◆ “Hands-on” science instruction. Springdale Elementary School, Macon, GA
- ◆ Macon Museum of Arts and Sciences. National Science Foundation proposal development
- ◆ Education Advisory Committee, Macon Museum of Arts and Sciences
- ◆ CSI (non-profit) (Macon, GA) - Executive Officer, Board Member
- ◆ MTT (non-profit) (Macon, GA) - Co-Treasurer, Financial Committee
- ◆ Springdale School (Macon, GA) Multicultural Awareness Taskforce
- ◆ Arkansas Department of Economic Development Taskforce on Knowledge-Based Industry Workforce Development
- ◆ Executive Advisory Board, DyKnow (Indianapolis, Indiana)

#### **National Science Foundation (NSF)**

Partnerships for Innovation Program (PIP), reviewer and invited panel member  
(2000, 2001)

#### **American Malacological Society**

Executive Officer (8 years)  
Executive Council  
Publications Committee Member, Chair (8 years)  
Resolution Committee, Chair  
Editorial Board (15 years)  
Student Paper Competition Award Committee  
Student Research Grants Committee  
Managing Editor (7 years) - *American Malacological Bulletin*

Editor-in-Chief (8 years) - *American Malacological Bulletin*

### **Southern Association of Colleges and Schools (SACS)**

Visiting Accreditation On-site Review Committee Member

### **Corporate Executive Position Held**

Chief Executive Officer - Disaster Rebuilding Solutions, LLC

R&D related to developing new IP in engineering technology directed toward rapid, extremely low cost disaster responses for refugee relief

### **Teaching**

- ◆ FGCU. “Exploration and Exploitation of the Oceans” (Honors Program Seminar Course); “Expanding Research Experiences for Undergraduate Students” (Honors Program Seminar Course) (one course per year, 2010 to present)
- ◆ UCA. Scientific Illustration – Studio art class on rendering of objects of natural history (ink, carbon wash). Discussion group leader – First-year student Summer Reading Program
- ◆ Sewanee and Wesleyan. Lecture, laboratory, and field-based courses on general biology, developmental biology, ecology, marine sciences, and related topics ranging from introductory courses to science and non-science majors to upper level
- ◆ Wesleyan. Interdisciplinary Junior Seminar (team taught with member of English faculty) on “Medicine in Literature”, an examination of five American ethnic holistic (homeopathic) health practices as evidenced by literary works (fiction, non-fiction)
- ◆ Mentor to over 65 undergraduate students conducting independent research projects in fields related to teaching and research expertise

### **Professional and administrative development** (since 2000)

- ◆ Sayfie Review Florida Leaders Summit (invited guest), Orlando Florida 2016 (Nov)
- ◆ Society for College and University Planning (SCUP) - 2016 Regional Meeting, Charlotte, NC (Oct.)
- ◆ Sayfie Review Florida Leaders Summit (invited guest), Orlando Florida 2015
- ◆ AAC&U - 2015 Annual Meeting, Washington, DC
- ◆ Sayfie Review Florida Leaders Summit (invited guest), Orlando Florida 2014
- ◆ AAC&U - 2014 Annual Meeting, Washington, DC
- ◆ AAC&U - 2012 Annual Meeting, Washington, DC
- ◆ AAC&U - 2011 Annual Meeting, San Francisco, CA
- ◆ AAC&U - 2010 Annual Meeting, Washington, DC
- ◆ AASCU - 2009 Academic Affairs Meeting, Boston, MA
- ◆ AAC&U - 2008 Annual Meeting, Washington, DC
- ◆ AAC&U - 2007 Annual Meeting, New Orleans, LA
- ◆ AAC&U - 2006 Annual Meeting, Washington, DC
- ◆ EDUCAUSE – 2005 National Conference, Orlando, FL
- ◆ EDUCAUSE – 2004 National Conference, Denver, CO
- ◆ Wi-Fi Planet – 2004 Annual Conference, Baltimore, MD
- ◆ EDUCAUSE – 2003 Mid Atlantic Regional Conference, Baltimore MD
- ◆ Council of Colleges of Arts and Sciences (CCAS) 2002 Annual Meeting, San Fran., CA
- ◆ ThinkPad University Fly-in. Northern Michigan University (2002)

- ◆ Southern Regional Learning Communities Conference, “Transforming Education for a New South”. (UCA, 2002)
- ◆ National Conference of Academic Deans (NCAD), 56<sup>th</sup> Annual Meeting (2002)
- ◆ American Association of Colleges for Teacher Education (AACTE)/Council of Colleges of Arts and Sciences (CCAS) 4<sup>th</sup> Annual seminar/workshop on Collaboration in Teacher Preparation – “Partnerships between Colleges of Education and Colleges of Arts and Sciences that Work!” (Tucson, 2002)
- ◆ AAC&U - 2002 Annual Meeting, Washington, DC
- ◆ “The Future of Personal Computing”, IBM Executive Briefing Conference (Irving, TX, 2002)
- ◆ AAC&U - 2001 Annual Meeting, New Orleans, LA
- ◆ 2001 Computers on Campus National Conference, Univ. of South Carolina, Myrtle Beach, SC
- ◆ Conference on Academic Excellence: A Study of the Role of Research in the Natural Sciences at Undergraduate Institutions. Invited participant. Sponsored by Research Corporation. 2001, Fermilab, Chicago, IL
- ◆ Arkansas Deans’ Association, annual meetings (2000, 2001, 2002)
- ◆ Council of Colleges of Arts and Sciences (CCAS) 2001 Annual Meeting, Wash., DC
- ◆ Association of Teacher Educators (ATE) 2002 National Meeting, Denver, CO
- ◆ EDUCAUSE 2001 Mid Atlantic Regional Conference, Baltimore, MD
- ◆ Association of Colleges and University Offices (ACUO) Fund for the Improvement of Post-Secondary Education (FIPSE) “Workshop on revised Comprehensive Program and International Programs”, Washington, D.C., October, 2001
- ◆ National Conference of Academic Deans (NCAD), 55<sup>th</sup> Annual Meeting, “Renewing the Deanship: Clarifying Values, Strengthening Outcomes”. UCA, July, 2001
- ◆ 2<sup>nd</sup> World Congress of Malacology, 2001, Vienna, Austria
- ◆ AACTE/CCAS 2<sup>nd</sup> Annual seminar/workshop on Collaboration in Teacher Preparation – “Partnerships between Colleges of Education and Colleges of Arts and Sciences” (San Antonio, TX 2000)
- ◆ CCAS 2000 Eastern Regional Annual Deans Conference Williamsburg, VA
- ◆ AAC&U - 2000 Annual Meeting, Washington, D.C.
- ◆ Specialized consulting workshop for UCA - Developing a Ubiquitous Computing Environment at a Public Institution. Wake Forest University (2000).
- ◆ Numerous workshops on: multiculturalism, the use of microteaching, designing rubrics, legal issues in academe, integration of technology into teaching and learning, human subjects in research, academic learning communities, recruiting minority faculty, immigrations considerations in faculty hiring, faculty retirement demographics.

### **Professional presentations related to administrative activities**

- ◆ “Creating Programs for Economic Development of Emergent Technologies and Professions, Society for College and University Planning (SCUP) 2016 Southern Regional Conference, Charlotte, NC (October, 2016) (with Robert Thomas and John Woolschlager).
- ◆ “Transforming the Collective Bargaining Process at Florida Gulf Coast University”. National Center for the Study of Collective Bargaining in Higher Education and the Professions 43<sup>rd</sup> Annual National Conference, New York, NY (April, 2016) (with J. Baker, T. Barringer, E. Elliott, D. Steckler).

- ◆ “Uncovering Higher Education’s Dirty Little Secret through an Energized New Faculty Development Model”. The 2015 Southern Association of Colleges and Schools Commission on Colleges Annual Meeting, Houston, TX (December, 2015) (with S. Girmurugan and L. Serro).
- ◆ “Exposing Higher Education’s ‘Dirty Little Secret’: Reinventing Our Approach”. Professional and Organizational Development (POD) 2015 Annual Meeting, San Francisco, CA (November, 2015) (with Dr. Linda Serro).
- ◆ “Higher Education’s “Dirty Little Secret” and Doing Something About It”. AAC&U Annual Meeting, Washington, DC (January, 2015) (with Dr. Linda Serro). (18% acceptance rate)
- ◆ “Leveraging Technology Infrastructures Through Implementation of New Wireless and Other Business Models”. EDUCAUSE Annual Meeting, Orlando (October, 2005) (with M. J. Sisto). (17% acceptance rate)
- ◆ “Transforming a University: Implementing a Strategic Vision through Enhanced Campus Communications”. Invited plenary presentation at IBM Emerging Business Solutions financial analyst meeting, Boston (October, 2004)
- ◆ “Enhancing Campus Communications – Perspectives on Implementing a Strategic IT Vision to Improve Academic Achievement”. Invited opening keynote address at Wi-Fi Planet, Baltimore, MD, June, 2004) (with J. Keegan, VP, Global Pervasive/Wireless e-Business, IBM)
- ◆ “Establishing a State-of-the-Art College Computing Environment”. Mid-South College Computing Conference, April, 2004. (with S. Addison, Q. Duan, C. Hambuchen, and C. Hu)
- ◆ “Treasures of Communication – The Recovery of the 19th Century shipwreck of the S. S. Central America”. Invited keynote address to the Arkansas Speech Communication Association (October, 2003)
- ◆ “Pedagogy Pushing Brick and Mortar – the Process and Product of Designing a High-Tech Academic Building to Support the Use of IT to Enhance Teaching and Learning”. EDUCAUSE Southwest Regional Conference (Dallas, March, 2003).
- ◆ “Development of a Ubiquitous Computing Environment at a Mid-sized Public University – Year Three: a Progress Report” (with S. A. Roden). EDUCAUSE Mid Atlantic Regional Conference, Baltimore Maryland (January, 2003).
- ◆ “Changing A&S Colleges: Teaching and Research in the Balance.” Invited participant/panelist (with three other panelists). 2002 Annual Meeting of the Council of Colleges of Arts and Sciences (CCAS) (San Francisco, November, 2002).
- ◆ “A Governance Structure Among the College of Education, Colleges of Arts and Sciences, and Practicing Professionals to Ensure the Preparation of Effective Teachers” (with J. McHaney and D. Barnes). Association of Teacher Educators (ATE) national meeting, Denver, Feb. 2002.
- ◆ “Teaching with Technology: Perspectives on Ubiquitous Computing – Past, Present, and Future.” Invited Luncheon Keynote Speaker. National Conference of Academic Deans (NCAD), 56<sup>th</sup> Annual Meeting. (July, 2002).

- ◆ “Ubiquitous Computing – What We as Academicians Need to Know”. Presentation to the UCA Faculty Associates Training Workshop (UCA, July, 2002).
- ◆ “What We Did When We Got back to Campus – The Process of Developing A Functional Governance Structure” (with Dr. Jane McHaney). Plenary presentation for the American Association of Colleges for Teacher Education (AACTE)/Council of Colleges of Arts and Sciences (CCAS) 4<sup>th</sup> Annual seminar/workshop on Collaboration in Teacher Preparation – “Partnerships between Colleges of Education and Colleges of Arts and Sciences that Work!” (Tucson, Sept., 2002).
- ◆ “A First Year Experience: Ubiquitous Computing at a Mid-Sized State Supported University” (with Sally A. Roden). 4<sup>th</sup> Annual National Conference and Workshop on Ubiquitous Computing (Seton Hall Univ., NJ. Jan., 2001).
- ◆ “Development of a Ubiquitous Computing Environment at a Mid-sized Public University” (with S. A. Roden). 2001 Computers on Campus National Conference (Univ. of South Carolina, Nov., 2001).
- ◆ “Development of a Ubiquitous Computing Environment at a Mid-sized Public University – Year Two: Extending the Promise” (with S. A. Roden). EDUCAUSE Mid Atlantic Regional Conference (Baltimore, MD, Dec., 2001).
- ◆ “Best Practices Across the Curriculum at Wesleyan College”. Invited Speaker – 2nd National conference and workshop on Ubiquitous Computing, Wake Forest University (Winston-Salem, NC. Jan., 1999).
- ◆ “Maximizing Student Involvement in the Educational Process: Innovation and Integration in General Education Curricular Design, Implementation, and Assessment” (team presenter and panel moderator). 55<sup>th</sup> Annual Meeting of the AAC&U – Liberal Education – Confronting Questions of Quality. (San Francisco, 1999).
- ◆ “The Experience in the Sciences at Wesleyan College”. Invited Speaker - Plenary Session. 1st Annual National Conference and Workshop on Ubiquitous Computing, Wake Forest University (Winston-Salem, NC. Jan., 1998).

### **Funded Grants** (Career success rate of about 70%)

- ◆ Student entrepreneur development (FGCU Runway Program). \$250,000. Florida Department of Economic Opportunity (partner with Naples Accelerator, total grant \$2,000,000) 2016.
- ◆ “Development of a Strategic Plan for Florida Gulf Coast University’s Vester Marine and Environmental Sciences Research Field Station” (A. Volety). \$24,070. National Science Foundation. 2009.
- ◆ “Acquisition of Science Teaching Equipment”. \$500,000. PA Dept. of Education, Higher Education Assistance Program. 2006.
- ◆ “Arkansas IDeA Network of Biomedical Research Excellence (INBRE) Biomedical Research Infrastructure Network (BRIN)” (statewide consortium proposal). \$16,700,000. National Institutes of Health (NIH). 2005.
- ◆ “Implementation of a network management system at UCA”. \$122,000 in-kind. PAETEC Communications. 2004.

- ◆ “Implementing a real time dynamic IT enhanced learning environment in physics and mathematics through the use of DyKnowVision. \$28,000 (in-kind). Dynamic Knowledge Transfer (DyKnow). 2004.
- ◆ A Multi-Level Education Program for Scanning Electron Microscopy – Public outreach to grades 6 - 12 “ (with P. Hamilton) \$86,000. Toyota USA Foundation. 2003.
- ◆ “Developing an innovative, strategic business model for a converged voice/data neutral network” – IBM Corporation. \$175,000.
- ◆ Establishing a Cluster Computing Environment (with C. Hu) - Sun Microsystems Corp. (\$15,682). 2003.
- ◆ Building Faculty Expertise in Microbial genetics at the University of Central Arkansas. (with Dr. P. Hamilton). \$200,000. National Institutes of Health, Biomedical Research Infrastructure Network (BRIN) (via AR BRIN). 2002.
- ◆ Academic Computer Hardware Matching Grant Award – Sun Microsystems Corp. (\$15,585). 2002.
- ◆ “Recruitment and Retention of Quality Faculty in Computer Science”. \$100,000, Acxiom Corporation. 2002.
- ◆ “Recirculating Seawater System for Maintenance of Cephalopod Molluscs”. (with Dr. Heather Bennett) \$7,000. Univ. of South Carolina, Office of Research Support. 2002.
- ◆ “Recruitment and Retention of Quality faculty in Computer Science”. \$300,000, Conway Development Corporation (Alltel, Acxiom). 2001.
- ◆ Establishing a Scanning Electron Microscopy Facility. National Science Foundation. \$193,000 (70/30 match with UCA). (multiple PI’s) 2000.
- ◆ "Modernizing the Physics Program in an Undergraduate Women's College". National Science Foundation - Instrumentation and Laboratory Improvement. \$52,000 (50/50 match with Wesleyan College). (Co-PI). 1998.
- ◆ "Incorporating Modern Molecular/Cellular Technology into the Biology Curriculum in an Undergraduate Women's College". National Science Foundation - Instrumentation and Laboratory Improvement. (Co-PI). \$54,100 (50/50 match with Wesleyan College). 1997.
- ◆ "Epifouling communities of St. Catherine's Island". (with Drs. R. S. Prezant and H. B. Rollins). Noble Foundation (American Museum of Natural History). \$7000. 1997.
- ◆ “Tracking of adult clam dispersal using submersible pulse technology metal detectors”. Cooperative venture with Fisher Research Laboratory, Los Banos, California. Gift of equipment. 1996.
- ◆ "Ecological assessment of benthic macroinvertebrates associated with deep-sea wreck sites". Columbus-America Discovery Group. (Ship/ROV-time, travel, research and publication support) (1989-present)
- ◆ "Introduction of enhanced technologies for the experimentally-based laboratory study of animal systems". National Science Foundation - Instrumentation and Laboratory Improvement. \$79,778 (50/50 match with Wesleyan College). 1994-1996.

- ◆ "Affects of retinoids (retinoic acid) on the development of regenerating octopod arms". Howard Hughes Medical Institute (Univ. of the South Institutional Award). \$5000. 1993.
- ◆ "Dynamics of hard clam dispersal and recruitment on St. Catherine's Island" (with Drs. R. S. Prezant and H. B. Rollins). Noble Foundation (American Museum of Natural History). \$5000. 1992-1993.
- ◆ Undergraduate Biological Sciences Education Initiative Grant. Howard Hughes Medical Institute. \$500,000. (co-author). 1992.
- ◆ The Biodiversity of the Georgia Bight: Intertidal invertebrates. (with Drs. R. S. Prezant and H. B. Rollins). Noble Foundation (American Museum of Natural History). \$5900. 1992-1993.
- ◆ Material analysis laboratory. Kresge Foundation. (\$1,800,000). (Concept designer and co-author.) Instrumentation grant includes scanning electron microscope with EDX analysis, superconducting NMR, GC mass spectrophotometer, FT IR spectrophotometer, X-ray diffractometer. 1992.
- ◆ Closed system maintenance of living octopods and nautiloids for studies on anomalous arm regeneration. Faculty Research Grant, The University of the South. \$1900. 1992.
- ◆ Curriculum Development Grant, The University of the South. Revision of introductory biology courses. \$2000. 1991.
- ◆ "Systematic revision of the Antarctic Pareledoninae". Short Term Visitors Grant, Smithsonian Institution, Museum of Natural History. \$1224. 1991.
- ◆ Faculty Development Grant, The University of the South. Support for participation at invited international workshop/symposium (Banyuls-sur-mer, France). \$2,275. 1991.
- ◆ Proposal Development Grant. Faculty Development Fund, The University of the South. \$7900. 1990.
- ◆ "Systematics of the Octopodinae of Central America". Summer Research Grant. The University of the South. \$2000. 1990.
- ◆ "Dynamics of hard clam dispersal and recruitment on St. Catherine's Island" (with Drs. R. S. Prezant and H. B. Rollins). Noble Foundation (American Museum of Natural History). \$5180. 1989-1990.
- ◆ "Character Evaluation and Generic Revision of the Subfamily Octopodinae (Cephalopoda: Octopoda)." National Science Foundation, \$45,260 (BSR 8508439). 1985-1989.
- ◆ Photomicroscopy equipment grant. Conduff Fund, The University of the South. \$3400. 1988.
- ◆ "Population Dynamics and Recruitment of the Hard Clam, Mercenaria mercenaria at St. Catherine's Island, Georgia." (Preliminary assessment.) Noble Foundation (American Museum of Natural History). \$700. 1988.
- ◆ Coastal Oceanography Equipment Grant. General Oceanics, Florida \$1800 (equipment gift-in-kind). 1987.



- ◆ Institutional recipient of Carl Gugler Invertebrate Zoology Reprint Library. Bequest by University of Nebraska, Lincoln (appraised value \$10,000). 1985.
- ◆ “Inland Culture of Octopus with the use of fresh water food items.” Mellon Grant to The University of the South. \$800. 1984.
- ◆ National Research Council, Research Associateship at the National Marine Fisheries Service, Northwest and Alaska Fisheries Center, Seattle, Washington \$18,500 (declined to accept tenure-track position). 1983.
- ◆ Jessup–McHenry Scholarship Grant. The Academy of Natural Sciences of Philadelphia. \$450. 1981.
- ◆ National Science Foundation Doctoral Dissertation Improvement Grant (DEB 8012544). \$4,116. 1980.
- ◆ Lerner Fund for Marine Research, Grant in support of doctoral dissertation research. American Museum of Natural History (5–19–80; 103045), \$450. 1980.

**Major Gift Development** (concept development and/or operational assistance)

- ◆ David and Linda Lucas Center for Faculty Development (\$2,000,000 gift to endowment, FGCU)
- ◆ Backe Chair for Renewable Energy (Endowed Chair - Eminent Scholar) (\$1,000,000, FGCU)
- ◆ Backe-Galvano land donation to build Emergent Technologies Institute building (\$1,250,000, FGCU)
- ◆ Establish a young children’s institute (\$31,000 private donation and \$500,000 deferred gift pledge, FGCU)
- ◆ Private donation to endow the Museum Studies program (\$50,000, FGCU)
- ◆ Private donation to establish the Cortese-St. Angelo Veterans’ Room and support relevant programming (\$25,000, FGCU)
- ◆ Burgess Technology Institute (\$100,000, UCA)
- ◆ Neal Buffalo Science Education Laboratory – Naming endowment gift, \$28,000 (UCA)
- ◆ Restricted gift to endowment in support of the instructional and research program in the sciences including student scholarships, equipment, building renovation, etc., (\$3,000,000, Wesleyan College) (full concept development and ask)

**Government Appropriations** (assistance with development and lobbying)

- ◆ \$11.9 million special appropriation (over 3 years) from Florida State Legislature for new building to house the FGCU Emergent Technologies Institute (ETI) (FGCU)
- ◆ Over \$10 million in additional base funding from multiple special legislative appropriations from the Florida State Legislature for various initiatives in support of student success (FGCU)
- ◆ \$600,000 US Federal special appropriation for enhanced technology infrastructure (UCA)

### **Selected media interviews/appearances related to professional activities**

- ◆ MacNeil/Lehrer News Hour - feature on research associated with the *S. S. Central America* project
- ◆ Good Morning America - feature on research related to octopus mariculture at a land-locked laboratory (Sewanee)
- ◆ The Discovery Channel - feature documentary including research associated with the *S. S. Central America* project
- ◆ The History Channel - feature documentary including research associated with the *S. S. Central America* project
- ◆ ABC News Website (ABCNEWS.COM) - “Migrating *Mercenaria*” (related to novel technology to track movements of adult commercial clams)
- ◆ South Carolina Educational TV - nation-wide distribution – live interview on research associated with the *S. S. Central America* project
- ◆ Numerous local/regional TV news shows
- ◆ Numerous newspaper articles including four front page features in regional papers on research program and IT development related to higher education

### **Scholarly Publications (peer review journals)**

- ◆ Toll, R. B. 1980. The gladius of the squids, an unusual molluscan shell. *Bulletin of the American Malacological Union for 1979* : 8–10.
- ◆ Toll, R. B. 1981. *Benthoctopus oregonae*, a new species of octopod (Mollusca; Cephalopoda) from the southern Caribbean with a redescription of *Benthoctopus januarii* (Hoyle, 1885). *Bulletin of Marine Science* 31(1):83–95.
- ◆ Toll, R. B. and Steven C. Hess. 1981. A small, mature male *Architeuthis* (Cephalopoda: Oegopsida) with remarks on maturation in the family. *Proceedings of the Biological Society of Washington* 94(3):753–760.
- ◆ Hess, S. C. and Toll, R. B. 1982. Methodology for diagnosis of cephalopod remains from stomach contents with reference to the broadbill swordfish, *Xiphias gladius*. *Journal of Shellfishery Research* 1(2):161–170.
- ◆ Toll, R. B. and S. C. Hess. 1982. Cephalopods as prey of the broadbill swordfish, *Xiphias gladius*, from the Straits of Florida. *Fishery Bulletin* 79(4):765–744.
- ◆ Toll, R. B. 1983. The lycoteuthid genus *Oregoniateuthis* Voss, 1956, a synonym of *Lycoteuthis* Pfeffer, 1900 (Cephalopoda: Teuthoidea). *Proceedings of the Biological Society of Washington* 96(3):365–369.
- ◆ Toll, R. B. 1985. The reinstatement of *Bathypolypus faeroensis* (Russell, 1909) (Octopoda: Bathypolypodinae). *Proceedings of the Biological Society of Washington* 98(3):598–603.
- ◆ Toll, R. B. 1988. The functional morphology of the teuthoid gladius. In: *The Mollusca* (Vol. 11): Form and Function. Trueman, E. R. and M. Clark, eds. pp. 167–182. Academic Press, New York.

- ◆ Donovan, D. T., and Toll, R. B. 1988. The gladius in coleoid evolution. In: *The Mollusca* (Vol. 12): Paleontology and Evolution of Cephalopods. Trueman, E. R. and M. Clark, eds. pp. 89–101. Academic Press, New York.
- ◆ Toll, R. B. 1988. The use of arm sucker number in octopodid systematics (Cephalopoda: Octopoda). *American Malacological Bulletin* 6(2):207–211.
- ◆ Toll, R. B. and C. H. Strain\*\*. 1988. Freshwater and terrestrial food items as an alternate diet for laboratory culture of cephalopods. *Malacologia* 29(1):195–200.
- ◆ Toll, R. B. 1990. The morphology of the gladius in the Family Ommastrephidae (Cephalopoda: Teuthoidea) and its bearing on intrafamilial relationships *Malacologia* 31(2):319-332.
- ◆ Toll, R. B. 1990. A reaffirmation of the nomenclatural status of *Octopus filusus* Howell, 1868, the senior synonym of *Octopus hummelincki* Adam, 1936. *Nautilus* 104(1):26-28..
- ◆ Toll, R. B. and L. Cox–Binger\*\*. 1991. Arm anomalies in octopuses: cases of supernumerary development and bilateral agenesis of arm pairs with a review of other anomalous conditions. *Zoomorphology* 110(6):313-316.
- ◆ Toll, R. B. 1991. A note on two supposed junior homonyms of *Octopus australis* Hoyle, 1885 (Cephalopoda: Octopodinae) with comments on *Octopus campbelli* Smith, 1902, based on new material. *Nautilus* 105(3):116-117.
- ◆ Hochberg, F. G., M. Nixon and Toll, R. B. 1992. Order Octopoda. In: *Early Life Histories of Cephalopods*. Proceedings of the 1st CIAC Workshop, Banyuls, France, 1985. Smithsonian Contributions to Zoology No 513: 213-280.
- ◆ Forsythe, J. and Toll, R. B. 1992. Clarification of the western Atlantic Ocean pygmy octopus complex: the identity and life history of *Octopus joubini* Robson, 1929 (Cephalopoda: Octopodinae). *Bulletin of Marine Science* 49(1-2):88-97.
- ◆ Hart, F. X., Toll, R. B., N. J. Berner, and N. H. Bennett\*\*. 1996. The low-frequency dielectric properties of *Octopus* arm muscle measured in-vivo. *Physics in Medicine and Biology* 41:2043-2052.
- ◆ Voss, N. A., M. Vecchione, Toll, R. B., and M. J. Sweeney. 1998. Introduction. *Systematics and Biogeography of Cephalopods*, Vol. I. Smithsonian Institution Contributions to Zoology, No. 586, pp. 1-2.
- ◆ Toll, R. B. 1998. The gladius in Teuthoid Systematics. Smithsonian Contributions to Zoology, No. 586, Vol I, pp. 55-68.
- ◆ Toll, R. B. 1998. The Octopod working group proceedings: An introduction. Smithsonian Contributions to Zoology, No. 586, Vol II, pp. 455-456.
- ◆ G. L. Voss and Toll, R. B. 1998. The systematics and nomenclatural status of the Octopodinae described from the Western Atlantic Ocean. Smithsonian Contributions to Zoology, No. 586, Vol II, pp. 457-474.
- ◆ Toll, R. B. 1998. The systematics and nomenclatural status of the Octopodinae from the Red Sea and the Indian Ocean (excluding Australia). Smithsonian Contributions to Zoology, No. 586, Vol II, pp. 475-488.

- ◆ Toll, R. B. and G. L. Voss. 1998. The systematics and nomenclatural status of the Octopodinae described from the West Pacific Region. *Smithsonian Contributions to Zoology*, No. 586, Vol II, pp. 489-520.
- ◆ Cleveland, C. M., R. S. Prezant, H. B. Rollins, R. B. Toll, and J. Wylie\*\*. 2002. Mass exhumation and deposition of Mulinia lateralis (Bivalvia: Mactridae) on an intertidal beach, St. Catherines Island, Georgia, USA. *Veliger* 45(1): 65-70.
- ◆ Prezant, R. S., R. B. Toll, H. R. Rollins, and E. J. Chapman. 2002. Marine Macroinvertebrate Biodiversity of St. Catherine's Island, Georgia, U. S. A. *American Museum Novitates* No. 3367:1-31.
- ◆ Toll, R. B., R. S. Prezant and H. R. Rollins. 2003. A Novel Method for Locating Tagged Infaunal Bivalves: Submersible Pulse Technology Metal Detectors. *Journal of Shellfish Research* 22(2):501-503.
- ◆ Rollins, H. R., R. S. Prezant, and R. B. Toll. 2007. Human Exploitation of the Quahog Mercenaria mercenaria in Eastern North-America: Historical Patterns and Controls. In Press. *British Archaeological Reports*.
- ◆ Volety, A.K., Henry, D.P., and Toll, R.B., 2010. Florida Gulf Coast University's Norm and Nancy Vester Marine and Environmental Sciences Research Field Station (Vester Field Station. *Gulf of Mexico Science*, No. 1-2, Vol XXVIII, pp. 214-219.
- ◆ Toll, R.B., and N. H. Bennett. 2011. Intramantle Inking: A Stress Behavior in Octopus bimaculoides (Mollusca: Cephalopoda). *Journal of the American Association for Laboratory Animal Science*, No. 6, Vol L, pp. 1-3.
- ◆ Bizikov, S and R. B. Toll, R. B. 2016. The Gladius and its Vestiges in Extant Coleoidea. In: The Coleoidea, Treatise of Invertebrate Paleontology (online): No. 77: Part M, Chapter 9A, 31 pp.
- ◆ Toll, R. B. On the Nomenclatural Status of Loligo javanica sensu Gresholf (1903) (Cephalopoda: Teuthoidea: Loliginidae). *The Nautilus* (in revision).
- ◆ Toll, R. B., R. S. Prezant and H. R. Rollins. Comparative Passive Dislodgement of Live and Drogue Mercenaria mercenaria on an Ebb-Dominated Mesotidal point Bar at St. Catherine's Island, Georgia and Its Implications for Adult Mobility and Recruitment (in MS).

(\*\* = undergraduate research with student co-author)

### **Contribution Related to Administrative Function**

Toll, R. B. Reviewing the Teaching Portfolio: Considerations from a Provost/Vice President for Academic Affairs. pp 109-117 (Chapter 15) In: P. Seldin, J. E. Miller and C. Seldin, *The Teaching Portfolio: A Practical Guide to Improved Performance and Promotion/Tenure Decisions* (4<sup>th</sup> ed.). 2010. John Wiley and Sons. San Francisco.

### **Books authored**

- ◆ *Deadly Walls?: Corrosive (Toxic) Chinese Drywall and Lennar Corporation: A Study in Corporate Responsibility and a Remediation Survival Guide*. 100,000 words. (In review by academic publisher)

- ◆ *America's Treasure – Twice Found, Twice Lost: The Story and Legacy of the Recovery of the S. S. Central America.* (In MS)

### **Theses and Dissertation Committees** (FGCU)

Katherine McFarland (2011): M. S. Thesis. Effect of salinity on the physiological responses of the non-native green mussel, *Perna viridis*, and the native oyster, *Crassostrea virginica*.

Robert Wasno (2014): M. S. Thesis. Investigation of trophic transfer from oyster reefs to predatory fishes in Southwest Florida.

### **Invited Public Presentations**

- ◆ Over 40 presentations to local municipal governments, Chambers of Commerce, economic development boards, etc. on factors affecting American higher education, including cost structure, student success, regulatory bodies, opportunities and potential threats
- ◆ Over 75 presentations to public school students on topics related to my research program on deep-sea ecology, animal diversity, ecology
- ◆ Over 40 presentations to civic and community groups (Rotary, Chamber of Commerce, etc.) on topics related to research on deep-sea ecology, animal diversity, ecology
- ◆ “Biodiversity - Don't leave home without (checking on) it”. Presentation as part of inaugural celebration for Nora Kizer Bell, President, Wesleyan College, Macon, GA.
- ◆ Salvage and science: the discovery and recovery of the deep-sea wreck of the S. S. *Central America*. The Cloister, Sea Isle, Georgia.
- ◆ “Studies of Macrobenthic Marine Invertebrates along a Georgia Barrier Island” and “Ship of Gold in the Deep Blue Sea”. McMullen Lecture Series, Monmouth College, IL.

### **Reviewer**

*Biological Bulletin, Malacologia, American Malacological Bulletin, Veliger, Nautilus, Fishery Bulletin, Bulletin of Marine Science, Proceedings of the Biological Society of Washington, Sea Frontiers, Smithsonian Contributions to Zoology, Oceanus, National Science Foundation, Arkansas Student Undergraduate Research Fund (SURF) Program*

### **Hobbies/interests**

- ◆ Cultivation/propagation of tropical (clumping) bamboos
- ◆ TaeKwonDo (Karate) - 1st Degree Decided Black Belt
- ◆ Restoration of classic automobiles - current project: fabrication of a ‘tribute’ race car (1966 427 S/C Shelby Cobra)
- ◆ Woodworking
- ◆ Metal fabrication - MIG/TIG welding
- ◆ Collecting antique tools
- ◆ Collecting petroliana
- ◆ Kayaking, kayak fishing (personal best = 37” snook!)