

Dawn M. Ford, PhD

Assistant Provost, Teaching and Learning
Executive Director, Walker Center for Teaching and Learning
Clinical Associate Professor, School of Professional Studies
The University of Tennessee at Chattanooga

Education

Walden University, PhD Public Health
The University of Tennessee, Graduate Certificate: Applied Epidemiology
Miami University, MS Botany
Western Kentucky University, BS Biology and Environmental Studies

Certifications

2017 *Quality Matters* Course Review Manager
2017 *Quality Matters* Master Reviewer Certification
2016 *Quality Matters* Teaching Online Certificate
2015 *Quality Matters* Peer Reviewer Certification
2015 Academic Auditor, State of Tennessee Board of Regents
2012 Critical Thinking Assessment Test (CAT) Grading Facilitator

Leadership Academies and Fellowships

2018 Provost Leadership Series, The University of Tennessee at Chattanooga (2015-18)
2017 Institute for Emerging Leadership in Online Learning Fellow, Penn State University and Online Learning Consortium, State College, PA
2016 SoCon Leadership Development Program, July 15-16
2015 Quintessence: New Paradigm for New Leaders, National Center for Academic Transformation, Baltimore, MD
2011 Chattanooga Women's Leadership Institute Mentoring Program
2009 Leadership Chattanooga Program
2007 Marshall Memorial Fellowship (German Marshall Fund), GMF's flagship leadership development program in Europe: Belgium, Italy, Germany, and Serbia
2006 Hamilton County Tennessee Professional Development Academy

Professional Employment Summary

The University of Tennessee at Chattanooga

Clinical Associate Professor, School of Professional Studies (July 2018 to present)

Faculty member of SPS; teaching courses in Public Health, Education, Integrated Studies (Sustainability), and Interior Architecture and Design.

Assistant Provost, Teaching and Learning (September 2017 to present)

I oversee teaching and learning support across campus for faculty and students. I provide strategic oversight and direct the management of the **Walker Center for Teaching and Learning**. This Academic Affairs unit provides support for the learning management system, academic technology, pedagogy, and experiential learning. This position involves collaboration with the Office of Program Evaluation and Institutional Research (OPEIR), Vice Chancellors, College Deans, and Department Heads.

Managed tutoring and supplemental instruction (September 2017-June 2018)

Executive Director of Teaching and Learning (May 2014 to present)

I manage a team for university-wide faculty support and development activities including Learning Management System (LMS) administration, quality course design aligned with Quality

Matters standards, and new faculty orientation and pedagogy development. I have also provided leadership for the implementation and assessment of UTC's SACS Quality Enhancement Plan for accreditation.

Key Job Responsibilities as Assistant Provost and Executive Director:

- Administration and daily management of the Walker Center for Teaching and Learning. Responsible for \$2 million budget.
- Involved in planning, implementation, and assessment of campus-wide initiatives including, but not limited to:
 - Accessibility
 - Academic Technology
 - Curriculum Mapping
 - Experiential Learning
 - Faculty Development
 - General Education
 - Quality Course Design Standards – Quality Matters
 - SACS COC Accreditation and QEP
 - UTC Strategic Plan activities and data supporting Goals 1a, 1d, 1e, 2a, 2d, 3a, and 4b.
- Management of grants from the University of Chattanooga Foundation and Tennessee Higher Education Commission.
- Oversight of new faculty and adjunct faculty orientation sessions
- Facilitator of new faculty pedagogy course (UTC Teaching and Learning Institute).
- Service on university-level committees: Course Evaluation, Faculty Grants, General Education/Ged Ed Refresh, Academic Technology, Learning Environment Committee, LMS Review (co-chair), SAC COC 5th-year report

Adjunct Faculty Member in the Honors College, Biology/Geology/Environmental Sciences, Mechanical Engineering, Education, Integrated Studies, and Masters in Public Health Program (January 2011 to present)

- *BIOL/ESC 1100 Conservation of Biodiversity* (online general education non-lab science course, externally QM certified, designated experiential learning course)
- *EDS 6300 Instructional Design and Development*
- *ENGR 2110 Pollution Controls* (online general education non-lab science course, QM aligned)
- *HHP 5950- Special Topics in HHP: Foundations in Public Health II* (core course for MPH program; will co-teach for first time in fall 2018)
- *INTS 1110 Science of Sustainability* (new online general education non-lab science course, QM aligned)
- *UHON 3565 Tropical Island Ecology and Geology* (general education lab science course, designated experiential learning course). Work with this course is highlighted in:
 - *Get Out Chattanooga's* June 2016 edition:
<http://www.timesfreepress.com/news/getout/features/story/2016/jun/01/bahamfield-course-opens-world-utc-students/367336/>.
 - *UTC News*:
<https://blog.utc.edu/news/2018/06/no-frills-journey-students-conduct-research-on-remote-island/>.
- *UHON Darwin and the Galapagos* – course under development to be offered in spring 2019 as a study abroad course in philosophy and natural science.

Assistant Director & Faculty Developer, Walker Center for Teaching & Learning (December 2011 to April 2014)

In this position, I managed UTC's SACS Quality Enhancement Plan, *ThinkAchieve* which involved managing the budget, ensuring the plan was implemented on the approved timeline, and assessing the project. As Faculty Developer, I provided faculty development trainings and communities of learning on critical thinking, flipped classroom, problem-based learning, team-based learning, and other strategies.

Highlights of this work include development, implementation, and assessment of:

- *ThinkAchieve* Faculty Grants program
- *ThinkAchieve* Faculty Awards program
- *ThinkAchieve* Faculty Fellows program
- Student Experiential Learning program that included new student orientation sessions, student semester of experience program, and student semester and graduation awards

Assistant Professor, Biological and Environmental Sciences Department (2001 to 2004)

Instructor, Biological and Environmental Sciences Department (1997 to 2001)

My first position at UTC was Instructor of Biological and Environmental Sciences. I taught undergraduate and graduate lecture and laboratory sections in the department. I was the coordinator for the undergraduate Introductory Environmental Science courses and developed and taught the Tropical Island Ecology course that was in part delivered at the Gerace Research Centre. After four years of service, I was promoted to Assistant Professor in 2001 (non tenure-track).

Chattanooga State Community College

Adjunct Instructor (2010 to 2012)

Adjunct instructor for online sections of the Introduction to Environmental Science laboratory course.

Chattanooga-Hamilton County Health Department

Emergency Response Coordinator and Environmental Scientist (2006 to 2011)

Environmental Scientist (2004 to 2006), Environmental Health Division

For 7 years, I worked in the fields of environmental science and environmental health for county government. I grew in this position quickly and became manager of the Emergency Preparedness program and staff within two years. In this capacity, I worked with the public health emergency preparedness team to develop and test public health emergency response plans for nuclear, chemical, and biological threats, as well as natural disasters and disease outbreaks such as pandemic influenza. As part of this process, we collaborated with local and state government agencies, non-profit organizations, and businesses. We implemented our plans and responded to community emergencies such as flooding, tornadoes, and disease outbreaks and provided support to national events such as Hurricanes Katrina and Gustav.

Contributed to work in epidemiology, health communications, health planning, and community health.

Skills and Qualifications

Center/Department Management

12+ years administrative experience

Responsible for budgets, personnel, organizational leadership, marketing/public relations, and program assessment

Excellent interpersonal, collaboration, and organizational skills

Coordination and planning of conferences, events, orientations

College-Level Instruction
 15+ years college-level instruction in face-to-face, blended, and online modalities; 8 years of online instruction

Curriculum/course design expertise
 15+ years course design and curriculum planning
 Trained by the National Center for Academic Transformation and Quality Matters
 Quality Matters Master Reviewer
 Extensive experience collaborating with colleagues on teaching/learning and research projects

Higher Education Administrative Expertise and Leadership
 7 years of university-level experience working across colleges
 AAC&U representative for UTC
 EAB Campus and APS
 General Education standards
 SACS COC Accreditation: Quality Enhancement Plan
 Student Support Services (Tutoring, Supplemental Instruction)

Public Health Experience
 7 years in local public health agency in environmental health, epidemiology, and emergency preparedness
 Unique hurricane response experience with sheltering and public health actions, H1N1 pandemic flu planning, and various disease outbreak/environmental health response actions

Research Field Station experience
 15+ years of experience as instructor and researcher in the Bahamas
 Forfar Field Station and Gerace Research Centre experience (Andros and San Salvador Islands)
 Current Bahamas government research permit for San Salvador, Bahamas

Technology expertise
 Learning Management Systems (Desire2Learn, Blackboard, Moodle, Canvas)
 Qualtrics; survey design and implementation
 Computer and mobile applications: word processing, data analysis, presentations, video, webpage design, infographics
 Camtasia/YouTube video capture and closed captioning

Current and Recent Theses and Dissertation Committees

Ashton Mitchell, Honors College, Chair (Hurricane Joaquin Impacts on Ponds on San Salvador, Bahamas), Graduated December 2017

Luke Black, Honors College, Chair (Chimpanzee Environmental Education of Zoo Visitors), Graduated December 2017

Meshia Seay, Honors College, Chair (Childhood Lead Poisoning in South Chattanooga, TN), Graduated May 2018

Matthew Tolbert, Learning and Leadership, Member (Flipped Classroom's Impact on Student Performance and Engagement), 2017-present.

Publications and Presentations

Peer-Reviewed Articles

Ford, D.M., Abernathy, J., Black, L., Holmes, A., Mitchell, A., Novak, S., & Schwartz, A. (2018, in press). Hurricane Joaquin Impacts on Oyster Pond, San Salvador, Bahamas. Proceedings of the 2nd Joint Symposium on the Natural History and Geology of the Bahamas.

Ford, D.M., Eshbaugh, W.H., and Branson, R. (2017). The impacts of science field courses on in the Bahamas on the personal and professional development of U.S. students, 1977-2014.

International Journal of Bahamian Studies 23, 15-30.

- Benkert, S., Dell, M., **Ford, D.M.**, and Potts, G.E. (2016). Alternate course delivery as a pathway to excellence for adult learners. *The Proceedings of the 12th National Symposium on Student Retention*, pp. 24-32. Available at <https://csrde.ou.edu/wp-content/uploads/2016NSSRProceedings.pdf>.
- Ford, D.M.**, Margaritis, M., & Mendelsohn, A. (2016). Characteristics of Childhood Lead Poisoning among Tennessee Children Ages 1 to 5 Years, 2009-2013. *Public Health* 136, 188-191.
- Ford, D.**, Seagle, S., & Marr, M. (2015). Accommodating angst and anger in the quest for accessibility: A learning center's story. *Journal for Academic Excellence*, 3(5), 22-25.
- Ford, D.**, Covino, R., Robinson, C., & Seaman, P. (2014). The faculty fellowship: Improving student engagement and learning in support of a QEP. *Journal of Academic Excellence*, 2(4), 10-19.
- Ford, D.**, Margaritis, V., & Mendelsohn, A. (2014). Risk factors associated with childhood lead poisoning in Tennessee. Walden University [dissertation].
- Richards, S., Adsit, K., and **Ford, D.** (2012). Integrating inquiry-based field investigations into an environmental science curriculum. *Journal of the Tennessee Academy of Science* 87(2): 105-115.
- Ford, D.M.** & Eshbaugh, W.H. (1995). A comparison of subtidal benthic macrophyte communities in wave-exposed and wave-sheltered habitats off the coast of Andros Island, Bahamas. In Elliot, N.B. et al., Eds. Proceedings of the 6th Symposium on the Natural History of the Bahamas, San Salvador, Bahamas. Bahamian Field Station, pp. 10-21.

Presentations and Published Abstracts

- Accepted for 2018:* **Ford, D.**, Seay, M., and Cherian, Tes. (2018). Soil lead contamination and public health ethics in South Chattanooga, Tennessee. American Public Health Association Annual Meeting, November 10-14, 2018, San Diego, CA.
- Accepted for 2018:* **Ford, D.**, Crawford, E., Rutledge, V., and Marr, M. (2018). New faculty orientation with a twist – A semester-long course in teaching and learning. Teaching with Technology Conference, October 5-7 2018, St. Louis, MO.
- Accepted for 2018:* Lewis, E. and **Ford, D.** (2018). General Education Refresh through a Data-Informed Design Thinking Approach.” SACS COC Annual Meeting, December 8-11, 2018, New Orleans, LA.
- Accepted for 2018:* Rutledge, V., Crawford, E., and **Ford, D.** (2018). “Preparing Faculty for Successful Instruction in Today’s Classroom,” E-Learn World Conference on E-Learning, October 15-18, 2018, Las Vegas, NV.
- Rutledge, V., Crawford, E., and **Ford, D.** (2018). New faculty pedagogy course. Presented at the University of Tennessee at Chattanooga’s Research Dialogues, April 4, 2018, Chattanooga, TN.
- Ford, D.**, Crawford, E., and Rausch, D. (2017). Quality Matters: Course design for student learning and success. Presented at the Southern Association of Colleges and Schools Commission on Colleges Annual Meeting, December 2017, Dallas, TX.
- Carlson, B. and **Ford, D.** (2017). Gauging experience: Implementation and assessment of an experiential learning initiative. Presented at The Coalition of Urban and Metropolitan Universities Annual Conference, October 10, 2017, Denver, CO.
- Ford, D.** (2017). Invited speaker on Quality Matters Online Teaching Certificate Panel. Quality Matters Connect Conference, November 2017, Fort Worth, TX.
- Ford, D.**, Abernathy, J., Black, L., Mitchell, A., Novak, S., and Schwartz, A. (2017). Hurricane impacts of Hurricane Joaquin on Oyster Pond. Presented at the 2nd Joint Conference on the Natural History and Geology of the Bahamas, June 8-12th, San Salvador, Bahamas.
- Holmes, A.E. and **Ford, D.M.** (2016). Effects of Hurricane Joaquin on the sediment, biota, and water chemistry of interior ponds of San Salvador, Bahamas. Geological Society of America Annual Meeting 48(7). [published abstract]

- Williamson, C. and **Ford, D.** (2016). Using a critical thinking instrument for QEP faculty development and assessment. Presented at the Southern Association of Colleges and Schools Commission on Colleges Annual Meeting, December 2016, Atlanta, GA.
- Ford, D.** and Abernathy, J. (2015). Algae, fish, and invertebrate survey of Reckley Hill, Crescent, and Oyster Ponds. Presented at the 1st Joint Natural History and Geology of the Bahamas Conference, June 12-17, Gerace Research Center [published abstract].
- Ford, D.** & Stern, W. (2014). Flipped classroom for student retention and engagement. Presented at the Teaching Professor Technology Conference, October 10-12th.
- Ford, D.**, Margaritis, V., & Mendelsohn, A. (2014). Childhood lead poisoning in Tennessee. 142nd APHA Annual Meeting and Exposition 2014 [conference paper].
- Holmes, A.E.; **Ford, D.M.:** (2014). International undergraduate experiential learning and critical thinking through two linked upper-level cross-disciplinary courses. Presented at the Geological Society of America Annual Meeting, October 10, 2014. [published abstract]
- Ford, D.** & Stern, W. (2014). Flipped classroom for improved student engagement, motivation, and retention. Presented at the 5th Annual Dalton State College Teaching and Learning Conference, March 14, 2014.
- Ford, D.** (2014). The ThinkAchieve faculty development model for the scholarship of teaching and learning. Presented at the Southern Regional Faculty and Instructional Development Consortium, March 3, 2014.
- Ford, D.**, Adsit, K., & Ritz, S. (2013). QEP faculty development in critical thinking: A faculty scholarship model. Presented at the Southern Association of Colleges and Schools Commission on Colleges Annual Meeting, December 2013, Atlanta, GA.
- Ford, D.**, Johnston, L, Rutledge, V., O'Brien, E, & Carlson, B. (2013). ThinkAchieve grant program: Opportunities for experiential learning within and beyond the classroom. Presented at the Coalition of Urban and Metropolitan Universities Annual Meeting, October, 2013.
- Ford, D.** & Sloan, S. (2011). Knowledge, attitudes, and behaviors on 2009 H1N1 and seasonal influenza vaccine among residents in Hamilton County, TN – March 2010. Presented at the Public Health Preparedness Summit, February 2011, Atlanta, GA.
- Ford, D.** & Ginese, H. (2006). Radon baseline project for Bradley and Hamilton Counties. Presented at The Tennessee Public Health Association's Annual Meeting, September 2006, Franklin, TN.
- Ford, D.** (2000). Chattanooga teachers study free market environmentalism in Montana. *The Enterpriser* 20(1): 1-3.
- Benson, B. & **Ford, D.**(1998). Using a space science simulation beyond the middle school. Proceedings of the 27th Annual Conference of the North American Association for Environmental Education.
- Conner, J. & **Ford, D.** (1998). An environmental application of the scientific method. *Journal of the Tennessee Academy of Science* 74(1-2): 29. [published abstract]
- Ford, D.** (1998). Comparing the use of living systems versus model systems to study ecosystem properties. *Journal of the Tennessee Academy of Science* 74(1-2): 30. [published abstract]

Recent Student Presentations and Published Abstracts

- Schwartz, Alex. (2018). Species richness in Oyster Pond, San Salvador, Bahamas. Presented at Southern Regional Honors Council, Annual Conference, April 7, 2018. [poster]
- Seay, Dameshia. (2018). Environmental injustice: A public health issue in Chattanooga. Presented at Southern Regional Honors Council, Annual Conference, April 6, 2018. [oral presentation]
- Black, L. and **Ford, D.** (2017). Post-disturbance species richness and abundance in red mangrove prop root biota of Oyster Pond in San Salvador Bahamas. Presented at the University of Tennessee at Chattanooga's Research Dialogues. April 11, 2017.
- Mitchell, A. and **Ford, D.** (2017). A biotic survey of outcroppings and *Pinctada longisquamosa* in Oyster Pond one year after Hurricane Joaquin located in San Salvador, Bahamas. Presented at the University of Tennessee at Chattanooga's Research Dialogues. April 11, 2017.

- Schwartz, R. (2017). Survey of biota in Oyster Pond conduits on San Salvador Island, Bahamas. Presented at the University of Tennessee at Chattanooga's Research Dialogues. April 11, 2017.
- Dunn, L., Pack, A., Schwartz, A., Sherman, E., **Ford, D.**, and Holmes, A. (2016). An examination of Hurricane Joaquin's impact on red mangrove prop root biota of Oyster Pond, San Salvador, Bahamas. Presented at the University of Tennessee at Chattanooga's Research Dialogues. April 14, 2016.
- Bogenschild, J., Crumb, M., Mitchell, A., Rushing, W., **Ford, D.**, and Holmes, A. (2016). A biotic survey of outcroppings in Oyster Pond after Hurricane Joaquin on San Salvador, Bahamas. Presented at the University of Tennessee at Chattanooga's Research Dialogues. April 14, 2016.
- Black, L., Durham, A., Leach, S., and Stansberry, C. (2016). The effects of Hurricane Joaquin on the sediment of inland ponds on San Salvador, Bahamas. Presented at the University of Tennessee at Chattanooga's Research Dialogues. April 14, 2016.
- Ford, D.** & Hunt, N. (2015). Childhood lead poisoning hot spots in Tennessee and Hamilton County. Presented at UTC's Research Day, April 14th.
- Fjeld, A., Dennis, A., Bailey, J., & **Ford, D.** (2015). GPS mapping and analysis of multiple components of the Bahamian Field Station trail of San Salvador, Bahamas. *Journal of the Tennessee Academy of Science*. 90(1-2). [published abstract]
- Johns, T., Skipworth, K., Ford, D., Holmes, A., & **Ford, D.** (2015). Recovery monitoring of sea urchins on San Salvador, Bahamas. *Journal of the Tennessee Academy of Science*. 90(1-2). [published abstract]
- Abernathy, J., Donley, C., Salinas, C., Welborn, R., Holmes, A., & **Ford, D.** (2014). A comparison of algal and coral species diversity and fish species richness of natural and artificial patch reefs in northern San Salvador, Bahamas. *Journal of the Tennessee Academy of Science*, 89(1-2). [published abstract]

Academic Textbooks and Supplements

- Ford, D.** and Reynolds, B. (2014). *Laboratory Manual for Introduction to Environmental Science*. Kendall/Hunt: Dubuque, Iowa [revised 2016].
- Ford, D.** (2004). *Instructor Resource Manual for Environment: The Science behind the Stories*. Benjamin Cummings: San Francisco.
- Ford, D.** (2004). *Online Environmental Case Studies*. Benjamin Cummings: San Francisco.
- Ford, D.** (2004). *Investigations in Environmental Science*. Kendall/Hunt: Dubuque, Iowa.
- Ford, Dawn M.** (2000). *Introduction to Environmental Problems II*. Harcourt Brace Custom Publishers: Fort Worth, TX.
- Ford, D.** (1999). *Introduction to Environmental Problems I*. Harcourt Brace Custom Publishers: Fort Worth, TX.

Recent Conference Attendance & Trainings (those not included in presentation section)

- Blackboard World, July 2018, Orlando, FL.
- UT Conference for Women in Leadership, "Powered by Purpose," June 13, 2018, Murfreesboro, TN.
- Online Learning Consortium Accelerate, November 2017, Orlando, FL.
- John N. Gardner Institute, Annual Gateway Course Experience Conference, February 2017, Las Vegas, NV.
- SACS COC Annual Meeting, December 2015, Houston, TX.
- Sigma Xi Annual Meeting, October 2015, Kansas City, MO.
- UT Conference for Women in Leadership, "To Lead and to Follow: Advancing Women in Leadership," 2015, Knoxville, TN.
- Statewide Accessibility Conference, July 2014, Nashville, TN
- SACS COC Annual Meeting, December 2014, Nashville, TN.
- CUMU Annual Conference, "Transforming and Sustaining Communities through Partnerships, October 2013.

Institutes & Trainings

SACS COC Institute on Quality Enhancement and Accreditation, Atlanta, GA, July 2018

SACS COC Institute on Quality Enhancement and Accreditation, New Orleans, LA, July 2014

Tennessee Tech Critical Thinking Assessment Test (CAT) Analog Training, October 2014, Knoxville, TN.

Northwest Center for Public Health Practice, Summer Institute, Seattle, WA, 2009

Holbrook Global Field Expeditions, "Field-Based Learning in Costa Rica," Selva Verde, Costa Rica, 2003

Political Economy Research Center, "New Approaches to Environmental Protection," Montana, 1999.

Grants

External Grants

- 2017 Tennessee Higher Education Commission, "Governor's Online Innovation Initiative," (P.I.), \$103,000 (Quality Matters course certification and faculty training).
- 2016 Tennessee Higher Education Commission, "Governor's Online Innovation Initiative," (P.I.), \$50,000 (development of hybrid accelerated courses that are QM certified).
- 2015 Tennessee Higher Education Commission, "Governor's Online Innovation Initiative," (P.I.), \$111,000 (development of online courses and QM program).
- 2014 Tennessee Higher Education Commission. "Governor's Online Innovation Initiative," (P.I.) \$77,000 (development of online courses).
- 2004 National Association of Counties, "Baseline Radon Study in Hamilton and Bradley Counties, Tennessee,"(P.I.), with Hannah Ginese (Co-P.I.), Tennessee Department of Health, \$5,000.
- 2002 Tennessee Higher Education Commission, Improving Teacher Quality Grant, "Scientific Investigations with the GLOBE Program: Year Two" (P.I.) with Dr. Henry Spratt (Co-P.I.), of Biological/Environmental Sciences, \$36,110.
- 2002 National Science Foundation CCLI Adaptation and Implementation Grant, "Integrated Inquiry-Based Field Investigations in Environmental Science" (Co-P.I.) with Dr. Elizabeth Guthrie (P.I.) of Biological/Environmental Sciences and Dr. Karen Adsit (Co-P.I.) of Education Department, \$65,812.
- 2002 National Center for Online Learning Research Grant, "NASA Opportunities for Visionary Academics Phase III Project," (Co-P.I.) with Dr. Deborah McAllister (P.I.) of Education Department, \$2,979.
- 2001 Tennessee Higher Education Commission Eisenhower Professional Development Grant, "Scientific Investigations with the GLOBE Program" (P.I.), \$30,000.
- 2001 NASA Grant to attend the NOVA Phase III Workshop in Houston, Texas, (Co-P.I.) with Dr. Deborah McAllister (P.I.) of Education Department, \$5,255.

Internal Funding at UTC

- 2016 UTC Library Affordable Course Materials Initiative, \$500.
- 2014 ThinkAchieve Beyond the Classroom Grant, "Study Abroad for Tropical Island Ecology and Geology: Development of Critical Thinking Skills," with Dr. Ann Holmes, \$1,211.30.
- 2003 Foundation Faculty Development Grant, "Holbrook Field-Based Learning Seminar for Development of Field-Based Course at UTC," \$999.
- 2002 UC Foundation Instructional Excellence Grant, "Experiment Simulations and Database Activities for Introduction to Environmental Problems I," \$2,536.55
- 2002 UC Foundation Instructional Excellence Grant, "Support Material for Tropical Marine Ecology,"\$1,320.00.

- 2001 UC Foundation Instructional Excellence Grant submitted with Dr. John Tucker of Biology/Environmental Sciences, "Air Quality Monitoring Equipment for ESC 150 and 151 Laboratories," \$2,998.
- 2000 UC Foundation Instructional Excellence Grant submitted with Professor Linda Collins, "Development of Course Materials for a New General Education Course: Conservation of Biodiversity," \$1,410.62
- 1999 Foundation Instructional Excellence Grant submitted with Professor Linda Collins of Biological/Environmental Sciences, "Development of Course Materials for a New General Education Course: Conservation of Biodiversity," \$870.
- 1999 UTC Library Enhancement Grant with Professor Linda Collins of Biological/Environmental sciences, "Conservation of Biodiversity," \$499.
- 1999 UTC General Education Funds Grant to support participation in the Society for Conservation Biology annual meeting, \$725.
- 1998 UC Foundation Instructional Excellence Grant with Dr. Bernard Benson of Education Department, "Hydroponics and Urban Biodiversity: Using Simulations to Explore Real World Problems," \$2,914.
- 1998 UC Foundation Instructional Excellence Grant submitted with Dr. John Tucker of Biological/Environmental Sciences, "Development of Interactive Teaching Materials for Environmental Science," \$3,000.

Academic Reviews

Reviewer for *Public Health* journal manuscript submissions, 2016-present.
 Reviewer for *International Journal of Environmental Research and Public Health*, 2017-present
 Reviewer for *Toxics*, 2018-present
 Reviewer of submitted abstracts for the Online Learning Consortium's 2018 annual meeting.
 Academic program reviewer of the Humanities Program at Cleveland State Community College, April 2017.
 Academic program reviewer of the Sociology Program at Tennessee State University, April 2016.
 Reviewer of submitted abstracts for the Association Public Health Association's 2016 and 2018 annual meetings.

Committees and other Activities

International and National

Tutor.Com Client Advisory Council (2017-present)
 German Marshall Fund Marshall Memorial Fellowship Search Committee, Chair (2009-2010)
 NACCHO Pandemic Influenza Workgroup (2009-2011)

University of Tennessee at Chattanooga (2011-present)

LMS Review Committee, Co-Chair, (2018-present)
 Institutional Search Committee: Dietetics Faculty Member, Health and Human Performance Department, Chair (2018)
 Institutional Search Committee: Research Analyst for OPEIR, Chair (2018)
 Institutional Search Committee: Assistant Director of the Honors College (2017)
 Institutional Search Committee: Director of the OPEIR (2016)
 Sigma Xi, President (2014-2016), Secretary (2017)
 SACS COC Fifth Year Report Committee (2015-2017), Institutional Effectiveness and Distance Learning Accessibility Technology Initiative (2014-2016), Co-Chair (2016-present)
 General Education Committee (2014-present; ex-officio)
 Faculty Development Grants Committee (2014-present; ex-officio)
 Student Rating of Faculty Committee (2014-present; ex-officio)
 Learning Environment Committee (2017; ex-officio)

Curriculum Mapping Task Force (2014-2015)
Complete College Committee (2013-2015)
Training Advisory Group (2012-2014)
SACS Quality Enhancement Plan Advisory Board (2011-2016)
More committee work available upon request for UTC 1997-2004

Hamilton County Government

Community Health Emergency Planning Committee, Chair (2004-2011)
Continuity of Operations Planning Committee, Chair (2006-2011)
Disaster Animal Response Team, Founding Member (2006 to present)
Public Health Investigation Team (2006-2011)
InfraGard of Southeast Tennessee (2008-2012)
Pandemic Influenza Planning Committee, Chair (2006-2007)
Citico Creek Cleanup Partnership, City of Chattanooga Stormwater (2006-2007)
Alton Park Redevelopment Brownfields Assessment Grant Project (2006-2009)
Hamilton County Local Emergency Planning Committee, Executive Vice-President (2004-2009)
Chattanooga-Hamilton County Clean Air Campaign (2004-2006)

Awards/Recognitions

International

2007 Marshall Memorial Fellowship (German Marshall Fund) – This fellowship offered a one-month program in Europe (Belgium, Italy, German, and Serbia) with a group of leaders from across the country.

The University of Tennessee at Chattanooga

2018 Performance Merit Bonus
2017 Performance Merit Bonus
2016 Performance Merit Bonus
2015 Performance Merit Bonus
2014 Performance Merit Bonus
2013 Performance Merit Bonus
2003 Faculty Fellowship Award, Center of Excellence for Computer Applications
2002 Exceptional Merit Award
2001 Research Associate Award, Office of Grants and Program Review
2001 Recognition of Service, Faculty Honors Day, November 30
2000 Recognition of Service, Faculty Honors Day, December 1.

Community-Based

2017 Volunteer Award, Chattanooga School Center for Creative Arts
2016 Volunteer Award, Chattanooga School Center for Creative Arts
2005 Ohio County, Kentucky, Hall of Fame Inductee
2001 Outstanding Service and Support of the Girl Scouts, Girl Scouts of Moccasin Bend

Hamilton County Government

2009 Employee of the Quarter
1993 Young Botanist Award, Botanical Society of America

Professional Memberships and Honor Societies

Alpha Honor Society, The University of Tennessee at Chattanooga (Vice-President, 2018)
American Public Health Association
Bahamas National Trust

Golden Key International Honor Society
Sigma Xi, the Scientific Research Society
Tri-Beta, National Biological Honorary Society