

Curriculum Vitae

Tyrone S. Toland, Ph.D.

Department of Informatics
University of South Carolina Upstate
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EDUCATION

- University of South Carolina, Columbia, SC, Computer Science, Ph.D., 2005
Dissertation: "*A Study of the Inference Problem in Dynamic Databases*"
Advisors: Dr. Caroline M. Eastman and Dr. Csilla Farkas
- University of South Carolina, Columbia, SC, Computer Science, M.S., 2000
Thesis: "*An Information Retrieval System to Manage Program Maintenance Reports in a Data Processing Shop*"
Advisor: Dr. Caroline M. Eastman
- University of South Carolina Upstate, Spartanburg, SC, Computer Science Applied Mathematics Concentration, B.S., 1990

TEACHING INTERESTS

Computer Programming, Distributed Database, Database Design, Database Security, Information Retrieval, Information Security, Data Structures

RESEARCH INTERESTS

Database Security, Information Retrieval, Information Security, Web Mining Security, Service-Oriented Architecture, Web Services

ACADEMIC EXPERIENCE

- 2012 – Present, **Associate Professor with Tenure**, Department of Informatics, University of South Carolina (USC) Upstate
- 2006 – 2012, **Assistant Professor**, Department of Informatics, University of South Carolina (USC) Upstate
- 2003 – 2006, **Instructor**, Department of Informatics, University of South Carolina (USC) Upstate
- 1996 – 2003, **Adjunct Instructor**, Industry Technology and Business Department, Midlands Technical College

- Spring 2001, **Adjunct Instructor**, Math and Computer Science Department, Benedict College
- Fall 1992 – Spring 1995, **Adjunct Instructor**, Continuing Education Department, Spartanburg Technical College
- Spring 1991 – Fall 1991, **Adjunct Instructor**, Math Department, Phillips Junior College

PROFESSIONAL EXPERIENCE

- 1998 – 2000, **Systems Programmer I**, Computer Services Department, University of South Carolina, Duties: Maintain the IBM Virtual Machine (VM) system, which includes creating, modifying, deleting and resolving VM user related problems as well as installing third party VM software
- 1995 – 1998, **Computer Programmer II**, Computer Services Department, University of South Carolina, Duties: Develop and maintain Common Business Oriented Language (COBOL) programs in an Information Management System (IMS) batch and online environment
- 1992 – 1995, **Computer Programmer**, Electronic Health Transactions, Metropolitan Life Insurance Company (MetLife), Greenville, South Carolina, Duties: Maintain COBOL programs in a batch and an online environment

TEACHING

- **COURSES TAUGHT**

- **University of South Carolina Upstate, 2003 – Present**
 - **Department of Informatics**
 - Visual Basic Programming I (CSCI 139, SCSC 139, SIMS 186)¹
 - **Face-to-face**
 - Visual Basic Programming II (CSCI 239, SCSC 239, SIMS 286)¹
 - **Face-to-face**
 - Database System Design (CSCI 325, SCSC 325, SIMS 420, SCSC 520I, SCSC 520)¹
 - **Face-to-face**
 - Database Implementation Application and Administration (INFO 421, SIMS 421)¹
 - **Face-to-face** and **Online**
 - Information Privacy & Security (**Healthcare**) (SHIM 417, HIMS 417)¹
 - **Face-to-face** and **Online**

¹ This course was taught under different course numbers.

- Information Privacy & Security (**non-Healthcare**) (INFO 496 INFO 417)¹
 - **Online**
- Senior Seminar in Information Management and Systems (INFO 499, SIMS 499)¹
 - **Face-to-face**
- **Division of Math and Computer Science**
 - Database System Design (SCSC 520)²
 - **Face-to-face**
 - Database Implementation Application and Administration (SCSC 521)²
 - **Face-to-face**
- **COURSE DEVELOPMENT**
 - Information Privacy & Security (**Healthcare**) (SHIM 417 HIMS 417)
 - This course was developed to provide the Department of Informatics Healthcare majors with the important and necessary security skill set that all information technology employees need to possess.
 - **Face-to-face** and **Online**
 - Information Privacy & Security (**non-Healthcare**) (INFO 496 INFO 417)¹
 - This course was developed to provide the Department of Informatics non-Healthcare majors with the important and necessary security skill set that all information technology employees need to possess.
 - **Online**
- **COURSE REVISION**
 - Data Warehousing and Decision Support Systems Technology (INFO 421)
 - The focus of the course content and title was revised from a database development course to a data warehousing course. The data warehousing focus is more in line with the Department of Informatics mission to prepare “analysts, problem solvers, managers, and user advocates in the information technology field.”
 - **Face-to-face** and **Online**
- **UNDERGRADUATE INDEPENDENT STUDY**
 - **Summer 2016**; Kaitlin Wooden, William Craft²
 - **Spring 2015**; Erin Fields, Tanasia DeWeese
 - This independent study supported the students who could not take senior seminar at the stated time.

² Division of Mathematics and Computer Science

- **Fall 2014**; Armani Louden, Lauren Bolen, Monisiah Brockman
- **Summer 2014**; Rachel Posey, Andrew Kipchumba
- **Spring 2014**; Maya Weldon
- **Summer 2013**; Abbie Thomas
- **Spring 2013**; Johnny King², Russ Bradley
- **Fall 2012**; Johnny King², Pierre Bouabre²
- **Summer 2012**; Pierre Bouabre²
- **Spring 2012**; Matt Johnson, Kayla Greene

- **UNDERGRADUATE THESIS SUPERVISED**
 - **2017**; Maximilian Michae Amende, “Challenges and Opportunities for Banks in the Age of FinTech”
 - **2016**; Sebastian Kollmannsperger, “Using Football Formations in a Honeypot Environment”

- **GRADUATE THESIS SUPERVISED**
 - **2016**; Pierre Bouabre, “Performance of Compression Algorithms used in Data Management Software”
 - **2016**; Zanib S. Hassan, “The Effects of Community Characteristics on 30-Day Risk-Adjusted Rates of Readmissions for Pennsylvania and New Jersey Teaching and Safety-Net Hospitals”

- **GRADUATE ASSISTANT**
 - **2017**; Charles Hornack, Grader for INFO 421: Database Implementation Application and Administration

- **NON USC UPSTATE COURSES TAUGHT**
 - **Midlands Technical College, 1996 - 2003**
 - Introductory to C and C++ Programming (CPT-234-B65)
 - **Benedict College, 2001**
 - Visual BASIC (CSC 133)
 - **University of South Carolina, 2001**
 - Introduction to Computer Concepts (CSCE 101)
 - **Phillips Junior College, 1991**
 - Business mathematics and remedial mathematics

TEACHING AWARDS

- **Recipient**, Men’s Basketball Team Honored Faculty, **2016**
- **Nominee**, Bank of America - Student Affairs Excellence in Teaching and Advising Award, University of South Carolina Upstate, **2013, 2014, 2017**
- **Finalist**, Bank of America - Student Affairs Excellence in Teaching and Advising Award, University of South Carolina Upstate, **2013, 2014**

PROFESSIONAL DEVELOPMENT RELATED TO INNOVATION OR IMPROVEMENT IN TEACHING METHODOLOGY

- **USC Upstate Workshops**
 - POWER-UP LUNCH, Center for Excellence in Teaching and Learning (CETL), January 23, 2017
 - Course Design Workshop III, “Preparing Students for the Future: Voices from the STEM faculty,” CETL, March 22, 2017
 - POWER-UP LUNCH, CETL, January 25, 2016
 - 4th Annual QEP Technology Symposium, May 11 - 12, 2016
 - “GEARING-UP WORKSHOP,” CETL, August 12, 2015
 - Academic Freedom and Its Impact on Teaching and Learning, CETL and USC Upstate Chapter of American Association of University Professors (AAUP), October 27, 2015
 - 2nd Annual Quality Enhancement Plan (QEP) Technology Symposium, May 14 - 15, 2014
 - LOL with CETL “Strategies for Motivating and Retaining Distance Learners,” March 26, 2014
 - “Best Practice for Implementing an Online Course Development Model,” CETL, October 22, 2014
 - POWER BREAKFAST, Center for Teaching Excellence (CTE), January 23, 2013
 - 1st Annual QEP STEP UP Symposium, May 14 - 15, 2013
 - USC Upstate Development Workshop, May 30, 2013
 - TLC with CTE, “Course Syllabus and Its Transformation,” CTE, August 14, 2013

- **Non USC Upstate Workshops**
 - 2nd National Society of Blacks in Computing (NSBC) Conference, Atlanta, GA, June 1 - 3, 2017
 - 2015 Academic Workshops for Underrepresented, Houston, TX, April 30 – May 2, 2015
 - *2012 NSF Minority Faculty Development Workshop*, Atlanta, GA, March 15 - 18, 2012
 - 2011 Academic Workshops for Underrepresented, Los Angeles, CA, February 24 – 27, 2011
 - *2010 NSF Minority Faculty Development Workshop*, Cambridge, MA, March 21 - 24, 2010
 - 2009 Academic Workshop for Underrepresented Assistant Professors, Associate Professors, and Senior Doctoral Students, Portland, OR, 2009
 - Seventh Annual Future Faculty and Professionals Symposium (FFPS) in conjunction with The National Consortium for Graduate Degrees for Minorities in Engineering and Science Inc.’s (GEM Consortium), 2005 Annual Board Meeting, Boston, MA, 2005

- **Certification**
 - Microaggressions: Strategies to improve Your Campus Climate and Community, University of South Carolina Upstate, SC, **May 24, 2016**
 - “Teaching Online Certification Course,” University of South Carolina Upstate, SC, **July 2012**
- **Instructional Technology**
 - Blackboard
 - Respondus

ADVISING STUDENTS ON ACADEMIC MATTERS

- **Workshops**
 - Advising “Nuts and Bolts” Workshop, June 5, **2014**
 - Academic Coaches for our Spartan Academic Team (SAT) Training, August 11, **2014**

SCHOLARSHIP

LIST OF REFEREED PUBLICATIONS

CHAPTER

- **Toland, T. S.**, Kollmannsperger, S., Brewton, B. J., & Craft, W. B. (in press). “Using Sports Plays to Configure Honeypots Environments to form a Virtual Security Shield,” In E. El-Sheikh, L. Ertual, G. Francia, & L. Hernandez (Eds.), *Computer and Network Security Essentials Book*, New York, NY: Springer.

JOURNAL

- **T. S. Toland**, C. Farkas, C. M. Eastman. “The inference problem: Maintaining maximal availability in the presence of database updates,” *Computers & Security*, Volume 29, Issue 1, February 2010, pp. 88-103.

REFEREED CONFERENCE PROCEEDINGS

- **Toland, T.** “C2Cloud: A Cloud Computing Framework,” *In Proceedings of The 7th IEEE Annual Computing and Communication Workshop and Conference*, IEEE CCWC 2017. January 9 - 11, 2017, Las Vegas, USA.
- Bouabre, P. and **Toland, T.** “Performance of Compression algorithms used in Data management software,” *In Proceedings of The 15th International Conference on Information & Knowledge Engineering*, IKE'16. pp. 33–36. CSREA Press (2016).
- Kollmannsperger, S. and **Toland, T.** “Using football formations in a honeypot environment,” *In the Proceedings of the 2016 International Conference on Security and Management*, SAM'16, pp. 299–303. CSREA Press (2016).

- Kollmannsperger, S. and **Toland, T. S.** “Using Football Formations in a Honeypot Environment,” *In the Proceedings of the 12th Annual SC Upstate Research Symposium*, Spartanburg, SC, April 8, 2016.
- Tzacheva, A. A., **Toland, T. S.**, Poole, P. H., Barnes, D. J. “Ontology Database System and Triggers,” *In the Proceedings of the of The Twelfth International Symposium on Intelligent Data Analysis (IDA 2013)*, A. Tucker et al. (Eds.), October 17-19, 2013, Royal Statistical Society, London, United Kingdom, Springer, Heidelberg, LNCS 8207, pp. 416-426.
- **T. Toland.** “Simple XML Messaging Framework,” *In the Proceedings of the 48th Annual Association for Computing Machinery (ACM) Southeast Conference*, Oxford, MS, April 15 – 17, 2010, pp. 81–87.
- **T. S. Toland.** “Yet Another Database Constraint Checker: Database Constraint Evaluator,” *47th Annual Association for Computing Machinery (ACM) Southeast Regional Conference*, Clemson, SC, March 19 - 21, 2009.
- **T. S. Toland**, C. Farkas, C. M. Eastman. “Dynamic Disclosure Monitor (D²Mon): A Survey of Open Research Problems,” *In the Proceedings of 1st Computer Security Conference (CSC)*, Myrtle Beach, SC, April 12 - 13, 2007.
- **T. Toland**, C. Farkas, and C. Eastman. “Dynamic Disclosure Monitor (D²Mon): An Improved Query Processing Solution,” *In the Proceedings of 2nd Workshop on Secure Data Management in association with the 31st International Conference on Very Large Databases (VLDB) 2005*, Trondheim, Norway, August 30 to September 2, 2005.
- C. Farkas, **T. Toland**, and C. Eastman. “The inference problem and updates in relational databases,” *In the Proceedings of the Fifteenth Annual IFIP WG 11.3 Working Conference on Database and Applications Security*, Niagara on the Lake, Ontario, Canada, July 15-18, 2001, pp. 171-186.
- **T. Toland** and C. Eastman. “An Information Retrieval System to Manage Program Maintenance Reports in a Data Processing Shop,” *In the Proceedings of the 38th Annual Association for Computing Machinery (ACM) Southeast Conference*, Clemson, SC, April 7-8, 2000, pp. 81–87.

LIST OF REFEREED PRESENTATIONS

- **Toland, T.** “C2Cloud: A Cloud Computing Framework,” *The 7th IEEE Annual Computing and Communication Workshop and Conference*, IEEE CCWC 2017. January 9 - 11, 2017, Las Vegas, USA.
- Bouabre, P. and **Toland, T.** “Performance of Compression algorithms used in Data management software,” *The 15th International Conference on Information & Knowledge Engineering*, IKE'16. July 25-28, 2016, Las Vegas, USA.

- Kollmannsperger, S. and **Toland, T.** "Using football formations in a honeypot environment," *The 2016 International Conference on Security and Management*, SAM'16. July 25-28, 2016, Las Vegas, USA.
- Kollmannsperger, S. and **Toland, T. S.** "Using Football Formations in a Honeypot Environment," *12th Annual SC Upstate Research Symposium*, Spartanburg, SC, April 8, 2016.
- **T. S. Toland**, J. King, P. Boubre. "Cloud Computing Framework," *9th Annual SC Upstate Research Symposium*, Spartanburg, SC, April 19, 2013.
- A. Tzacheva, **T. Toland**, P. Poole, and D. Barnes. "Ontology Database System and Triggers," *9th Annual SC Upstate Research Symposium*, Spartanburg, SC, April 19, 2013.
- **T. S. Toland.** "Yet Another Database Constraint Checker: Database Constraint Evaluator," *47th Annual Association for Computing Machinery (ACM) Southeast Regional Conference*, Clemson, SC, March 19 - 21, 2009, (Extended Abstract).
- **T. S. Toland**, C. Farkas, C. M. Eastman. "Dynamic Disclosure Monitor (D²Mon): A Survey of Open Research Problems," *1st Computer Security Conference (CSC)*, Myrtle Beach, SC, April 12 - 13, 2007.
- **T. Toland**, C. Farkas, and C. Eastman. "Dynamic Disclosure Monitor (D²Mon): An Improved Query Processing Solution," *2nd Workshop on Secure Data Management in association with the 31st International Conference on Very Large Databases (VLDB) 2005*, Trondheim, Norway, August 30 to September 2, 2005.
- C. Farkas, **T. Toland**, and C. Eastman. "The inference problem and updates in relational databases," *Fifteenth Annual IFIP WG 11.3 Working Conference on Database and Applications Security*, Niagara on the Lake, Ontario, Canada, July 15-18, 2001, pp. 171-186.
- **T. Toland** and C. Eastman. "An Information Retrieval System to Manage Program Maintenance Reports in a Data Processing Shop," *38th Annual Association for Computing Machinery (ACM) Southeast Regional Conference*, Clemson, SC, April 7-8, 2000, pp. 81-87.

NON-REFEREED CONFERENCES AND WORKSHOPS PRESENTATION

- **T. Toland.** "A Simple XML Messaging Framework for Instruction," *Poster Session: 2010 NSF Minority Faculty Development Workshop*, Cambridge, MA, March 21 - 24, 2010.

- **T. Toland**, C. Farkas, and C. Eastman. "The Inference Problem: Maintaining Maximal Availability in the Presences of Database Updates," *Poster Session: Seventh Annual Future Faculty and Professionals Symposium (FFPS) in conjunction with The National Consortium for Graduate Degrees for Minorities in Engineering and Science Inc.'s (GEM Consortium) 2005 Annual Board Meeting*, Boston, MA, June 29 – July 1, 2005.
- **T. Toland** and C. Eastman. "Information Retrieval and Information Extraction Applications within a Data Processing Shop," *South Carolina Academy of Science (SCAS)*, Greenwood, SC, April 4, 1999 (Abstract Only).

RESEARCH IN PROGRESS

- **T. S. Toland**. "A Pedagogy for Teaching Cloud Computing in a Multidisciplinary Capstone Course," *The Annual ACM Southeast Conference Featuring Multidisciplinary and Interdisciplinary Computing*, submitted and not accepted 2017, under revision.
- **T. Toland**, C. Farkas, and C. Eastman. "An Interval-based Inference Solution," under revision 2016
- **T. S. Toland**, C. Farkas, C. M. Eastman. "Privacy Collaborator: Preventing the Disclosure of Private Information in the Presence of Web Mining," Query Log Analysis: Social and Technological Challenges, A workshop at the 16th International World Wide Web Conference, submitted and not accepted 2007, under revision.

GRANTS SUBMITTED

- Request: Sabbatical
Proposal Title: "Interval-based Solution to the Inference Framework"
Status: Funded
Period: **Fall 2015**

GRADUATE SCHOOL EXPERIENCE

- **Research Assistant**, Center for Information Assurance Engineering (CIAE), University of South Carolina, **Spring 2002 – Spring 2003**
- **Teaching Assistant-Grader**, Computer Science and Engineering, University of South Carolina, (CSCE 350: Data Structures and Algorithms), **Spring 2003**
- **Teaching Assistant-Grader**, Computer Science and Engineering, University of South Carolina, (CSCE 725: Information Retrieval), **Spring 2002**
- **Teaching Assistant**, Computer Science and Engineering, **Fall 2001**

- **Lab Monitor**, Computer Science and Engineering, **Fall 2001**
- **Teaching Assistant-Instructor**, Computer Science and Engineering, University of South Carolina, (CSCE 101: Introduction to Computer Concepts), **Summer I 2001**
- **Teaching Assistant-Grader**, Computer Science and Engineering, University of South Carolina, (CSCE 245: Object-Oriented Programming Techniques), **Spring 2001**
- **Teaching Assistant-Grader**, Computer Science and Engineering, University of South Carolina, (CSCE 350: Data Structures and Algorithms), **Fall 2000**

PROFESSIONAL SERVICES

- **Reviewer**, Computer and Network Security Essentials Book, **2017** (1 chapter)
- **Session Chair**, The 15th International Conference on Information & Knowledge Engineering, IKE'16. July 25-28, **2016**, Las Vegas, USA
- **Dissertation Editor**, Richardson, Susan (2015). Managing the Access and Release of Health Information as Health Information Exchange Initiatives Evolve: A Qualitative Study. D.H.A. dissertation, University of Phoenix, ProQuest Dissertations Publishing. (Publication No. 3734398), **2015**
- **Reviewer**, Journal of Information Security and Applications, **2014** (1 journal)
- **Judge**, "Student Research Presentations," Association of Computer And Information Science/Engineering Departments at Minority Institutions (ADMI) 2011, Clemson, SC, April 14 – 16, **2011**
- **Reviewer**, National Science Foundation (NSF) Transforming Undergraduate Education in Science, Technology, Engineering, and Mathematics (TUES) Panel Meeting, July 29-30, **2010**
- **Session Chair**, The Association for Computing Machinery (ACM) Southeast Conference, **2008** (2 tracks)
- **Reviewer**, The Association for Computing Machinery (ACM) Southeast Conference, **2007** (4 papers), **2008** (7 papers), **2010** (5 papers)
- **Committee Member**, The First Computer Security Conference (CSC), Myrtle Beach, SC, April 12 - 13, **2007**
- **Reviewer**, "Creative Activities, Research, and Scholarship Proposals," The Center of Undergraduate Research & Scholarship, University of South Carolina Upstate, **2005** (3 proposals)
- **Reviewer**, Journal of Database Management, **2004** (1 journal)

PROFESSIONAL AFFILIATIONS

- **Member**, Association for Computing Machinery (ACM) National Chapter
- **Member**, Institute of Electrical and Electronics Engineers, Inc. (IEEE) National Chapter

- **Member**, The International Federation of Information Processing (IFIP) Working Group (WG) 11.3 on Database and Application Security

HONORS AND AWARDS

- **Recipient**, Legends of Highland, Highland Neighborhood Association, **2017**
- **Recipient**, Doc's List Award for exemplary service to Students, University of South Carolina Upstate, **2007**
- **First African-American** to be awarded a Ph.D. in Computer Science, University of South Carolina, **2005**
- **Second Place**, University of South Carolina Graduate Student Day, **2002**
- Selected by Computer Science and Engineering Department to present research at University of South Carolina Graduate Student Day, **2002**
- **Fellow**, Graduate Assistance in the Area of National Need (GAANN) Fellowship, University of South Carolina, **2000 – 2003**
- **Second Place**, Student Paper Competition, *In the Proceedings of the 38th Annual Association for Computing Machinery (ACM) Southeast Regional Conference*, Clemson, SC, **2000**
- **Recipient**, Outstanding Alumnus for the School of Humanities & Sciences, University of South Carolina Upstate, **1994**
- **Recipient**, Earl Gordon Medal of Honor, **1990**

SERVICE

DEPARTMENT OF INFORMATICS

- **Chair**, Peer Review Committee, Department of Informatics, **2013 – 2017**
- **Advisor**, Department of Informatics Majors, **2003 – present**
 - **Spring 2017**, 20 **Fall 2016**, Sabbatical
 - **Spring 2016**, 20 **Fall 2015**, 20
 - **Spring 2015**, 24 **Fall 2014**, 24
 - **Spring 2014**, 24 **Fall 2013**, 24
 - **Spring 2013**, 34 **Fall 2012**, 34
 - **TST: Need to add other semester . . .**
- **Chair**, Instructor of Informatics Search Committee, Department of Informatics, **Spring 2017**
- **Member**, Instructor of Informatics Search Committee, Department of Informatics, **Spring 2016**
- **Member**, Assistant Professor of Informatics Search Committee, Department of Informatics, **Spring 2016**
- **Chair**, Program Director of Health Information Management Search Committee, Department of Informatics, **Spring 2014**
- **Chair**, Program Instructor of Health Informatics Search Committee, Department of Informatics, **Spring 2014**

- **Member**, Assistant Professor of Informatics Search Committee, Department of Informatics, **Spring 2014**
- **Chair**, Assistant Professor of Informatics Search Committee, Department of Informatics, **Spring 2013**
- **Panel Coordinator and Moderator**, “Facing the Challenges of Finding a Job in the Current Economy,” **Fall 2009, Fall 2010**
- **Member**, Director of Health Information Management (HIM)/Instructor Search Committee, Department of Informatics, **Summer 2010**
- **Member**, Director of Health Information Management (HIM)/Instructor Search Committee, Department of Informatics, **Fall 2006**
- **Chair**, Director of Health Information Management (HIM)/Assistant Professor of Informatics Search Committee, Department of Informatics, **Spring 2006**
- **Member**, Assistant Professor of Informatics Search Committee, Department of Informatics, **Spring 2005**
- **Member**, Instructor of Informatics Search Committee, Department of Informatics, **Spring 2004**

COLLEGE OF ARTS AND SCIENCES

- **Member**, Peer Review Committee, Department of Mathematics and Computer Science, **2013 – 2014**
- **Member**, Academic Grievance Panel, College of Arts and Sciences, **2009**

USC UPSTATE

- **Member**, Graduate, **2017 – present**
- **Member**, USC Upstate Computer Science Advisory Board, **2016 – present**
- **Member**, Faculty Senate, **2014 – 2017**
- **Member**, Faculty Advisory Committee, **2014 – 2017**
- **Panel Member**, “Faculty Chat,” Opportunity Network program, **2016**
- **Member**, Faculty Salary Advisory Committee, **2016 – 2017**
- **Member**, Instructor of Business Law Search Committee, Johnson College of Business and Economics, **2017**
- **Member**, Assistant Director Counseling Services, Counseling Services, **Summer 2016**
- **Member**, Instructor of Psychology, Department of Psychology, **Summer 2016**
- **Member**, Instructor of Mathematics and Director of Mathematics and Computer Science Tutoring Labs, Division of Mathematics & Computer Science, **Summer 2016**
- **Member**, Assistant Professor of Criminal Justice, Department of Sociology, Criminal Justice & Women's Studies, **Spring 2016**
- **Evaluator**, Senior Seminar Final Papers, Interdisciplinary Studies (IDS), **Fall 2015**
- **Participant**, 7th Annual Teen Health Expo, USC Upstate Greenville Campus, **October 20, 2015**

- **Panel Member**, “High School to College Transition,” Opportunity Network program, **2015**
- **Presenter**, “Introducing Faculty of Color,” University 101, November 3, **2015**
- **Member**, Director of Distance Education Search Committee, Department of Informatics, **Fall 2014**
- **Member**, Tenure-Track Assistant or Associate Professors of Management Search Committee, Johnson College of Business and Economics, **2013 - 2014**
- **Member**, Peer Review Committee, Mathematics and Computer Science, **2013 – 2014**
- **Member**, University Focus Groups, **2013 - 2014**
- **Presenter**, AGOGE Becoming a Spartan, August 21 **2013**
- **Member**, Parking Appeals Committee, **2012 - 2014**
- **Member**, General Education Committee, **2011 – 2014**
- **Chair**, General Education Competency Assessment Team (CAT 5) for Information Technology Literacy, **2011 – 2014**
- **Member**, Executive Academic Affairs Committee, **2008 – 2011**
- **Member**, Housing Appeals Committee, **2009 - 2010**
- **Member**, Dean Search Committee, Mary Black School of Nursing, **2009 - 2010**
- **Member**, Director of Alumni Relations, Annual Giving, and University Events Search Committee, **2009**
- **Member**, External Review Task Force, **2008 - 2009**
- **Advisor**, Office of Academic Advising for Undeclared Majors, **2006 – 2008**
- **Advisor**, African American Association (AAA), **2006 – 2007**
- **Member**, Faculty Senate, **2005 – 2008**
- **Member**, Faculty Advisory Committee, **2005 - 2008**
- **Entertainment Coordinator**, Opportunity Network program, **2005**
- **Member**, Police Chief Search Committee, **2004**

COMMUNITY SERVICES

- **PANEL PARTICIPATION**
 - **Panelist**, “Academia vs. Industry,” 2nd National Society of Blacks in Computing (NSBC) Conference, Atlanta, GA, June 1, 2017 - June 3, 2017
 - **Panelist**, “Getting Ready for Advanced Degrees Lab (GRAD Lab),” co-sponsored by the National Consortium for Graduate Degrees for Minorities in Engineering and Science, Inc. (*GEM Consortium*) and the Computer Science and Engineering Department at the University of South Carolina, Columbia, SC, April 21, 2007.
 - **Panelist**, “Graduate Student Forum,” 8th Annual Science & Engineering Research Conference, South Carolina Alliance for Minority Participation (SCAMP), University of South Carolina, Columbia, SC, August 2002.
 - **Panelist**, “Excelling in Graduate School,” *TRIO/Ronald E. McNair Post-Baccalaureate Achieve Program*, University of South Carolina, Columbia, SC, June 2001.

- **COMMUNITY OUTREACH**

- **Board Member**, Highland Community Development Corporation, **2014 - present**
- **Participant**, Career Day, St. Andrews Middle School, Columbia, SC, **May 20, 2015**
- **Judge**, Piedmont Region III Science Fair, Spartanburg, SC, **2006, 2013, 2015, 2016, 2017**
- **Database Consultant**, Upstate Forever, Spartanburg, SC, **2012**
- **Keynote Speaker**, Graduation Day Program, "United House of Prayer for All People", Spartanburg, SC, **May 2012**
- **Judge**, Annual Biomedical Research Conference for Minority Students (ABRCMS) 2011, St. Louis, MO, November 9 – 12, **2011**
- **Participant**, College Day, McCracken Junior High School, Spartanburg, SC, **2008**
- **Instructor**, Basic Computer Skills, Spartanburg Housing Authority, Spartanburg, SC, **2007 – 2009**
- **Instructor**, Mastering Excel, Spartanburg Housing Authority, Spartanburg, SC, **2007 – 2009**
- **Participant**, College, Career and Health Fair, Piney Grove Baptist Church, Cowpens, SC, **2007**
- **Presenter**, Research Methods in Computing, University of South Carolina, Columbia, SC, **2006**
- **Presenter**, Benefits of Computer Literacy Skills, Resident Meeting for Spartanburg Housing Authority, Spartanburg, SC, **December 5, 2006**
- **Presenter**, Obtaining a Successful Career, Urban League, Spartanburg, SC, **July 25, 2006**
- **Presenter**, Challenges of Being Accepted into Graduate School, Graduate (Grad) School Preparation (Prep) Workshop, University of South Carolina Upstate, Spartanburg, SC, **2006**
- **Special Awards Judge**, Piedmont Region III Science Fair, Spartanburg, SC, **2006**
- **Judge**, South Carolina Academy of Science (SCAS), Columbia, SC, **2006**
- **Keynote Speaker**, "Sixth Annual Banquet: Celebration of Education," Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP), University of South Carolina Upstate, Spartanburg, SC, **August 2005**

- **INVITED MUSICAL ENGAGEMENTS**

- **Piano Accompanist**, "Annual Mother's Day Concert," Monks Grove Baptist Church, Monks Grove, SC, **2004 – 2008, 2010, 2011, 2015, 2017**
- **Piano Accompanist**, "Lebanon's Women Auxiliary," Lebanon Presbyterian Church, USA, Ridgeway, SC, **February 21, 2015**

- **Director and Piano Accompanist**, “A New Year’s Eve Celebration in Word and Song,” Foster’s Grove Baptist Church, Chesnee, SC, **2009, 2010, 2011, 2014**
- **Piano Accompanist**, “The Bailey Newcomers 39th Anniversary Celebration,” United House of Prayer for all People, Spartanburg, SC, May 11, **2013**
- **Piano Accompanist**, “135th Anniversary,” Garrison Chapel Baptist Church, Tryon, NC, **October 6 - 7, 2012**
- **Piano Accompanist**, “African-American Awareness Club Program,” Dorman High School, Spartanburg, SC, **2011**
- **Director and Piano Accompanist**, “Sounds of Mass Voices Annual New Year’s Concert,” Spartanburg, SC, **2007, 2008, 2009, 2010, 2011**
- **Piano Accompanist**, “Pastor Installation Service,” Macedonia Missionary Baptist, Spartanburg, SC, **2010**
- **Piano Accompanist**, “Hat Program,” Lebanon Presbyterian Church, USA, Ridgeway, SC, **2010**
- **Piano Accompanist**, “Family Day”, Lebanon Presbyterian Church, USA, Ridgeway, SC, **2009**
- **Piano Accompanist**, “Youth Choir Anniversary,” Mountain View Baptist Church, Greenville, SC, **2009**
- **Piano Accompanist**, “Most Memorable Songs Recording,” Monks Grove Baptist Church, Monks Grove, SC, **2004**