

CYNTHIA Y. LESTER, PH.D.

678.891.3290 (office) • clester6@gsu.edu

EDUCATION

Doctor of Philosophy, Interdisciplinary Computer Science and Human Computer Interaction.

The University of Alabama, Tuscaloosa, AL

Major Concentration – Human Computer Interaction

Dissertation: - *The Influence of Vicarious Learning on Computer Self-efficacy and Computing Performance*

Master of Science, Computer Science.

The University of Alabama, Tuscaloosa, AL

Major Concentration - Software Engineering

Thesis: - *A Descriptive Study of the Software Development Practices of Novice Programmers*

Bachelor of Science, Cum Laude, Computer Science.

Prairie View A&M University, Prairie View, TX

ADMINISTRATIVE APPOINTMENTS

Associate Dean, Math, Computer Science & Engineering and the Clarkston Campus, *Georgia State University, Perimeter College, July 2018 – present*

Responsibilities are to provide leadership to the MCSE Division, the associated disciplines and the campus. Primary responsibilities are to supervise, advocate for and evaluate department chairs and to provide oversight of the department chair's evaluation of faculty. Additional responsibilities include working with the department chairs, associate chairs, and faculty in the MCSE Division to manage the division's resources and provide budgetary oversight. Serve as the liaison between Perimeter College and external organizations and work with the Vice Provost and Dean, University Research Services Administration (URSA) and the college and university development offices to promote positive community relations, support enrollment growth, and participate or lead community initiatives to obtain external funding.

As the Clarkston campus associate dean, responsibilities include ensuring appropriate planning, cooperation, and execution of all policies, practices and initiatives with other functional leaders to include Public Safety, Student Affairs, and Plant Operations.

Department Chair, Computer Science & Engineering, Georgia State University, Perimeter College
July 2016 – June 2018

Responsibilities included providing leadership to the associate chairs, faculty and staff of Perimeter College's Department of Computer Science and Engineering. More specifically, providing oversight, coordination and development of curriculum matters, quality of instruction, budget management, enrollment management, course assessment, faculty recruitment and evaluation and efficient scheduling and classroom utilization; providing supervision for associate chairs and to manage campus specific related matters; working in consultation with the Associate Dean to manage and control budget and spending; working in consultation with senior administration to carry out the goals of Perimeter College and those of the Mathematics, Computer Science and Engineering Division.

Executive Director, STEM Initiatives, Georgia State University, Perimeter College (*Georgia Perimeter College*)
January 2012 – June 2016

Initial responsibilities included developing the vision and establishing the Office of STEM Initiatives inclusive of a strategic plan. Professional responsibilities as Executive Director include providing college-wide leadership for all STEM-related activities for Perimeter College's 3000+ STEM majors and co-curricular programming across its five Atlanta-metro campuses as well as online, which impacts over 22,000 students; working closely with STEM Deans and faculty, internal and external project evaluators and project directors from various externally funded STEM initiatives to increase student access and success; establishing external partnerships and developing programs that increase STEM literacy for Perimeter College's outreach community; creating budgets and reports ensuring college and USG compliance; serving as member of VPAA's Academic Team; chairing the STEM Advisory Council.

Liaison, Computer Science Program, Georgia State University, Perimeter College (*Georgia Perimeter College*)
Fall 2015 - present

Responsibilities include working with colleagues to develop a 3-year plan of study for computer science majors; ensuring that curricula changes meet the approval of the faculty senate and the USG Academic Committee for Computing Disciplines; supervising the development of teaching guides for new courses; serving as the program's academic officer on the Associate Dean's executive team.

Coordinator, Feeder Program in Computer Science (FPICS), Tuskegee University
1999-2000

Provided oversight for the implementation and daily operations of this externally-funded program that introduced computer science to high school students. Responsibilities included coordinating the application and selection process for 60 highly qualified 10th, 11th, and 12th grade students from an applicant pool of 1600; organizing academic schedules, social activities, opening sessions and closing banquets; creating and managing the budget; creating end-of-program reports for Department Head and external funding agency; and, serving as an instructor teaching computer literacy, HTML, and Introduction to C++ to each grade level.

ACADEMIC APPOINTMENTS

Associate Professor, Division of Math, Computer Science and Engineering, Georgia State University, Perimeter College; *January 2012 – present.*

Associate Professor, Department of Computer Science, Tuskegee University; *October 2010 – December 2011.*

Assistant Professor, Department of Computer Science, Tuskegee University; *January 2005 – September 2010.*

Graduate Teaching Assistant, Department of Computer Science, University of Alabama; *January 2001 – December 2004.*

Instructor, Department of Computer Science, Tuskegee University; *August 1998 – December 2000.*

Graduate Teaching Assistant, Department of Computer Science, University of Alabama; *Fall 1996.*

COURSES TAUGHT

- C++ for Engineers
- Ethical and Social Issues in Computing
- FORTRAN Programming
- Human Computer Interface
- Introduction to Computer Concepts
- Introduction to Computer Programming
- Introduction to Computer Science
- Software Engineering
- Visual BASIC

COURSES DEVELOPED AND INTRODUCED

- Ethical and Social Issues in Computing
- Human Computer Interface
- Software Security

PROFESSIONAL EXPERIENCE

Midrange Server Specialist, IBM, New Orleans, LA; *1997 - 1998*

Front End Planner Intern, Lucent Technologies, Naperville, IL; *Summer 1995*

Software Developer & Tester Intern, Lucent Technologies, Naperville, IL; *Summer 1994*

NASA Student Researcher, Department of Computer Science, Prairie View A&M University; *1993 -1994*

Computer Specialist Consultant Intern, Federal Aviation Administration, Atlanta, GA, *Summer 1993*

TECHNICAL AND RESEARCH SKILLS

- Strong knowledge of user interface design principles and various software development methodologies
- Strong knowledge of Ada, C, C++, FORTRAN, Java, Lisp, Pascal and Visual BASIC programming languages
- Strong knowledge of SPSS

- Skilled in AIX; Linux; Microsoft OS environments; and, Sun OS operating systems
- Working knowledge of Microsoft Visual Studio and Microsoft .NET
- Worked with HTML, JavaScript, Microsoft FrontPage, and Macromedia Dreamweaver to prepare Web pages and Web documents; Skilled user of Corel WordPerfect Office and Microsoft Office Suite
- Developed materials for various on-line courses including those used by the Alabama Online High School; skilled user of Blackboard, WebCT and Desire 2 Learn

PUBLICATIONS AND PAPERS

Books and Book Chapters

- Lester, C. The influence of vicarious learning on computer self-efficacy and computing performance. Ph.D. dissertation, UMI Company, 2005. Copyrighted by the United States Copyright Office – Registration Number TX 6-133-310.
- Lester, C. Advancing the multidisciplinary nature of HCI in an undergraduate course. *Advances in Human Computer Interaction*. ISBN 978-953-7619-15-2. 2008.

Magazine Articles

- Lester, C. *IATAC Spotlight on Education - Tuskegee University, a Historically Black College and University*. IANewsletter. Vol 11. No.1 Spring 2008.
- Lester, C. *IATAC Spotlight on Faculty- IATAC SME Program*. IANewsletter. Vol 11. No.1 Spring 2008.

Refereed Publications

- Lester, Cynthia. *Best Practices in a Redesigned Online Computer Ethics Course*. Proceedings of the Tenth International Conference on Mobile, Hybrid, and On-line Learning. 2018. ISBN: 978-1-61208-619-4
- Leggett- Robinson, P., C. Lester, B. Villa, and N. Davis. *Investigating 2-year STEM Student Motivation for Participating in Undergraduate Research*. Proceedings of the 2018 ASEE Southeastern Conference. 2018.
- Leggett- Robinson, P., C. Lester, B. Villa, and N. Davis. *Increasing College Opportunity in STEM Education through High School Visitation Day at the Two-Year College*. Proceedings of the ASEE Zone II Conference. 2017.
- Lester, C and O. Omojaro. *Engaging CS Students in Undergraduate Co-Curricular Research*. Proceedings of the 26th International Conference on Frontiers in Education: Computer Science and Computer Engineering. 2016. ISBN: 1-60132-435-9.
- Lester, C. *Developing a Computer Ethics Course for Online Learners*. Proceedings of the Seventh International Conference on Mobile, Hybrid, and On-line Learning. 2015.
- Lester, C. *Mitigating the STEM Crisis through Enhanced Online Learning*. Proceedings of the Sixth International Conference on Mobile, Hybrid, and On-line Learning. 2014.
- Lester, C. *Designing a Hybrid Breadth-first CSI Course*. Proceedings of the Fifth International Conference on Mobile, Hybrid, and On-line Learning. 2013.
- Lester, C. *Developing a Human Computer Interaction Course for an Information Technology Major*. Proceedings of the International Conference on Advances in Computer-Human Interaction. 2012.
- Lester, C. *Combining agile methods and user-centered design to create a unique user experience: An empirical inquiry*. Proceedings of the International Conference on Advances in Computer-Human Interaction. 2011. ISBN: 978-1-61208-117-5.
- Lester, C. *Putting Theory into Practice: The Results of a Practical Implementation of the Secure Software Development Life Cycle*. International Journal on Advances in Security, 2010, vol. 4, no 1&2.
- Lester C. *Shifting the Paradigm: Training Undergraduate Students in Software Security*. Proceedings of the International Conference on Emerging Security Information, Systems and Technologies. IEEE Computer Society Press. 2010. ISBN-13: 978-0-7695-4095-5.
- Lester, C. *A practical application of software security in an undergraduate software engineering course*. International Journal of Computer Science Issues, Vol. 7, Issue 1, 2010.

- Lester, C. *Training undergraduate students in user-centered design*. Proceedings of the International Conference on Advances in Computer-Human Interaction. IEEE Computer Society Press. 2010.
- Lester, C. and F. Jamerson. *Designing an undergraduate software engineering project to include software security concepts*. Proceedings of the 2009 International Conference on Software Engineering Research and Practice. Las Vegas, NV, July 13 -16.
- Lester, C. and F. Jamerson. *Incorporating software security into an undergraduate software engineering course*. Proceedings of the International Conference on Secureware. IEEE Computer Society Press. 2009. ISBN 978-0-7695-3668-2.
- Lester, C. *Training and educating undergraduate students in the discipline of HCI*. Proceedings of the International Conference on Advances in Computer-Human Interaction. IEEE Computer Society Press. 2009.
- Lester, C. *An innovative approach to teaching an undergraduate software engineering course*. Proceedings of the International Conference on Software Engineering Advances. IEEE Computer Society Press. 2008.
- Lester, C. and F. Jamerson. *Designing an Undergraduate Software Security Course*. Proceedings of the International Conference on Secureware. IEEE Computer Society Press. 2008.
- Lester, C., H. Narang and C.H. Chen. *Infusing Information Assurance into an Undergraduate Curriculum*. Proceedings of the International Conference on Secureware. IEEE Computer Society Press. 2008.
- Lester, C. *Advancing the Multidisciplinary Nature of Human Computer Interaction in a Newly Developed Undergraduate Course*. Proceedings of the International Conference on Advances in Computer-Human Interaction. IEEE Computer Society Press. 2008.
- Lester, C. *Encouraging Teamwork in an Undergraduate Software Engineering Course*. Proceedings of the International Conference on Software Engineering Advances. IEEE Computer Society Press. 2007.
- Lester, C. *Growing the pipeline: Restructuring an introductory computer programming course*. Proceedings of the 6th IEEE/ACIS International Conference on Computer and Information Science. IEEE Computer Society Press. 2007.
- Lester, C. *Growing the pipeline: The Influence of collaborative learning*. Proceedings of the 2007 International Conference on Frontiers in Education: Computer Science and Computer Engineering. Las Vegas, NV, June 25 -29.
- Lester, C. *The Boy Crisis and the Technology Gender Gap: Laying a Framework for Success*. Proceedings of the 2006 International Conference on Frontiers in Education: Computer Science and Computer Engineering. Las Vegas, NV, June 25 -29.
- Lester, C. *Combating the decline: A tool to influence student perception and performance*. Proceedings of the 2005 International Conference on Frontiers in Education: Computer Science and Computer Engineering. Las Vegas, NV, June 20 -23.
- Lester, C. and M. Brown. 2004. *Creating gender parity: An instruction aide's influence*. ACM Journal of Educational Resources in Computing 4, no. 1.
- Lester, C and M. Brown 2004. *Women and Technology: The next step in bridging the divide*. Proceedings of the 2004 International Conference on Pervasive Computing and Communication, Las Vegas, NV, June 21 - 24, 2004.
- Parrish, A., C. Lester, D. Cordes and D. Moore. 1997. *Assessing Computer Usage Patterns in a Software Development Course*. SIGCSE Bulletin.
- Parrish, A., D. Cordes, C. Lester, and D. Moore. 1996. *Active Learning and Process Assessment: Two Experiments in an Ada-Based Software Engineering Course*. Proceedings of Tri-Ada 1996.

Unrefereed Publications

- Lester, C. and M. Brown. 2004. *Using CAPS to influence computing performance and perceptions*. Southern Association for Institutional Research Annual Conference, Biloxi, MS, October 16 - 19, 2004.
- Lester, C. and M. Brown. 2004. *Proposing CAPS as a Link in the Bridge across the Divide*. Proceedings of the 2004 Grace Hopper Celebration of Women in Computing conference, Chicago, IL, October 6 - 9, 2004.
- Terry, C., P. Maller, M. Brown, and C. Lester. 2002. *Laying a Theoretical Foundation for Exploring IT Usage Behavior*. Proceedings of the 40th Annual Southeast ACM Conference, Raleigh, NC.
- Lester, C., A. Parrish, D. Cordes, and D. Moore. 1996. *Empirical Evaluation of Novice Object-Oriented Programmers*. Proceedings of the 34th Annual Southeast Conference of the ACM, Tuskegee, AL.

GRANTS AND EXTERNAL FUNDING

- Chevron Corporation, Pipeline Grant with Georgia Tech, Perimeter College Lead, 2018, \$25,000.
- AT&T Aspire Grant, PI, 2018, \$25,000.
- State Farm, STEM Innovation Grant, Lead, 2017 – present, \$50,000.
- University System of Georgia STEM Education Improvement Plan, Georgia State University, Co-PI, 2016-present, \$179,000.
- Georgia State University, Perimeter College (Georgia Perimeter College) Technology Grant, PI, 2015-2016. \$117,000.
- Georgia State University, Perimeter College (Georgia Perimeter College) Technology Grant, PI, 2015-2016. \$13,149.
- Georgia State University, Perimeter College (Georgia Perimeter College) Technology Grant, Co-PI, 2015-2016. \$160,000.
- University System of Georgia Complete College Georgia Innovation Grant, PI, 2015-2016, \$25,000.
- Fitzgerald Foundation, Team Lead, 2013 – 2017, \$1M.
- University System of Georgia STEM Initiative II, PI, 2012-2016, \$200,000. (*per year*).
- U.S. Department of Homeland Security, Command, Control, and Interoperability Center for Advanced Data Analysis, Project Coordinator, 2010, \$22,000.
- National Science Foundation, HBCU-UP Grant, *ACE: Academic Curriculum Enhancement*, Team Lead, 2009, \$1.2M.
- National Security Agency, Course Development for Information Assurance, Co-PI, 2007, \$179,379.
- UNCF Mellon Faculty Teaching and Learning Mini-Grant Award, Co-PI, 2007, \$30,000.
- National Science Foundation (Research Infrastructure in Materials Science and Engineering) Researcher, 2006, \$50,000.

CONFERENCE PRESENTATIONS

- Technical Poster – ACM 50th Special Interest Group in Computer Science Education (SIGCSE) Conference, Minneapolis, MN, 2019.
- Paper - Tenth International Conference on Mobile, Hybrid, and On-line Learning, Rome, Italy, 2018.
- Paper – ASEE Zone II Conference, San Juan, Puerto, Rico, 2017.
- Paper – Frontiers in Education: Computer Science and Computer Engineering, Las Vegas, NV, 2016.
- Technical Poster – AACU PKAL Crossing Boundaries: Transforming STEM Education, Seattle, WA, 2015.
- Technical Poster - Grace Hopper Celebration for Women in Computing, Houston, TX, 2015.
- Paper - The Fifth International Conference on Mobile, Hybrid, and On-line Learning, Nice, France. 2013.
- Paper - International Conference on Advances in Computer-Human Interaction, Valencia, Spain 2012.
- Paper - International Conference on Advances in Computer-Human Interaction, Guadeloupe 2011.
- Paper - International Conference on Emerging Security Information, Systems and Technologies, Italy 2010.
- Paper - International Conference on Advances in Computer-Human Interaction, St. Marteen, 2010.
- Technical Poster - Grace Hopper Celebration for Women in Computing, Tucson, AZ, 2009.
- Paper - International Conference on Software Engineering Research and Practice, Las Vegas, NV, 2009.
- Paper - International Conference on Emerging Security Information, Systems and Technologies, Greece 2009.
- Paper - International Conference on Advances in Computer-Human Interaction, Mexico 2009.
- Technical Poster - Grace Hopper Celebration for Women in Computing, Keystone, CO, 2008.
- Paper- International Conference on Emerging Security Information, Systems and Technologies, France 2008.
- Paper - International Conference on Advances in Computer-Human Interaction, Martinique 2008.
- Paper - International Conference on Software Engineering Advances, France 2007.
- Paper - International Conference on Computer and Information Science, Australia 2007.
- Poster - International Conference on Teaching and Learning, Ponte Vedra Beach, FL, 2007.
- Poster - HBCU-UP Conference, Tuskegee, AL, 2007.
- Paper - Frontiers in Computer Science and Computer Engineering, Las Vegas, NV, 2006.
- Paper - International Multi-Conference in Computer Science and Engineering, Las Vegas, NV, 2005.
- Technical Poster-International Multi-Conference in Computer Science & Engineering, Las Vegas, NV, 2004.
- Ph.D. Forum - Grace Hopper Celebration for Women in Computing, Chicago, IL, 2004.
- Poster - Grace Hopper Celebration for Women in Computing, Chicago, IL, 2004.
- Paper - Southern Association for Institutional Research, Biloxi, MS, 2004.

SPECIALIZED CONFERENCE/WORKSHOP ATTENDANCE

- IAspire Leadership Academy Fellow, Inaugural Cohort, Class of 2019-2020.
- Governors State University Summer Institute on Student Success, Chicago, IL, June 2019.
- National Society of Black Engineers (NSBE) Dean's Symposium, 2019 NSBE Conference, Detroit, MI, 2019
- Kaleidoscope Leadership Institute, Fall 2015 Class.
- Georgia Partnership for Excellence in Education Policy Fellow, Class of 2015-2016.
- Privacy in a Networked World, CCICAD/Dept. of Homeland Security, Rutgers University, June 15-22, 2011.
- NSF STEM Women of Color Conclave, Washington, DC, June 5 - 6, 2010 (Travel grant award recipient).
- Kennedy Institute of Ethics, Intensive Bioethics Course, Georgetown University, June 5 - 9, 2006.

INVITED PRESENTATIONS AND PANEL DISCUSSIONS

Professional

- Co-Chair, Department Chairs Workshop - ACM SIGCSE 2021 and 2023 Conferences.
- Workshop Presenter –2018 STEM/STEAM & Education Conference, Hawaii University International Conferences, Waikiki, Honolulu, Hawaii, 2018.
- Round Table Discussion Leader – Association of Public & Land-grant Universities Network of STEM Education Centers, New Orleans, June 2017.
- Presenter – University System of Georgia, STEM Summit, Macon, GA, August 2016.
- Round Table Discussion Leader - Association of Public & Land-grant Universities, Science and Mathematics Teaching Imperative, San Antonio, TX, June 2016.
- Panelist - Women in Physics Conference, Georgia Institute of Technology, January 2016.
- Round Table Discussion Leader – STEMTech Conference, Phoenix, AZ, November 2015.
- Round Table Discussion Leader – Association of Public & Land-grant Universities, Science and Mathematics Teaching Imperative, New Orleans, LA, June 2015.
- Presenter - Georgia Scholarship of STEM Teaching and Learning, Statesboro, GA, March 2015.
- Presenter - Georgia Scholarship of STEM Teaching and Learning, Statesboro, GA, March 2014.
- Presenter - Georgia Scholarship of STEM Teaching and Learning, Statesboro, GA, March 2013.
- Round Table Discussion Leader– STEMTech Conference, Atlanta, GA, November 2013.
- Round Table Discussion Leader – STEMTech Conference, Kansas City, MO, November 2012.
- Moderator - Health Panel, Tuskegee University, March 2011.
- Guest Speaker - AgriTrek and REH Program, Tuskegee University, June 2010.
- Symposium Speaker - Alabama Academy of Science, Birmingham, AL, March 2008.
- Panelist - Grace Hopper Celebration for Women in Computing, San Diego, CA, October 2006.
- Panelist - Seminar on Graduate School Opportunities, Tuskegee University, November 2005.

Other

- Guest Presenter – Jack and Jill of America Inc., East Suburban Atlanta Chapter, April 2014.
- Keynote Speaker - Mu Alpha Theta Honor Society Induction, April 2012.
- Clinic Guest Presenter - Jack and Jill of America Inc., Tuskegee Chapter Debutant Cotillion, January 2010.
- Workshop Guest Presenter - Girl Scouts of America, Greenwood Troop, April 2008.
- Clinic Guest Presenter - Jack and Jill of America Inc., Tuskegee Chapter Debutant Cotillion, January 2008.

SYNERGISTIC ACTIVITIES - PROFESSIONAL

- Session Chair, Tenth International Conference on Mobile, Hybrid, and On-line Learning, Rome, Italy, 2018.
- Albert Einstein Distinguished Educator Fellowship Program Reviewer, 2017.
- Textbook Reviewer, John Wiley & Sons, Inc.
- Peer Paper Reviewer, International Journal on Advances in Software.
- Judge, Grace Hopper Celebration for Women in Computing Graduate Student Research Comp., October 2015.
- Technical Program Committee Member, International Conference on Mobile, Hybrid, and On-line Learning, Lisbon, Portugal, February 2015.
- Session Chair, International Conference on Advances in Computer-Human Interaction, Valencia Spain 2012.
- Technical Program Committee Member, International Conference on Mobile, Hybrid, and On-line Learning,

St. Maarten, Netherlands Antilles, February 2010.

- Session Chair, International Conference on Emerging Security Information, Systems and Technologies Glyfada/Athens, Greece, June 2009.
- Session Chair, International Conference on Advances in Computer-Human Interaction, Cancun, Mexico, February 2009.
- Technical Program Committee Member, International Conference on Software Engineering Advances, Sliema, Malta, October 2008.
- Program Chair, ACM Southeastern Conference, Auburn, AL, March 2008.
- Session Chair, International Conference on Advances in Computer-Human Interaction, Sainte Luce, Martinique, February 2008.
- Session 1 Chair, 6th International Conference on Computer and Information Science, Melbourne, Australia, July 2007.
- Session 4 Chair, Frontiers in Education in Computer Science and Computing Engineering, International Multi-Conference in Computer Science and Engineering, Las Vegas, NV, June 2007.
- Peer Paper Reviewer, International Conference on Computer Science and Engineering, Spring 2006.
- Peer Paper Reviewer, ACM Journal of Educational Computing Resources, Spring 2005.
- Session 4 Chair, Frontiers in Education in Computer Science and Computing Engineering, International Multi-Conference in Computer Science and Engineering, Las Vegas, NV, June 2005.

SYNERGISTIC ACTIVITIES – GEORGIA STATE UNIVERSITY PERIMETER COLLEGE

- Chair, Computer Science Curriculum Committee, 2017 - present.
- Chair, STEM Internal Advisory Council, 2013 - 2015.
- Co-Chair, Committee on Faculty Extra Compensation, 2014.
- Committee Member, Computer Science Working Group for GSU-GPC Consolidation, 2015.
- Committee Member, Computer Science Curriculum, 2012 - ongoing.
- Committee Member, Nursing Faculty Search, 2014.
- Committee Member, Foundation Scholarship Selection, 2013 - ongoing.
- Committee Member, Career Day Steering, 2012 – 2014.
- Faculty Research Advisor, STEM Talent Expansion Program (STEP), 2014 - ongoing.
- Scorer, Critical Thinking Assessment Test (CAT), 2013 - ongoing.
- Advisory Council Member, Jaguar Cheer and Dance Team, 2014 - 2015.
- Ask Me Volunteer, 2012 - ongoing.

SYNERGISTIC ACTIVITIES - TUSKEGEE UNIVERSITY

- Faculty Senate Vice Chair, 2010-2011.
- Department of Computer Science ABET Committee Chair, 2010-2011.
- HBCU-Undergraduate Programs Advisory Committee Member, 2009-2011.
- Minority Access to Research Careers (MARC) Steering Committee, 2009 – 2011.
- Office of Undergraduate Research (OUR) Faculty Steering Committee (FSC), 2008 – 2011.
- Program Chair, *Infusing Ethics Across the Academic Programs*, November 2007
- Quality Enhancement Plan (SACS QEP) Committee Member, 2007.
- Convocation and Special Awards Committee Member, 2007 – 2009.
- President's Essay Contest and Awards Program Liaison Committee Member, 2007
- College of Business and Information Science Faculty Representative, 2006 – 2011.
- Faculty Senate Executive Secretary, December 2006 – 2008.
- Bridge to the Doctorate Mentor, 2005 – 2011.
- Miss Tuskegee University Gala Mistress of Ceremony, 2010.
- Miss Tuskegee University Gala Mistress of Ceremony, 2008.
- Alpha Kappa Alpha Sorority, Incorporated Gamma Kappa Chapter Graduate Advisor, 2010 – 2011.
- Alpha Kappa Alpha Sorority, Incorporated Gamma Kappa Chapter Graduate Advisor, 2006 – 2008.

AWARDS, ACTIVITIES AND AFFILIATIONS

- Georgia Perimeter College Celebration of Excellence in Teamwork Award, 2015-2016.
- Technology Association of Georgia, STEM Post-secondary Outreach Award Finalist, 2015.
- Georgia Perimeter College Celebration of Excellence in Access and Capacity Award, 2014-2015.
- DeKalb Early College (DECA) Science Fair Judge, 2014.
- Tuskegee University College of Business and Information Science Distinguished Faculty Recognition 2011.
- Best Paper Award, *Shifting the Paradigm: Training Undergraduate Students in Software Security*. The International Conference on Emerging Security Information, Systems and Technologies, Venice/Mestre, Italy, 2010.
- The International Academy, Research and Industry Association Fellow 2010.
- Alpha Kappa Alpha Sorority, Inc., South Eastern Ernestine Holloway Graduate Advisor of the Year 2009.
- Best Paper Award, *Training and educating undergraduate students in the discipline of HCI*. The International Conference on Advances in Computer Human Interaction, Cancun, Mexico, February 2009.
- Tuskegee University College of Business and Information Science 2008 Faculty Service Award Recipient.
- Featured in 27th Edition Who's Who among American Women, 2008 - 2009.
- UNCF Andrew W. Mellon Campus Coordinator and Mentor, 2007 - 2011.
- The University of Alabama Computer Science Department Graduate Assistantship Recipient, 2001 - 2004.
- The University of Alabama Graduate School Future Faculty Fellowship Recipient, 2001 - 2003.
- Faculty search committee student representative (The University of Alabama Computer Science Department), 2003.
- Member of Sigma Xi Scientific Research Society.
- Member of the Association of Computing Machinery.
- Member of the American Society of Engineering Education.
- Member of the National Society of Black Engineers.