

Felicia Doswell
Norfolk State University
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EDUCATION

Ph.D., Computer Science, August 2005

Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA.

M.S., Computer Science, August 1991

Georgia Institute of Technology (Georgia Tech), Atlanta Georgia.

B.S., Computer Science, May 1990

Norfolk State University.

PROFESSIONAL EXPERIENCE

Computer Science Department – Norfolk State University - Norfolk, VA

Associate Professor, May 2012 - Present

Assistant Professor, August 2006 – May 2012,

Adjunct Instructor, January 2003 – May 2003

- Teach and develop courses for classroom instruction and online access using Blackboard. Courses Taught at Norfolk State University include the following:

Course Number	Course Name
CSC 170	Computer Programming I
CSC 170L	Computer Programming I Lab
CSC 260	Computer Programming II
CSC 260L	Computer Programming II
CSC 430	Data Communications
CSC 464	Operating Systems
CSC 470	Artificial Intelligence
CSC 477	Advanced Topics (Research Methods)
CSC 530	Data Communications
CSC 625	Algorithms Analysis

- Participate on University Committees: Member of Curriculum and Parking Appeals Committees
- Participate on department committees: Special Events and Activities (Chair), ACM Student Chapter (Co-Chair), Student Activities Committee, Applied Computing Curricula Committee, Recruitment, Retention (INSITE), Faculty Search, Graduate Program Committee.
- Assist undergraduate computer science students during office hours.
- Perform research in the computer science field necessary for scholarly publications and grant writing.
- Grade quizzes, assignments, programs and projects.
- Advise students in undergraduate research activities and master’s degree projects.

Computer Science Department – Virginia State University - Petersburg, VA

Assistant Professor

August 2004 – August 2006

- Teach Algorithms Analysis, Operating Systems, Computer Science for Teachers, and Senior Project Capstone courses.
- Develop courses for classroom instruction and online access using Blackboard.
- Aid in the ABET accreditation process and graduate program development efforts.

- Participate on various committees (Faculty Search - Chair, Curriculum, Book, and Evaluation committees).
- Assist undergraduate computer science students during office hours.
- Grade quizzes, assignments, programs and projects.
- Advise undergraduate research students in projects.

Computer Science Department - Virginia Tech - Blacksburg, VA
Instructor, Graduate Research Assistant, Graduate Teaching Assistant

May 1997 – May 2002

- Developed Proxy and Server software in Java and C Programming Language.
- Developed database tool for extracting common log data using Java and MySQL.
- Conducted research on issues in web caching, document cache consistency, HTTP protocol, network programming concepts and Internet bandwidth problems.
- Taught Programming Languages, Fundamentals of Microsoft Office and Internet Programming.
- Assisted in teaching various courses including Human Computer Interaction, C++, Introduction to Computer Science, and Fortran courses.
- Prepared course material and lectures.
- Created and maintained course Web pages.
- Graded quizzes, assignments, programs and projects.

Nortel - Research Triangle Park, NC
Software Engineer

September 1993 - August 1995

- Developed and maintained software using software development processes.
- Performed designer and integration testing of software for defects.
- Composed design and test documentation.
- Participated on inspection teams as reader and recorder for review and approval of documents and code.
- Performed software ownership tasks such as documentation, management and control of code modifications.

Tekelec - Morrisville, NC
Software Engineer

May 1992 - September 1993

- Participated in the development and maintenance of software products including a C and C++ library of Software Protection tools to be used in application code.
- Developed an interface to an On-line Help system.
- Utilized the FrameMaker tool to assist in composing design documentation.
- Performed acceptance testing to detect malfunctions, range errors, interface errors and inconsistency.

AT&T Bell Laboratories - Naperville, IL
Software Engineer

June 1990 - May 1992

- Modified code of several products, specifically software used to track product defects.
- Feature tested products that were involved in the Software Development Process.
 - Reviewed requirements, identified resources needed for testing, identified intra-feature and inter-feature requirements tests.
 - Assisted in the authoring of requirements and test plans, wrote and executed test scripts to verify correctness at the feature level.
 - Reviewed customer documentation, collected metrics, worked with System Verification, and participated in acceptance testing.
- Collected information from management using the interview process and group meetings.
- Documented software process improvements, and distributed results to management.

Technical Associate (Summer Internship)

June 1989 - August 1989, June 1988 - August 1988

- Researched the Documentation Support System (DSS), wrote documents that captured requirements for the system, and enumerated the benefits over a related system implemented at the time.

- Surveyed PC Hypertext Software for certain characteristics and used a suitable Software Package for implementing a New Employee Tutorial.
- Presented results of summer work to department members.

SCHOLARLY RESEARCH ACTIVITIES

Grant Awards:

- **F. Doswell**, PI, “Security and Privacy in Social Network Settings”, *NSU Stars/Massie Summer Research Grant*. June 1, 2014 – July 19, 2014.
- **F. Doswell**, Senior Personnel, “Cloud Computing Security Research Exploration”, *Massie Chair Research Grant*. September, Spring Semester 2013 – Present.
- **F. Doswell**, PI, “Secure Mobile Access to Cloud Computing Services”, *NSU Stars/Massie Summer Research Grant*. June 1, 2013 – July 19, 2013.
- **F. Doswell**, PI, “Incorporation of Security into a Mobile Ad Hoc Cloud Environment” *NSU Stars/Massie Summer Research Grant*. June 1, 2012 – July 19, 2012.
- **F. Doswell**, PI, “Investigation of Privacy and Security in Mobile Cloud Computing Environments” *PVAMU Advance-Paid Seed Grant*. June 1, 2011 – May 31, 2012.
- **F. Doswell**, PI, “Sustainability of Cloud Computing as a Green Computing Solution” *NSU Stars/Massie Summer Research Grant*. June 1, 2010 – July 19, 2011.
- **F. Doswell**, PI, “BPC-AE: Collaborative Research: The Alliance for the Advancement of African-American Researcher in Computing (A4RC)” *NSF-CNS 0940285*. September 1, 2009 – August 31, 2011.
- **F. Doswell**, PI, “The Effects of Cloud Computing on Location, Security and Privacy of Data” *NSU Stars Summer Research Grant*. June 1, 2010 – July 19, 2010.
- **F. Doswell**, PI, “Digital Forensics Project Exploration for Research and Course Implementation” *NSU Stars Summer Research Grant*. June 1, 2009 – July 19, 2009.
- **F. Doswell**, Senior Personnel, “BPC-AE: Collaborative Research: Alliance for the Advancement of African American Researchers in Computing” *NSF-CNS*. June 1, 2008 – August 31, 2009.
- **F. Doswell**, PI, “Enhancing Computer Security for the General Computer User Population” *NSU Stars Summer Research Grant*. June 1, 2007 – July 19, 2007.

Travel Awards (Proposal Required):

- **F. Doswell**, (In Collaboration with **J. Graham**), “Information Assurance Capacity Building Requirements for Norfolk State University”. Travel Grant and Award to attend Information Assurance Capacity Building Program II at Carnegie Mellon University. July 22, 2011 – July 25, 2011
- **F. Doswell**, (In Collaboration with **J. Graham**), “Information Assurance Capacity Building Requirements for Norfolk State University”. Travel Grant and Award to attend Information Assurance Capacity Building Program at Carnegie Mellon University. June 1, 2010 – July 19, 2010
- **F. Doswell**, “Information Privacy in Location Aware Environment”. Grant and Award to attend WISE Sponsored by the Team for Research in Ubiquitous Secure Technology (TRUST). Vanderbilt University. June 1, 2010 – July 19, 2010.

Book Chapters:

- **F. Doswell**, **H. Harley**, **T. Lewis**, **C. Seals**, and **Dr. G. Scales**. “Adapting to Life as a Graduate Student: Getting Up to Speed on Information Technology.” Published in *Student Guide to Graduate and Professional School Success*. 2000.
- **F. Doswell**. "Web-Related Careers". Chapter in *World Wide Web Beyond the Basics*. Prentice-Hall. 1998.

Journal Publications:

- **D. Scott McCrickard**, **Jeremy T. Barksdale**, and **Felicia Doswell**. "Understanding cool: An analytic exploration of contributing factors for teens." *PsychNology Journal* 10 (2), pp. 93-102. 2012.
- **W. Winchester**, **D. S. McCrickard**, **D. Hill**, **J. Blunt**, **T. Pugh**, **M. Monk**, **J. Kim**, and **P. Estabrooks**, **F. Doswell**. Defining and Exemplifying Culturally Empowered Design: Exploring Mobile Technologies in Health and Wellness in the African American Community. *Journal of Computer Technology and Applications*. 2012.

- R. Agarwal, F. Doswell, K. Klanton, C. Seals. Lifelong Learning: Becoming Computer Savvy at a Later Age. *Educational Gerontology*, Volume 34 Issue 12, 1055. December 2008.
- K. Clanton, F. Doswell, W. Moses, J. Nyagwencha, A. Martin, C. Seals, C. Thomas. Lifelong Learning: Seniors in Second Life Continuum. *Journal of Computer Science*, Volume 4 Issue 12, 1064-1070, 2008.

Peer Reviewed Conference/Workshop Publications:

- D. Harris and **F. Doswell**. Evaluating Social Networking Sites for Privacy Leaks Poster: Tapia 2015, Boston, MA. January 2015.
- D. Butts and **F. Doswell**. Design of a Comprehensive Tool to Decrease Public Access to Private Social Network Accounts. Poster: Tapia 2014, Seattle, WA. January 2014.
- T. Ezekwenna and **F. Doswell**. Design of a Learning Management System for a Mobile Cloud Environment.. Poster: Tapia 2014, Seattle, WA. January 2014.
- D. Butts and **F. Doswell**. Contradiction: Public Access to Private Accounts. Presentation Abstract WBHR-LSAMP Research Symposium, Bowie, MD. July 9, 2013.
- T. Ezekwenna and **F. Doswell**. Delivering Secure Education Content through a Mobile Cloud Environment Presentation Abstract WBHR-LSAMP Research Symposium, Bowie, MD. July 9, 2013.
- T. Fennell and **F. Doswell**. Design of a Residential Locking Solution using a Mobile Device. Poster ADMI 2013. April 2013.
- T. Brown, B. McClanahan and **F. Doswell**. Teaching Machine Learning in an Online Environment. Poster Abstract ADMI 2013. April 2013.
- C. Edmond, D. Piggott and **F. Doswell**. Development of a Mobile Device Application Promoting Physical Activity. Poster Abstract ADMI 2013. April 2013.
- D. Scott McCrickard, **F. Doswell**, J. Barksdale, and D. Piggott. "Understanding Cool in Computing for African American Youth". In *Workshop on Cool aX Continents, Cultures, and Communities* (part of CHI 2012), Austin TX, May 2012.
- **F. Doswell**, D. Piggot, D. Oladipupo. Investigation of Software Development in Secure Cloud Computing Environments". **2nd Place Paper Presentation**. *ADMI 2011*. Clemson, SC. April 2011.
- D. Hill, J. Blunt, T. Pugh, M. Monk, J. Kim, S. McCrickard, W. Winchester, P. Estabrooks, F. Doswell. "Mobile Technologies for Promoting Health and Wellness among African American Youth". *HCI International 2011*. Orlando FL, July 2011, pp. 36-45.
- D. Gracanin, S. McCrickard, A. Billingsley, R. Cooper, T. Gatling, E. Irvin-Williams, F. Osborne, **F. Doswell**, "Mobile Interfaces for Better Living: Supporting Awareness in a Smart Home Environment" *HCI International 2011*. Orlando FL, July 2011, 163-172.
- **F. Doswell**, J. Hernandez, "Senior Citizens Barriers to Computing", *GraceHopper 2010: Research Track*. October 2010.
- **F. Doswell**, L. Hayden, J. Powell" Mentoring Minority Undergraduates in their efforts to Implement a LAMP Documentation Server for a Condor-based Grid". Poster Abstract for *TeraGrid 2010*. August 2010.
- M. Brown, **F. Doswell**. Using Passtones Instead of Passwords. *ACMSE 2010*. April 2010.
- T. Ortiz and F. Doswell, "Laboratory Preparation for Forensic Analysis of Biometrically Enhanced Mobile Devices" *ADMI/A4RC Conference*. Jackson. Mississippi. April 2010.
- **F. Doswell**, T. Gatling, D. Gracanin, and E. Irvin-Williams and. LumenWæther Weather Information Service for LumenHaus. Poster Abstract Submitted ADMI 2010. **2nd Place Research Poster**. April 2010.
- A. Billingsley, R. Cooper, **F. Doswell**, D. Gracanin and F. Osborne. LumenCon: An Approach to Monitor and Control LumenHaus using iPhone. Poster Abstract Submitted to ADMI 2010. April 2010
- **F. Doswell**, D. McCrickard, and W. Winchester. Towards Culturally Empowered Design: Addressing African-American Health Disparities through Notification Interfaces. *CHI 2010 Wellness Informatics workshop*. Atlanta Georgia. April 2010.
- **F. Doswell**, T. Ortiz and F. Doswell, "Understanding Computer Security Knowledge and Usage among Novice Computer Users". *Poster Abstract for Tapia 2009*, Portland, Oregon, April 2009.
- C. Seals, K. Clanton , C. Thomas, R. Agarwal, A. Bolton and **F. Doswell**, "Lifelong Learning: Seniors in Second Life". *Poster Abstract for Tapia 2009*. Portland, Oregon, April 2009.

- **F. Doswell**, J. Hernandez, T. Humphries, "Talking Back to VBgov.com: Accessible Webpage Development for the Elderly Population using Speech Technology". *ACMSE 2009*. Clemson, South Carolina. March 2009.
- **F. Doswell**, "Learning Computer Networking through Summer Research Experience" *EISTA 2008*. Orlando, Florida. June 2008.
- **F. Doswell**, "Engaging Undergraduate Students in Information Assurance Research" *ADMI 2008*. Virginia Beach, Virginia. March 2008.
- **F. Doswell**, "A Case Study on Computer Security for Non-Expert Computer User" *ACMSE 2008*. Auburn, Alabama. February 2008.
- **F. Doswell** and S. Midkiff, "A Proxy and Server Negotiation Scheme for Maintaining Strong Cache Consistency in the Web." *Web Caching and Content and Distribution Workshop (WCW)*. (Submitted March 2005).
- **F. Doswell**, "A Framework for Providing Strong Cache Consistency on the Web." *SIGCSE Doctoral Consortium*. Charlotte, North Carolina. February 2003.
- **F. Doswell**, M. Abrams, and Srinidhi Varadarajan. "The Effectiveness of Cache Coherence Implemented on the Web." *Workshop on Caching, Coherence and Consistency*. Sorrento, Italy. June 2001.

Selected Presentations:

- F. Doswell. Security and Privacy in Mobile Cloud Computing. Presentation at PVAMU/TAMU Advance PAID Grant Workshop. May 2012.
- F. Doswell. How to Prepare and Present a Research Poster. Stars Alliance Celebration Conference, Raleigh, North Carolina, August 2011.
- F. Doswell. Presentation of Computing Security and Cloud Computing Modules developed for Data Communications proposed as results of the 2010 CMU IACBP Training", Phase II of the Information Assurance Capacity Building Program (IACBP) at Carnegie Mellon University, Pittsburg, Pennsylvania, July 2011.
- F. Doswell and A. Williams. "Cloud Computing Standards and Education" *ADMI 2011*, Clemson, SC, April 14-16, 2011.
- F. Doswell. "Environment Effect of Computing on Human Interaction" Women's International Research Engineering Summit (WIRES), Research Poster Presentation, Orlando, FL, March 29-31, 2011.
- F. Doswell. "Software Security". Cyber Security Training Workshop for Mississippi Valley State University, held at Norfolk State University, June 1 - 4, 2010.
- F. Doswell and A. Williams. "The Impact of Cloud Computing" Elizabeth City, NC. December 16, 2010.
- F. Doswell and J. Graham. "Integration of Forensics into Computer Science Courses at NSU", Information Assurance Capacity Building Workshop Presentation (IACBP) at Carnegie Mellon University, Pittsburg, PA, July 2010. (*Presentation of Anticipated Security Modules to developed for Data Communications as results of the CMU IACBP Training*)
- F. Doswell. Using Passtones Instead of Passwords. *ACMSE 2010*. Oxford, Mississippi. April 2010.
- F. Doswell, "Progress Toward a Secure Society through Information Assurance Education and Research". *Presentation to Norfolk State 2009 Summer Faculty Research Colloquium*. Norfolk, VA, July 2009.
- F. Doswell, "Security Presentation for Seniors." *Suffolk Parks and Recreation Workshop*. July 2009.
- F. Doswell, J. Hernandez. "Talking Back to VBgov.com: Accessible Webpage Development for the Elderly Population using Speech Technology." *ACMSE 2009*. Clemson, SC. March 2009.
- F. Doswell, "Incorporating Collaborative Learning in the Classroom" *Presentation to Norfolk State College of Science and Technology*. August 2008.
- F. Doswell, "Learning Computer Networking through Summer Research Experience" *EISTA 2008*, Orlando, Florida. July 2008.
- F. Doswell, "Engaging Undergraduate Students in Information Assurance Research" *ADMI 2008*, Virginia Beach. VA, April 2008.
- F. Doswell, "A Case Study on Computer Security for Non-Expert Computer User" *ACMSE 2008*, Auburn, AL. March 2008.

- F. Doswell, "Raising the Awareness of Computer Security Threats." Presentation of Stars Summer Research Outcomes, Norfolk State University, Norfolk, VA, July 19, 2007.
- F. Doswell, "Obtaining an Academic Job." Panel Discussion for African-American Researcher in Computing Science (AARCS) Conference 2006, Auburn University, Auburn, AL, July 21-22, 2006.
- F. Doswell, "Research Interest in Internet Security Issues" *Presentation to Norfolk State Computer Science Department*. July 2006.
- F. Doswell, "A Framework for Providing Strong Cache Consistency on the Web." *SIGCSE Doctoral Consortium*. February 2003.
- F. Doswell, "Introduction to Cache Consistency Enhancements for the Web." *Colloquium Presentation to Norfolk State Computer Science Department*. February 2003.
- F. Doswell, "A Proxy and Server Negotiation Scheme for Maintaining Cache Consistency." *IREAN Research Workshop*. April 2002.
- F. Doswell, "The Effectiveness of Cache Coherence Implemented on the Web." Work-In-Progress Presentation for *Usenix Symposium on Internet Technologies and Systems*. March 2001
- F. Doswell. "The Effectiveness of Cache Consistency on the Web." Poster presented at *Virginia Tech Graduate Research Symposium 2000*. March 2000.

Student Project/Thesis Chaired (Graduate Students who have completed are indicated by a *):

- * Tyisha Fennell. *Project Title: Design of a Residential Keyless Access Solution Using Mobile Devices*. May 2013.
- * Willie Fuller. *Project Title: Development of a Mobile Cloud Computing Web Environment Using Android Smartphones*". May 2012.
- * Tamira S. Ortiz. M.S. Thesis Title: *Acquisition of Biometric Data for Mobile Devices Using Forensics Techniques*". May 2012.
- * Janine L. Hernandez. *Thesis Title: Mitigating Barriers to Senior Access to the Internet: Accessible and Usable Web Page Design, Techniques and Practices for the Elderly Population*. **May 2010**.
- * David K. Wright. *Project Title: Application of Ant Colony Optimization to Implement Intelligent Tutoring Systems for Learning SAT Words*. May 2010.

Student Conference Research Presentations under Faculty Advisement (Graduate Students Indicated by a *):

- D. Harris and F. Doswell. D. Butts and F. Doswell. *Is Privacy Just a Dream for Social Network Users?* Oral Presentation WBHR-LSAMP Research Symposium, Hampton, VA. July 15, 2014.
- D. Butts and F. Doswell. *Contradiction: Public Access to Private Social Network Accounts*. Oral Presentation WBHR-LSAMP Research Symposium, Bowie, MD. July 9, 2013.
- T. Fennell and F. Doswell. *Design of a Residential Locking Solution using a Mobile Device*. **1st Place Winner of Poster Presentation** ADMI 2013. April 2013.
- T. Brown, B. McClanahan and F. Doswell. *Teaching Machine Learning in an Online Environment*. **2nd Place Winner of Graduate Poster** Presentation ADMI 2013. April 2013.
- C. Edmond, D. Piggott and F. Doswell. *Development of a Mobile Device Application Promoting Physical Activity*. Poster Presentation ADMI 2013. April 2013.
- Darryl Clark, Clarence Edmonds, Antonio Moore, Julee Harlow, Kacie Allen, Woodrow Winchester III, D. Scott McCrickard, and Paul Estabrooks. "Android Application Development to Promote Physical Activity in Adolescents." In *Proceedings of the 2012 International Conference on Collaborative Technologies and Systems (CTS 2012)*, Denver CO, May 2012, pp. 566-568.
- F. Doswell, D. Piggot, D. Oladipupo. *Investigation of Software Development in Secure Cloud Computing Environments*". **2nd Place Winner Paper Presentation**. ADMI 2011. Clemson, SC. April 2011.
- D. Piggot. *Use of Cloud Computing Software to Develop a Secure Web2.0 Application*. Poster Presentation, *Stars Research Symposium*. July 2010.
- D. Oladipupo. *Installation and Implementation of a Secure Open Source Cloud Computing Infrastructure*. Presented to *Stars Research Symposium*. July 2010.

- T. Gatling, R and E. Irvin-Williams and LumenWæther Weather Information Service for LumenHaus. Poster Abstract, *ADMI 2010*. **2nd Place Research Poster**. April 2010.
- A. Billingsley, R. Cooper and F. Osborne. LumenCon: An Approach to Monitor and Control LumenHaus using iPhone. Poster Abstract, *ADMI 2010*. April 2010
- C. Nicholson, Sterling Woods, “Reading Warrior: Implementation of a Game to Enhance Reading”, Presented to *Norfolk State Colloquium Series*, April 2009.
- * T. Ortiz, “Understanding Computer Security Knowledge and Usage among Novice Computer Users” Poster Presented to *Tapia 2009*. April 2008.
- * J. Hernandez, F. Doswell, Talking Back to VBgov.com. Presented to *ACMSE 2009*. Clemson, South Carolina. March 2009.
- C. Smith, “The Untraceable Packet: A Study of Distributed Denial of Service Attacks”, Presented to *Norfolk State Colloquium Series*, May 2008.
- C. Smith, “The Untraceable Packet: A Study of Distributed Denial of Service Attacks”, Poster Presented to *ADMI 2008 Conference*. **1st Place Research Poster**. April 2008.
- T. Ortiz, “The Design of a Computer Security Interface for the Novice User” Poster Presented to *Old Dominion University Research Expo*. Norfolk, VA. April 2008.
- T. Ortiz, “The Design of a Computer Security Interface for the Novice User” Presented to *Stars Research Symposium*. July 2007.
- S. Jones, “The Effects on a Computer by a Keylogger and a User-Friendly System to Detect Intrusion”, Presented to *Norfolk State Colloquium Series*, May 2007
- J. Gichuru and F. Doswell, “The Implementation of a Health and Dieting Aid Application Using Visual Basic .NET.” Poster submission to *22nd Annual Consortium for Computing Sciences in Colleges*. March 2006.

OTHER PROFESSIONAL ACTIVITIES

- **NSF Panel Reviewer**, 2008 - Present
- **NCWIT Representative to Computing Research Association for Education (CRA-E)**, 2012 – Present,
- **Member of NCWIT Aspiration Committee Member**, 2012-Present
- **Co-Chair, NCWIT Best Practices in Undergraduate Research Committee**, 2012-2013
- **Member of National Center for Women in Technology (NCWIT) Academic Alliance Executive Committee** (2008 – Present)
- **Mentor:** Mentored student as part of the CRA-Sponsored Distributed Research Experience for Undergraduates (DREU)
- **Attendee of Training Workshops:** Cyber-security Challenge Kick-off, Norfolk State University (September 21-22, 2013), CISSP Prep Virtual Course (March5 –April 13, 2013), Netlab Security Training at Norfolk State University (Tuesday May 28 - June 6 2013),
- Grant PI for A4RC grant activities and course implementation (2008 – 2011)
- **Attendee of Professional Development Activities:** ADVANCE-ENG JIT, STARS Alliance Celebration Conference, Information Assurance Capacity Building Program (IACPB), Carnegie Mellon University, ADVANCE-ENG Coast-to-Cost, ADMI Regional Workshop on Cloud Computing, STEM Women of Color (SWOC), ADVANCE-PAID, ADMI, Women’s International Research Engineering Summit (WIRES), CE21 BPC Meeting, IEEE International Conference on Cloud Computing Technology and Science (CloudCom), Grace Hopper Women in Computing Conference, WISE Vanderbilt - Team for Research in Ubiquitous Secure Technology (TRUST), ACMSE, NSF Grants Workshop Attendance, Stars Alliance Celebration, ADVANCE Peer Mentoring, Tapia Celebration of Diversity in Computing, NSF National Center for Women in Information Technology (NCWIT) Community Meeting, INSITE Broadening Participation in Computer Disciplines Conference, ODU Research Expo, NSF Broadening Participation in Computing (BPC) INSITE Community Meeting, Stars Alliance Celebration Conference, EISTA, Summer Institute On College Teaching, ADMI, NSF Grant Writing Conference (CCLI Grant), CRA-W Workshop on Managing Academic Careers, SIGCSE Conference (March 2007), NSF Grants Conference Attendance, Super Computing (SC) - MSI Grant, The Role of Wireless Technologies in Disaster Response and Preparedness Workshop

- **Coordinator of Workshop Activities:** Senior Citizens at Suffolk Parks and Recreation “Senior Center” May – June 2010
- **Organizer of Targeted Presentation for Undergraduate and Graduate Students** to encourage pursuit of graduate education. Invited Presenter was Juan Gilbert of Clemson University, January 2010
- Organizer of Focus Group to initiate Department Activities to Support NCWIT Mission and Goals (Women in Computing) (2009-2011)
- **Conference Paper Reviewer** for International Conference on Society and Information Technologies (ICSIT), Frontiers in Education, EISTA, TAPIA
- **Scholarship Reviewer** for Grace Hopper Celebration of Women in Computing Conference 2008 - 2011
- Committee Member, Tapia Panel, 2008-2009
- **Recurring NCWIT Grant Reviewer, NCWIT Meeting Participant**
- **Recurring Poster Judge for ADMI Conferences,** Tapia Conference, Stars Alliance Celebration Conference
- **Recurring Research mentor to STARS students,** Norfolk State University
- **Reviewer/Reader for AP Computer Science Exam,** (June 2004, June 2005, June 2007)
- **UPE Tutor for Undergraduate Computer Science Students,** Virginia Tech Computer Science Department (1998 – 2003)
- **Teachers Assistant,** Virginia Tech Computer Science Department (Summers 1997, 1998 and Fall 1998 -- Summer 1999)
- **Member,** Virginia Tech Network Research Group (1996 -- 1999, Group Chairperson 1998)
- **Website Book Editor** for Online Version of “World Wide Web Beyond the Basics”, Prentice Hall (August 1997 -- August 1999)

UNIVERSITY SERVICE

University Service Activities	Duration
NSU Faculty Senate Committee (Alternate)	2013 – present
CSET Faculty Evaluation Compliance Committee Members	2013 – present
CS Undergraduate Recruitment Committee, Chair	2006 – 2014
CS ACM Student Chapter/Student Activities Committee, Faculty Advisor	2013 – present
CS Graduate Program Committee	2006 – present
CS Graduate Recruitment Committee	2013 – present
CS Faculty Search Committee	2013 – present
CS Recruitment (Undergraduate) Committee Member	2006 – Present
CS Course Alignment Committee, Chair	2013 – 2014
University Academic Computing and Communications, Committee Chair	2012 – 2014
University Curriculum Committee	2012 – 2013
University Parking Appeals Committee	2011 – 2012
Committee Chair, IA-REDI Outreach Committee	2011
CS ABET Editing Committee Member	2010 – 2013
CS ABET Undergraduate Assessment Committee Member	2010 – 2013
CS ACM Student Chapter/Student Activities Committee	2006 – 2012
CS Computing Resource Committee Member	2010 – 2012
CS Diversity Committee	2010 – 2012
CSET First Robotics Competition Committee Member NSU Hosted	2010
CS Applied Computing Curricula Committee Member	2008 – 2009
CS Faculty Search Committee Member	2007 – 2009
CS Special Events Committee Chair	2007 – 2012
CS Student Services Committee Member	2007 – 2014
CS Undergraduate Recruitment Committee Member	2006 – 2014
CS Retention / INSITE Committee Member	2006 - 2012
Graduate Program Committee Member	2006 – 2011
Graduate Admissions Committee Member	2005 – 2011
NSU – Examination Writing Center (EWC) Exam Reviewer	2006 - 2007

Website Committee Member	2006 – 2009
Department Search Committee Member	2006 – 2009
Honors College Committee	
Computer Science Department Assessment Committee Member	
Special Events Committee Member	2006 - 2012
Participation in NSU First View Recruitment efforts	annually

PROFESSIONAL MEMBERSHIP AND SERVICE

- Professional Member of CSTA, ACM, IEEE, Society of STEM Women of Color

AWARDS AND HONORS

- Travel Grant to attend Information Assurance Capacity Building Program at Carnegie Mellon University, Pittsburg, PA , July 2010, July 2011
- Travel Grant to attend Women’s Institute in Summer Enrichment (WISE) Sponsored by the Team for Research in Ubiquitous Secure Technology (TRUST), Nashville, TN, June 2010
- Travel Grant to attend Women’s Institute in Summer Enrichment (WISE) Sponsored by the Team for Research in Ubiquitous Secure Technology (TRUST), Nashville, TN, June 2010
- Travel Grant to attend STEM Women of Color Conclave, Washington, DC , June 2010
- NSU Recruitment Certificates (2006 – 2010)
- Panel **Co-Chair** Plaque for Tapia Conference (April 2009)
- CRA-W Career Mentoring Workshop Attendance Award (March 2007)
- NSF Grants Workshop Attendance Award (October 2006)
- IGERT Fellow/Trainee (2000 – 2005)
- SC2003 MSI Grant (November 2003)
- Sponsorship to the Usenix Symposium on Internet Technologies and Systems (March 2001)
- Upsilon Pi Epsilon Computer Science Honor Society (Inducted 1998)
- CRA-W Career Mentoring Workshop Attendee (1997)
- State Dean’s Fellowship (1995 – 1998)
- AT&T OYOC Scholarship (1990 – 1991)
- Highest GPA in Major (1989)
- Who's Who Among American Colleges and Universities (Selected 1988)
- Beta Kappa Chi Honor Society (Inducted 1988)
- National Deans List (Selected 1987)
- Alpha Kappa Mu Honor Society (Inducted 1987)
- DNIMAS Scholarship (1986 – 1990)
- National Business Women’s Association Scholarship (1986)
- Delta Sigma Theta Sorority Scholarship (1986)