

Rasha Morsi, Ph.D.

Professor, Electronics Engineering
Graduate Program Coordinator
Director, Creative Gaming and Simulation Lab
Norfolk State University
Norfolk, VA



Education

- Ph.D. Old Dominion University, Electrical and Computer Engineering (May 2002)
Dissertation Title: "A formal object model for layered networks to support verification and simulation" **GPA:** 3.85/4.00 (PhD) – 3.75/4.00 (ME and PhD),
Advisor: Dr. James F. Leathrum
- M.E. Old Dominion University, Computer Engineering (December 1996)
Project Title: "A formal specification of IPv6", **Advisor:** Dr. James F. Leathrum
- B.Eng. King's College, University of London, Computer Systems and Electronics Engineering (July 1991), **First Class Honors Degree**

Employment

Norfolk State University, Department of Engineering

Professor (August 2013 – to date)

Associate Professor (August 2008 – July 2013)

Graduate Program Coordinator (March 2009 – to date)

Assistant Professor (August 2004 – July 2008)

Founding Director, Creative Gaming and Simulation Lab (CGS) – (2006 – to date)

- Teach undergraduate and graduate courses in the field of Electronics Engineering;
- Advise and mentor undergraduate and graduate students in research projects in areas such as computer engineering, communications, and modeling and simulation.
- Academic Advisor to all graduate students; responsible for recruitment and selection (with committee) of incoming graduate students; keeps track of all student forms and requirements for graduation; performs evaluation of transcripts for incoming and outgoing students; ensures students graduate on time; performs a format review of all thesis in the department; among other Graduate coordinator duties.
- **Research:** Educational Game design and development, Modeling and Simulation, and Interactive Web-based educational tools for Electrical and Computer Engineering,

Norfolk State University, Department of Technology

Assistant Professor (September 2003 – August 2004)

- Teaching Engineering and Technology courses

- Created a new curriculum for Computer Technology and Electronics Technology to comply with ABET.
- **Research:** Modeling and Simulation, Interactive Web-based educational tools for Electrical and Computer Engineering, Women in Engineering and Gender diversity in STEM fields.
- Graduate Student Advisor

***Old Dominion University, Electrical and Computer Engineering Department
Lecturer (2002 – July 2003)***

Part time Instructor (2000 – 2001)

- Teaching core Electrical and Computer Engineering courses including laboratory courses.
- **Research:** Modeling and Simulation, cellular communication networks specification and verification, Interactive Web-based educational projects for Electrical and Computer Engineering.
- Advisor to graduate and undergraduate student

Virginia Modeling, Analysis and Simulation Center (VMASC)

Programmer (Summer 2000)

- One of the main programmers of the CPortS simulation project.
- Developed programs to simulate major areas of a port using MODSIM.

***Old Dominion University, Electrical and Computer Engineering Department
Graduate Teaching Assistant (1995–1999)***

- Taught core Computer Engineering Labs and Recitations.
- LAN Teaching Assistant.

***Old Dominion University, Electrical and Computer Engineering Department
NASA – Langley project***

Graduate Research Assistant (1995-1996)

- Formal Methods

Research Interests

- Educational Game and E-learning tool Design and Development
- Modeling and Simulation and Object Oriented Design
- Women in Engineering, Gender Diversity in STEM fields
- Data and Visual Analytics

Teaching Experience

Undergraduate

Introduction to Wireless Communications
Digital Logic Design (course and lab)
Microcontrollers
Microprocessors
Programmable Logic Controller
Digital System Design
Computer Engineering Design (projects + writing intensive)
Introduction to Engineering
Computer Architecture
Digital Communications
Engineering Use of Computers (C++)
Computer Literacy (Computer Science Course)

Graduate

Adv. Digital Design
Computer Networks
Microcontrollers
Advanced Topics (Animation and Graphic Design)
Advanced Topics (Game Design and Development)
Research Methods

Advising

* students funded via grant funds

Masters Thesis advised:

- Design and Implementation of a Sequential Logic Design Tool, Changlong Zhu* (August 2009 - December 2013, NSU-CSC graduate)
- A Simulation within a Simulation: The VNurse Automatic Drug-Dispensing Unit, Togba Liberty* - EEN (August 2010 – December 2012, NSU- EEN graduate)
- BloodFeud: An Educational Game for Children with Blood Disorders, Michael Westbrook* - EEN (Summer 2011 –December 2012, NSU- EEN graduate)
- Case Studies Unit Development for the VNurse Project, Linmin Pei* - (August 2009 - December 2011, NSU- EEN graduate)
- A Computer-Based Testing (CBT), Evaluation and Grading Tool for Digital Logic Design, Kalpana Kajuluri* (project) – (Spring 2010 - May 2011, NSU - CSC graduate)
- Formal Modeling and Specification of FFHMIPv6 Using PVS, Changlong Zhu* (Defended August 2009, July 2009 NSU- EEN graduate)
- A Framework for the Development of Interactive Games using Adobe Flash ActionScript, Terin Reed* (Defended August 2009, July 2009 NSU- EEN graduate)
- Dynamic Output Analysis of a Port Simulation, Edward D. Jackson* (Defended December 2008. July 2009 NSU-EEN graduate)
- PC Based Flash Educational Game Development Using Nintendo Wii-mote Interactivity, Kenneth R. Corns (Defended July 2009. July2009 NSU-EEN graduate)
- BINX: An XNA Educational Game for Electrical and Computer Engineers, Chad F. Richards (Defended May 2009. May 2009 NSU-EEN graduate)

- Design and Development of an Interactive Assessment E-Learning Application using Random Problem Generation, Latrice Tolliver (Defended August 2007. August 2007 NSU – EEN graduate)
- A Just in Time (JIT) Web based assessment tool for Electrical and Computer Engineering, Linton Russell* (Defended May 2006. May 2006 NSU- CSC graduate)
- Aggregate Level Output Analysis of a Port Simulation, Meenakshi Chitra Lakshmanan* (Defended May 2006. May 2006 NSU – CSC graduate)

Ph.D. Students advised:

- Member, Ph.D. Advising Committee for Mr. Saikou Diallo, VMASC/ODU, 2007- 2010

Master's Students Advising

Current Thesis advising:

1. Anish Kodeboyina – EEN (Spring 2015 – Expected Graduation August 2015)
2. Shawn Mull – EEN (Fall 2013 – Expected graduation date May 2015)
3. Christian Moats - EEN (Fall 2013 – Expected graduation date May 2016)
4. Clarence Edmonds - EEN (Fall 2013 – Expected graduation date May 2016)
5. Walaa Mahmoud* – EEN (Spring 2012 – Expected graduation date May 2015)
6. Abhinav Kanukunlta* – EEN (Fall 2012 – Expected graduation date May 2015)
7. Taylor Armstead* – EEN (Fall 2012 – Expected graduation date May 2015)
8. Toria Duke* – EEN (Spring 2010 – Expected graduation date May 2015)
9. Stacey Downing* – CSC (Spring 2010 - Expected graduation Dec 2014)
10. Erica Veal – Co-Advisor, CSC (2008 - Expected Graduation May 2015)

Students Research Advising (Not Thesis Advisor):

1. Rohitha Dhara* – EEN (Fall 2012 – Summer 2013)
2. Susan Zehra – EEN (Summer 2011 – Fall 2012)
3. Raymond Sye*-CSC (Summer 2012)
4. Chris Fritzel* - EEN (Aug 2010 – Dec 2011)
5. Charles Chirchir * - EEN (Fall 2011)
6. Curtis Steward – CSC (Fall 2010)
7. Hui Sun* – CSC (Fall 2010)– EEN (Spring 2011 –May 2013)
8. Togba Liberty*– CSC (Spring and Summer 2010)
9. Moeti Masiane* – CSC (Spring 2010)
10. Moustafa Aly*– EEN (Spring and Summer 2010)
11. Priyalatha Shanmugam* (CSC)
12. Louay Youssef* (CSC)
13. Dion John (CSC)
14. Madhu Billapati* (EEN)
15. Prabhakar Malammagari* (EEN)

Master's Non-Thesis Students Advising

1. Venkatarama Khambhammettu – EEN (Jan 2011 - August 2011; Graduated Dec 2011)
2. Githa Kommenini – EEN (Graduated May 2011)
3. Latisa Howard –EEN (Graduated May 2009)
4. Richard Wright – EEN (Graduated 2009)

Undergraduate research students advised:

2003 – to date

NSU:

1. Darius Jefferson, CSC (Spring 2015)
2. Brian Rose*, CSC (Summer 2012 – Dec. 2013)
3. Keevin Hood*, EEN (Spring 2013)
4. Cory Hornsby *, CSC (Spring 2012 – August 2013)
5. Shannon Locke-Krahe *, CSC (Spring 2012 – May 2013)
6. Brian McClannahan *, CSC (Spring 2012, Fall 2012 – August 2013)
7. Tray Heath*, CSC (Summer 2012 – September 2012)
8. James Dickerson, EEN (Summer STARS research student 2012)
9. Zachary Walls, OEN (Summer STARS research student 2012)
10. Franiece Bennett *, EEN (Spring 2012, Fall 2012)
11. Michael Chase *, CSC (Fall 2009 – Spring 2012)
12. Phillip Martin*, EEN (Spring and Summer 2012)
13. Mattie Collins-Wood*, EEN (Spring 2011 – Summer 2011)
14. Adrienne Haynes*, CSC (Fall 2010 - Spring 2011)
15. Sherrod Hines*, EEN (Fall 2010 – Spring 2011)
16. Marcus Gilbert*, EEN (Summer 2009, Summer 2010 – Spring 2011)
17. LaVonda Brown, EEN (Fall, Spring 2009/2010)
18. Ramona Diaz, EEN (Fall, Spring 2009/2010)
19. Marya Pearson, EEN (Fall, Spring 2009/2010)
20. Matthew Onojafe*, OEN (Summer 2009)
21. Brandon Little-Darku*, Senior EEN (Summer 2008 – Summer 2009)
22. Sean Street – Summer STARS research student 2008
23. Maegan Wilhite* Summer research student 2008
24. Jeremy Hedgespeth* - Research student – Summer & Fall 2008
25. Darius Robinson – EEN – STARS summer research student - 2007
26. Sean Miller – CSC – Senior Project - 2006
27. Abel Mejias* – CSC– STARS summer research student-2006
28. Edward Jackson* – EEN– and STARS summer research student-2006
29. John Marcus Cocker– STARS summer research student-2005
30. Robyn Jenkins* -EEN– STARS summer research student-2004

2000 – 2003

ECE-ODU:

1. Jay de Guzman
2. Nayda Caasi
3. Robert Kost
4. Joseph Shaw

Student Awards (Rasha Morsi – research supervisor)

- Computer Science Symposium – Senior project, Michael Chase was awarded first place in oral presentations for his senior project: “Developing interactive educational applications for mobile devices with gaming and simulation software”, April 2011.
- CGS Senior Undergraduate Student, Brandon Little-Darku was awarded the Dr. Ernest E. Just Science Medal by the Omega Psi Phi Fraternity Inc. 2009
- CGS Graduate Student, Terin Reed wins Graduate School Academic Excellence Award for his outstanding academic achievement in the Master of Science in Electronics Engineering degree program, 2009

- CGS Graduate, Edward Jackson, wins the 2009 Council of Historically Black Graduate Schools' Proquest Thesis Award for his work entitled "Dynamic Output Analysis of a Port Simulation."
- iMEd: iPhone Interactive Math Modules for Education, Brandon Little-Darku, Virginia State University 3rd Annual HBCU-UP Symposium, 3rd Place Oral Presentation, April 2009.
- V-CGS: Virtual Center for Gaming and Simulation, STARS Summer Research Program, 2nd Place Oral Presentation, July 2008.

Committees and Services

Professional Service:

Promotion and Tenure External Technical Reviewer

- Technical external reviewer for one tenure and promotion application from the University of East Carolina, Department of Engineering, August 2010

Journal Editor

- Associate Editor, Journal of Online Engineering Education, 2009 – to date.

Reviewer/consultant

- **Academic Summit**, ECPI May 27,2010: **member** of a three member committee and reviewed a proposed masters program in information technology.

Member, Technical Program Committee

- 13th Communications and Networking Simulation Symposium (CNS'10), Orlando FL.
- 12th Communications and Networking Simulation Symposium (CNS'09), San Diego, CA.
- 11th Communications and Networking Simulation Symposium (CNS'08), Ottawa, Canada, April 13-16, 2008

Track Chair:

- Track Chair, 2009 MODSIM World Conference and Expo, *Education and Training Track*
- Track Co-Chair, 2008 MODSIM World Conference and Expo, *Education and Training Track*

Session Chair/Moderator:

- 2009 MOSDIM World Conference and Expo – Education and Training Track chair

- 2009 MOSDIM World Conference and Expo – E&T Session 1 moderator
- 2008 MODSIM World Conference and Expo – Science and Engineering Track co-Chair and session moderator
- 2008 Frontiers in Education (FIE), Saratoga Springs, NY
- 2007 Frontiers in Education (FIE), Milwaukee, WI, Session T2G
- 2006 ASEE Annual Conference, Chicago IL, Session #: 3431
- 2005 ASEE Annual Conference, Portland OR, Session #: 3630
- 2004 ASEE Annual Conference, Salt Lake City UT, Session #: 2260

Conference Reviewer:

- IASTED 2011
- MODSIM World Conference and Expo, 2007, 2008, 2009
- ASEE-SE Conference, 2009
- VMASC Capstone Conference 2009 (ODU): Discipline of M&S/BoK Track
- Frontiers in Education (FIE); 2003, 2004, 2006-2008
- American Society for Engineering Education Conferences, (2004 – to date)
- Wireless Telecommunications Symposium (WTS); 2007

Grant Reviewer:

- NSF IUSE Panel, April 27 -May 1 2014
- NSF TUES (Phase I) Panel, April 2011
- NSF GRFP Panelist 2009, 2010 (Computer Science Panel)
- NSF CCLI Panelist 2008 (Phase 1)
- Maryland Technology Development Corporation (“TEDCO”) – 2010, 2011

Journal Reviewer:

- Reviewer for the Journal of Science Education and Technology, April 2014
- Reviewer for the International Journal of Advances in Information Sciences and Service Sciences, 2013
- Reviewer for the IEEE Transactions on Education (2008-2010, 2012)
- International Journal of Modeling and Simulation (2004 – 2010)
- International Journal of Modern Engineering (IJME); Member - Board of Reviewers (2004 – 2011)
- Reviewer for the Journal of Simulation Modeling Practice and Theory (2009)

Judge:

- Poster Competition Judge, ODU-NSU-EVMS-VTC Research Exposition Day: Research Expo 2008, Ted Constant Hall, Norfolk, VA, April 09, 2008

- Poster Competition Judge, ODU-NSU-EVMS-VTC Research Exposition Day: Research Expo 2007 - 400 Years of Discovery, Ted Constant Hall, Norfolk, VA, April 05, 2007
- Poster Competition Judge, ODU-NSU-EVMS-VTC Research Exposition Day: Research Expo 2007 - 400 Years of Discovery, Ted Constant Hall, Norfolk, VA, April, 2006
- Washington Baltimore Hampton Roads-Louis Stokes Alliance for Minority Participation Undergraduate Research Symposium, July 20, 2006.
- STARS Summer Research, School of Science and Technology, NSU, 2005, 2007.

Society affiliation:

- Member, Institute of Electrical and Computer Engineering (IEEE).
- Member, Institute of Engineering and Technology (I.E.T.), 1988 – to date.
- Member, Society of Women Engineers (SWE) (2005 – 2010)
- Member, American Society of Engineering Education (ASEE), 2003 – 2008, 2011
- Council Member and co-chair of the Web Content Committee for WOMENGINEERS – ODU (2000-2003).
- Life Member, Engineering Society, King's College London

University Service:

- Member and Scholarship Sub Committee Chair, Faculty Performance Evaluation System (FPES) Committee, August 2013 – to date
- Member, Graduate Council, 2009 – to date
- Founder and faculty advisor for the Girl's in Science, Engineering, and Technology (GISET), Norfolk State University (NSU), (2004-2011)
- Chair, Director of the Library Search Committee, 2006, NSU
- Co-Chair Faculty Salaries Faculty Senate Faculty Salaries sub-committee
- Lab Supervisor: (2001-2003), Supervisor of the two main Computer Engineering labs in the ECE department at ODU - In charge of the upgrade of the hardware in both labs

Member of the following Departmental, School and University committees:

- **NSU (2003 – to date)**
 - Member, University Faculty Performance Evaluation Committee; Chair of the Scholarly Activity sub-committee
 - Member, University Wide Assessment Committee – School of Graduate Studies and Research representative; Fall 2011 – Spring 2013
 - University External Awards Committee, Chair (University committee); 2009 – Spring 2013
 - Graduate Program Coordinator (Engineering Department); 2009 – to date
 - Chair, Graduate Committee (Engineering Department); 2009 – to date
 - Member, Department Recruitment Director search committee (2013)
 - Member, Appeal Panel Board (Presidential Committee); 2010-Dec. 2011

- Member, MyNSU Portal Governance Committee; Fall 2010 – Spring 2011
- Blue Ribbon Panel (Presidential committee); 2009-2010
- Member, EEN faculty search committee; Spring 2012
- Chair, Publicity Committee (Engineering Department); Fall 2011 – Fall 2012
- Chair, Colloquium Committee (Engineering Department); 2009 – 2011
- Member, Department Chair search committee; 2009 - 2011
- Member, Dissemination Committee (Engineering department); 2007 - 2009
- Member, Faculty Portfolio Assessment Compliance Committee ; 2005-2006, 2009, 2010
- Member, Research Advisory Committee (University); 2006 – 2011
- Member Faculty Search Committee; 2009
- Member, VMASC Advisory Board; 2007 - 2009
- Member, Faculty Evaluation and Tenure and Promotion Committee; 2009, 2011
- Member, Service Learning Center (University); 2006 – 2009
- Chair, STARS Student Success Seminars (College of Science, Engineering, and Technology); 2004 – 2010
- Member, Research Committee (College of Science, Engineering, and Technology); 2006 – 2010
- Chair, University Award of Excellence (Service Award) selection committee (2008)
- Member, University Award of Excellence (Service Award) selection committee (2007)
- Vice Chair, Faculty Senate’s “Salary Issues” working group (2006-2007)
- Member, Advisory Board, Center for Global Education (University); 2005 – 2008
- Member, Accreditation Committee (Engineering department); 2004 – 2008
- Member, Curriculum Committee (Engineering department); 2004 – 2008
- Chair, Advising Committee (Engineering Department); 2006 – 2008
- Chair, Dissemination Committee 2005-2007 (Engineering department)
- Member, Scholarship Committee (SST); 2005, 2006
- Curriculum (ABET) Committee (Department of Technology); 2003-2004

- **ODU (2002-2003)**
 - Member of the ECE Undergraduate committee (ODU) – duties include ABET accreditation preparation, and curriculum development

Community Service/Impact:

- “Playing the Right Game”, LEC Urban Youth Summer Academy, MCAR, August 4, 2011
- CGS Presentation and Demo, Mack Benn Elementary School, February 13th, 2009
- Organized Heritage High School Visit to NSU, February 9th, 2009. Demonstrated to 28 high 10th – 12th graders from Heritage High School, Newport News possible STEM fields for higher education, performed lab tours and demos.
- CHROME 25th Anniversary celebration, Booth: demoed Modeling/Simulation/ Gaming activities and products to attendees who included CHROME students from

local elementary, middle, and high schools, Virginia Air & Space Center , Hampton, VA December 10th 2008

- Attended the GSCCC Fundraising Breakfast, Feb. 29, 2008.
- **Member-at-Large**, Board of Directors, Girl Scout Council of Colonial Coast (2007 – to date)
- **Coordinator**, JETS TEAM competition host, NSU (2007, 2008, 2009)
- **Founder and Advisor**, Engineering club, Oakland Elementary school; October 2006 – June 2008
- Volunteer, CHROMEfest 2005, September 2005
- **Member**, Advisory board, Elijah Foundation (previously “Dysfunction Junction”) – a non-profit organization that produces unique story books for children with disorders and severe medical conditions. Assisted in technology aspects of the company and currently advisory board member. (2002 – to date)
- **Volunteer** Sense Resource Center a Non-Profit humanitarian company that works in international adoption. She helped with the organization’s web site and computer maintenance
- **Technology Chair**, Ghent School PTA (Sept. 2003 – June 2005): designed, built and maintained the PTA website. Also worked with the school principal and was part of the training team to help train the rest of the teachers on how to develop their own class websites.
- Conducted technology workshops for parents at Ghent School : “Helping you help your kids”. Topics covered were: E-mail, Safe internet surfing, and PowerPoint presentations (2005)
- Founder and Advisor, Engineering Club at Oakland Elementary school in Suffolk, VA. The club aims to increase 4th and 5th grader interest in Electronics Engineering. The clubs are held once a month for 45 minutes. Students are introduced to Electronics Engineering and each month are taught how to build and test an electronics circuit of medium complexity. At the end of the school year, the students are rewarded for their working projects.

Funding

Principal Investigator: VNurse Phase II: Modular Dynamic Virtual Simulation Framework for Nurse Training; **Funding Amount:** \$2,101,000.00; **Funding Agency:** US Army Medical Research and Materiel Command (USA MRMC); **Funding Period:** 24 August 2010 - 23 August 2014

Principal Investigator: iPhone/iTouch App Development for the E2T2 Project; **Funding Amount:** \$69,665.00; **Funding Agency:** WHRO; **Funding Period:** 27 August 2010 - 30 November 2011

Principal Investigator: VNurse: Modular Dynamic Virtual Simulation Framework for Nurse Training; **Funding Amount:** \$2,103,000.00; **Funding Agency:** US Army Medical

Research and Materiel Command (USA MRMC); **Funding Period:** 24 August 2009 - 23 July 2012.

Co-Principal Investigator: Collaborative Research: Capitalizing on Opportunity: Narrowing the Gender Divide in Engineering and Computer Science through Professional Development; **Funding Amount:** \$48,725; **Funding Agency:** National Science Foundation; **Funding Period:** January 1, 2010 - June 2014.

Collaborative Project (PI for NSU): ALA Grant proposal, \$ave \$teve Project; **Funding Amount:** \$55,470.90; **Funding Period:** March, 2009 – June 2011.

Principal Investigator: OPT-FOR-A in ECE, NSF CCLI (DUE-0737242); **Funding Amount:** \$149,480; **Funding Period:** March 15, 2008 – January 31, 2012.

Member of the STOC II group, this is a group led by Zeltech which won the privilege of having first bid on government contracts for billions of dollars.

ZelTech: Support funding for CGS; **Amount:** \$20,000; **Type:** Donation

Norfolk Foundation Grant: Grant submitted by NSU administration (with CGS portion written by Rasha Morsi); **Funding Amount:** \$250,000 (CGS portion: \$167,000); **Funding Period:** 2006 – 2008.

Principal Investigator: Configurable Port Simulation (CPortS) Output Analyzer for the DIESEL engine, Research undertaken in support of the Military Traffic Management Command Transportation Engineering Agency (MTMCTEA) mission; **Renewal - Funding Amount:** \$43,751.62, **Funding Agency:** MYMIC, LLC; **Funding Period:** September 1, 2007 – August 31, 2008.

Principal Investigator: Configurable Port Simulation (CPortS) Output Analyzer for the DIESEL engine, Research undertaken in support of the Military Traffic Management Command Transportation Engineering Agency (MTMCTEA) mission; **Renewal - Funding Amount:** \$ 43,003.35; **Funding Agency:** MYMIC, LLC; **Funding Period:** January 1, 2007 – August 31, 2007.

Principal Investigator: Configurable Port Simulation (CPortS) Output Analyzer for the DIESEL engine, Research undertaken in support of the Military Traffic Management Command Transportation Engineering Agency (MTMCTEA) mission; **Funding Amount:** \$15,251.94; **Funding Agency:** MYMIC, LLC; **Funding Period:** May 1, 2006 – December 31, 2006.

Principal Investigator: Investigating the migration of CPortS from MODSIM III to SIMSCRIPT II.5, Research undertaken in support of the Military Traffic Management Command Transportation Engineering Agency (MTMCTEA) mission; **Funding Agency:** LOYOLA; **Funding Amount:** \$39,923.95; **Funding Period:** August 1, 2005 – April 30, 2006.

Co-Principal Investigator: Enhancing Education through Alignment of Academic Affordances to Stimulate Engineering Learning (EASEL), National Science Foundation (NSF) – (EEC-0530493); **Funding Amount:** \$100, 000; **Funding Period:** September 1, 2005 –August 31st, 2007.

Principal Investigator: Configurable Port Simulation (CPortS) Output Analyzer for the DIESEL engine, Research undertaken in support of the Military Traffic Management Command Transportation Engineering Agency (MTMCTEA) mission; **Funding Agency:** LOYOLA; **Funding Amount:** \$149,928.09; **Funding Period:** May 1, 2005 – April 29, 2006.

Co-Principal Investigator: Engineering Technology Education, National Science Foundation (NSF) – (DUE-0501781); **Funding Amount:** \$318, 161; **Funding Period:** May, 2005 – April 30, 2008.

Principal Investigator: Configurable Port Simulation (CPortS) Output Analyzer, Research undertaken in support of the Military Traffic Management Command Transportation Engineering Agency (MTMCTEA) mission; **Funding Agency:** LOYOLA; **Funding Amount:** \$100,048; **Funding Period:** March 2004 – December 2004.

Co-Principal Investigator: Configurable Port Simulation (CPortS) Support Task, Research undertaken by Virginia Modeling, Analysis and Simulation Center (VMASC) in support of the Military Traffic Management Command Transportation Engineering Agency (MTMCTEA) mission; **Funding Agency:** LOYOLA; **Funding Amount:** \$45,000; **Funding Period:** November 2002- August 2003.

Publications

Refereed conference/journal/book chapter publications:

1. **Rasha Morsi**, Walaa Mahmoud, Bratislav Cvijetic “KWIZOPIA: A 3D Quiz Game for K-12 Education”, 9th International Technology, Education and Development Conference (INTED) 2015 Conference, Madrid, Spain, March 2-4, 2015.
2. **Rasha Morsi**, Chad Richards, “BINX: An XNA/XBox 360 Educational Game for Electrical and Computer Engineers”, Consumer Electronics Journal (CET), Volume 1, Issue 3, October 2012.

3. **Rasha Morsi**, Mona Rizvi, Jun Wang, Bratislav Cvijetic, Cyntrica Eaton, “VNurse: A 3D Simulation Tool for Nurse Training”, (Poster), INACSL 2012, San Antonio Texas, June 20-23, 2012.
4. **Rasha Morsi**, Terin Reed, “CGS Brain Busters: A K-16 Dynamic Educational Boxing Game”, ASEE MidAtlantic Conference – Engineering Education for the Next Decade, Philadelphia PA, October 28-29, 2011
5. **Rasha Morsi**, Chad Richards, Mona Rizvi, “Work in Progress - BINX: A 3D XNA Educational Game for Engineering Education”, IEEE Frontiers in Education Conference, Washington DC, October 27-30, 2010
6. **Rasha Morsi**, Mona Rizvi, “VNurse: Modular Dynamic Simulation Framework for Nurse Training”, E-LEARN 2009, Canada
7. Changlong Zhu, **Rasha Morsi**, “Formal Specification of FFHMIPv6 Packets Using PVS”, 12th Communications and Networking Simulation Symposium (CNS'09), San Diego CA, March 2009 (Short Paper)
8. **Rasha Morsi**, Wael Ibrahim, Edward Jackson, “Concept Map Presentation Tool (CMPT): Teaching Wireless Communications using Concept Maps”, ASEE SE Section Annual Conference, Marietta, GA, April 5-7, 2009.
9. Edward Jackson, **Rasha Morsi**, “PORTSIM 6.0 Output Analysis” 2008 conference on Broadening Participation in Computing Disciplines, October 9-10, 2008. (First Prize Winner-Poster)
10. Terin Reed, **Rasha Morsi**, “CGS BrainBusters”, 2008 conference on Broadening Participation in Computing Disciplines, October 9-10, 2008.(Second Prize Winner-Poster)
11. Brandon Little-Darku, **Rasha Morsi**, “VCGS: Virtual Center for Gaming and Simulation”, 2008 conference on Broadening Participation in Computing Disciplines, October 9-10, 2008. (Third Prize Winner-Poster)
12. **Rasha Morsi**, Linton Russell, ‘CLDT: A Combinational Logic Design Interactive Web-based Tool’, International Journal for Modern Engineering (IJME), Volume 8, Number 1, Fall 2007
13. **Rasha Morsi**, Patrice C. Smith, Sandra J. DeLoatch, ‘Student Success Seminars: A School Level Freshman Intervention Program’, Frontiers in Education Conference, Milwaukee, WI, Oct. 10-13, 2007
14. **Rasha Morsi**, Wael Ibrahim, Frances Williams, ‘Concept Maps: Development and Validation of Engineering Curricula’, Frontiers in Education Conference, Milwaukee, WI, Oct. 10-13, 2007
15. **Rasha Morsi**, Edward Jackson, ‘Playing and Learning? Educational Gaming for Engineering Education’, Frontiers in Education Conference, Milwaukee, WI, Oct. 10-13, 2007
16. **Rasha Morsi**, Linton Russell, ‘CLDT: A Combinational Logic Design Interactive Web-based Tool’, IJME International Conference, October 19-21, 2006, New York.
17. **Rasha Morsi**, James F. Leathrum, Jr. ‘A Generalized Formal Specification Framework for Communication Protocols’, The 9th International Symposium on Wireless Personal Multimedia communications (WPMC), September 17-20, 2006, San Diego CA.
18. Edward Jackson, **Rasha Morsi**, Wael Ibrahim, “Flash XML Concept Map Presentation Tool” ODU-NSU-EVMS-VTC Research Exposition Day: Research

- Expo 2007 - 400 Years of Discovery, Ted Constant Hall, Norfolk, VA, (Poster), April 05, 2007.
19. **Rasha Morsi**, Linton Russel, “CLDT: Combinational Logic Design Tool”, ODU-NSU-EVMS-VTC Research Exposition Day: Research Expo 2007 - 400 Years of Discovery, Ted Constant Hall, Norfolk, VA, (Poster), April 05, 2007.
 20. Edward Jackson, **Rasha Morsi**, “Gaming for Materials Education” ODU-NSU-EVMS-VTC Research Exposition Day: Research Expo 2007 - 400 Years of Discovery, Ted Constant Hall, Norfolk, VA, (Poster), April 05, 2007.
 21. Latrice Tolliver, **Rasha Morsi**, “The Chain and Product Rule (CPR): An E-Learning Tool For The Assessment of College Level Calculus” ODU-NSU-EVMS-VTC Research Exposition Day: Research Expo 2007 - 400 Years of Discovery, Ted Constant Hall, Norfolk, VA, (Poster), April 05, 2007.
 22. K. Morsi & **R. Morsi**, *Chapter on: Carbon Nanotube (CNT) Reinforced-Ceramic Composites: Processing, Properties and Nanotube Simulation* in Handbook of Nanoceramics and Their Based Nanodevices, edited by T. Y. Tseng and H. S. Nalwa, published by American Scientific Publishers (January 2009)
 23. **Rasha Morsi**, Wael Ibrahim, ‘NAIT or ABET? How different is different?’, American Society for Engineering Education (ASEE) 2006 conference, June 18-21, 2006 Chicago, IL.
 24. Meenakshi Chitra Lakshmanan, Priyalatha Shanmugam, **Rasha Morsi**, ‘Aggregation of Large Data Sets in a Port Simulation,’ , NSU/ODU/EVMS Research Expo, Ted Constant Hall, Norfolk, VA. (Poster), p. 205, April, 2006 – **Honorable Mention winner**
 25. **Rasha Morsi**, Erica Veal, ‘Recruitment and Retention Strategies for Women in Science, Engineering, and Technology: A review’, NSU/ODU/EVMS Research Expo, Ted Constant Hall, Norfolk, VA. (Poster), p. 279, April, 2006.
 26. **Rasha Morsi**, Latrice Tolliver, ‘The Chain and Product Rule (CPR) Tool: An E-Learning Tool For The Assessment Of College Level Calculus’, 2006 ASEE Illinois-Indiana and North Central Joint Section Conference, Fort Wayne, Indiana, March 30 – April 1, 2006
 27. **Rasha Morsi**, Linton Russell, ‘CLDT: A Combinational Logic Circuit Design Tool for Use in Electrical and Computer Engineering Curricula’, 2006 ASEE Illinois-Indiana and North Central Joint Section Conference, Fort Wayne, Indiana, March 30 – April 1, 2006
 28. Wael Ibrahim, **Rasha Morsi**, ‘Concept Maps: An active learning and assessment tool in Electrical and Computer Engineering’, 2006 ASEE Illinois-Indiana and North Central Joint Section Conference, Fort Wayne, Indiana, March 30 – April 1, 2006
 29. Wael Ibrahim, **Rasha Morsi**, “A Review of Online Degrees in Electrical and Computer Engineering“, International Journal of Modern Engineering (IJME), Volume 5, Number 1.
 30. **Rasha Morsi**, ‘Girls In Science, Engineering, and Technology (GASET)’, American Society for Engineering Education (ASEE) 2005 conference.
 31. Wael Ibrahim, **Rasha Morsi**, ‘Online Engineering Education: A Comprehensive Review’, American Society for Engineering Education (ASEE) 2005 conference, June 12-15, 2005 Portland, Oregon.

32. **Rasha M. B. E. Morsi**, 'Interactive Web-based Applications for the Undergraduate Education of Electrical and Computer Engineers', American Society for Engineering Education (ASEE) 2004 conference, June 20-23, Salt Lake City, Utah.
33. **Rasha M. B. E. Morsi**, James F. Leathrum Jr., 'A Formal Specification and Verification of GSM using the OSI-RM Formal Object Model', 2003 Advanced Simulation Technologies Conference (ASTC '03), March 2003.
34. **Rasha M.B.E. Morsi**, James F. Leathrum Jr., 'A Formal Model of the OSI Reference Model', 2001 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS), July 2001.
35. J. Leathrum, **R. Morsi**, T. Leathrum, 'Formal Verification of Communication Protocols', IASTED Eighth International Conference on Parallel and Distributed Computing and Systems, Oct. 1996.

Awards/Honors

- **State Council for Higher Education of Virginia (SCHEV) Outstanding Faculty Award 2012**
- **Finalist**, SCHEV Outstanding Faculty Award –2010 - 2011
- **Outstanding Grantsmanship**, Engineering Department, Norfolk State University, 2010
- **Outstanding Grantsmanship award**, College of Science, Engineering, and Technology, Norfolk State University, 2010
- **YWCA Woman of Distinction-** Science and Technology, 2009
- **Certificate of Appreciation** - Office of Student Activities –, June 2009
- **Top Faculty Award (Engineering Department)**, School of Science and Technology, Norfolk State University, 2008
- **Outstanding Grantsmanship award**, School of Science and Technology, Norfolk State University, 2005 - 2008
- **Diverse: Issues in Higher Education's Emerging Scholar Class of 2008**, Diverse Education January 2008 issue (one of 10 selected nationwide).
- **Finalist**, SCHEV Outstanding Faculty Award – Rising Star category 2006 - 2008
- **NSU University Award of Excellence**, highest honor to be bestowed on a faculty at the University, awarded for excellence in research, teaching, and service, 2007
- **Nominated by the NSU's scholarship committee** for the American Association of University Women - Emerging Scholars award, 2007
- **Teacher of the Year**, School of Science and Technology, Norfolk State University 2006.
- **Overall Excellence Award**, Department of Engineering, Norfolk State University 2006 – for excellence in teaching, research, and service.
- **Distinguished Student Research Award**, ODU/NSU Research Expo
- **Certificate of Appreciation** – NSU Service Learning Center
- **'Who's Who Among America's Teachers'**, 2006
- **STARS Summer Research Fellowship**, Norfolk State University, 2006

- **Certificate of Appreciation** – Outstanding Service to Student Success Seminars, 2005-2006
- **Certificate of Appreciation** – for serving as judge in LSAMP undergraduate research symposium, July 20, 2006.
- **Contributor of the Year**, School of Science and Technology, Norfolk State University 2005.
- Nominated and named in the “*Who's Who Among America's Teachers*® **9th Edition**, 2004-2005”, September 2005
- Outstanding Service to the STARS Advising and Mentoring Initiative
- First View Service award, 2005
- **Teaching Assistant Award for Outstanding Achievement**, ECE Department, Old Dominion University, April 2000.
- **Summer Research Fellowship**, Old Dominion University, 1998.
- **The IEE Prize for Outstanding Academic Achievement**, United Kingdom, 1991.

Articles/Interviews

- Panelist on Another View Radio Show, Host Barbara Hamm Lee, LIVE Friday, April 4, 2014
- Making Waves, NSU publication, VNurse project featured, 2011
- “NSU The Story Behind the Story”, featured in the University video, 2011
- “**At Work With**” article by Jaedda Armstrong, The Virginia Pilot, October 25th, 2009
- **Local Students try modeling and simulation tech**, by Jaedda Armstrong; article featuring my graduate research student Terin Reed and the work he has done at CGS on his thesis
- “**Virtual Engineering ...**”, The Spartan Echo, October 7th, 2009
- **Interview JP Godsey Show, WPMH AM 670, 9/2/2009**
- **Gaining through Gaming - Inside Business** article written about my work in M&S, March 17, 2008

Presentations

Invited Panel Presentations/panelist:

1. Panelist, Engineering Panel, Chrome STEM Summer Camp, July 9th, 2014
2. Panelist and chair: “Motion Capture and its use in medical simulations”, IMSH, 2012, Jan 30 – Feb 1, 2012, San Diego CA.
3. Panelist: “The Many Faces of Social Networking”, Rensselaer Eleventh Annual Colloquium on Teaching and Learning: Social Networking- The Power of Many, May 23rd and 24th, 2011.

4. Panelist (and chair): “Advances in STEM Education, Training, and Research - Gaming and Virtual Simulations”, BEYA Conference, Washington DC, February 17 – 20, 2011
5. “Beating the Odds: Embracing Diversity”, 2009 Virginia Network Annual State Conference, Putting the Pieces Together: Bringing Unity and Balance into Your Life, Petersburg VA, May 29th 2009.
6. K-12 Panel presentation, “M&S in Education Challenges at the College Level”, MODSIM World Conference & Expo, VA Beach, VA, September 16, 2008
7. Panel presentation, “Gaming and Simulation”, K-12 Teacher Technology Workshop, ECPI College of Technology, VA Beach, March 24, 2008
8. Panel presentation, “Game Development for Engineering Education”, MODSIM World Conference & Expo, VA Beach, VA, September 12, 2007
9. Panelist, Adventures in Engineering Program, Society of Women Engineers – Hampton Roads Section, Hampton University, VA, April 14, 2007.
10. Panelist, CASE Media Symposium Service, “Aligning and Linking Academics across disciplines for successful student outcomes”, NSU, Norfolk VA, April 5, 2004.
11. “Engineering Education @ CGS”, Presentation to NASA and NIA, June 4th, 2007

Invited Presentations:

12. **Keynote Speaker:** Science and Engineering Track, “Serious Games for Engineering Education: an Achievable Reality or a Hopeless Dream?”, MODSIM World Conference, Hampton Roads convention Center, Hampton VA April 15-17, 2014
13. “Introduction to Gaming and the Kodu Game Engine”, Spartan Prep Academy Presentation, NSU-CGS, Norfolk, VA, August 6th, 2013
14. “Computer Gaming and Simulation: Introduction to Kodu Gaming Engine”, President’s STEM Initiative Presentation, NSU-CGS, Norfolk, VA, July 31st, 2013
15. “Introduction to Gaming and the Kodu Game Engine”, Health and Science Summer Academy, session for middle school students, July 15 - 16, 2013, NSU.
16. Gaming and Simulation @ NSU, Presentation to EVMS, April 4th 2013
17. “Gaming and Simulation”, AVID Program Presentation, NSU-CGS, October 25th, 2012
18. “Gaming and Simulation @ NSU”, AIME Conference, NSU and Sheraton Norfolk, VA, Sept 5-6, 2012
19. “Playing the Right Game”, LEC Urban Youth Summer Academy, MCAR, August 4, 2011
20. “Ethics in Research”, CSET Summer Bridge Program, Norfolk State University, June 3rd, 2011.
21. Teacher Workshop: “Modeling and Simulation using Scratch”, Scratch Day, NSU, June 4, 2011.
22. **Keynote Speaker:** “Playing and Learning? Educational Gaming for Engineering Education”, Rensselaer Eleventh Annual Colloquium on Teaching and Learning: Social Networking- The Power of Many, May 23rd and 24th, 2011.
23. “Getting LinkedIn”, Staff Development Workshop, NSU, May 2011
24. “VNurse 3D Nurse Training Simulation”, TATRC PLR, March 29, 2011
25. “VNurse Project overview”, Booth presentation, Medicine Meets Virtual Reality (MMVR) conference, Newport Beach California, 2011

26. S.T.E.M It's A Girl Thing: Teacher Workshop, "Gaming and Simulation", Rasha Morsi, April 10, 2010
27. Teacher Workshop: "Modeling and Simulation using Scratch", Scratch Day, NSU, May, 2010.
28. "M&S and Gaming in K-12", September 22nd, 2009, WHRO, Norfolk, VA
29. Game Development Workshop for Health Sciences High School Students, Norfolk State University, July 6th, 2009
30. Game Development Workshop for Health Sciences Middle School Students, Norfolk State University, July 10th, 2009
31. "Ethics in Research", CSET Summer Bridge Program, Norfolk State University, July 9, 2009.
32. "Technical Presentations I, II, and III", CSET Summer Bridge Program, Norfolk State University, July 6, 13, and 14, 2009.
33. "Playing the Right Game", Olivet Institutional Baptist Church Youth College, NSU President's Conference Room, June 25th, 2009.
34. "Ethics in Research", CSET Summer Bridge Program, Norfolk State University, July 9, 2009.
35. "Gaming and Education", STARS Summer Research Program, June 1st, 2009
36. Teacher Workshop: "Modeling and Simulation using Scratch", Scratch Day, NSU, May 16th, 2009
37. "Playing the Right Game", Plenary speaker, Career Fair 2009 hosted by Paul D. Camp and the Western Tidewater Tech Prep Consortium, April 2009.
38. Workshop: "Gaming and Education: The Good, The Bad, and The In Between", *Preparing leaders for Innovation in Science and Technology in a Global Society* 66th Joint Annual Meeting of the BKC/NIS, March 25-29, 2009
39. "Engineering and Gaming" presentation to 4th and 5th graders at Mack Benn Elementary School, February 13th 2009 (~100 4th graders, and ~95 5th graders were in attendance)
40. "Gaming and education" presentation to 8th - 10th graders at An Achievable Dream School, Newport News, VA, October 10th 2008
41. "CGS Brain Busters", MODSIM World Conference & Expo, VA Beach, VA, September 17, 2008
42. "Gaming and Simulation @ NSU", CSET faculty Development Workshop, May 15 2008
43. "Gaming and Simulation @ NSU", Engineering Advisory Board, Norfolk State University Board, April 11, 2008
44. "Gaming and Simulation @ NSU", Norfolk State University Board of Visitors, March 21, 2008
45. "Game Development for Engineering Education", Advanced Technology Center, VA Beach, VA, January 22, 2008
46. 'Gaming and Simulation: Past, Present, and Future', Norfolk State University, McDemmond Center, October 18th 2007.
47. 'Gaming and Simulation', Paul D. Camp Community College, Suffolk VA, October 16th 2007.
48. 'Gaming and Simulation: Past, Present, and Future', Paul D. Camp Community College, Suffolk VA, October 4th 2007.

49. 'Game Development for Engineering Education', Old Dominion University, February 23rd, 2007.

Paper Presentations:

50. **Rasha Morsi**, Walaa Mahmoud, Bratislav Cvijetic "KWIZOPIA: A 3D Quiz Game for K-12 Education", 9th International Technology, Education and Development Conference (INTED) 2015 Conference, Madrid, Spain, (Accepted for virtual presentation) March 2-4, 2015.
51. **Rasha Morsi**, Twanda Gainer, "A 3D Simulation for Medical-Surgical Nurse Preparation", INACSL 2015, Atlanta, Georgia (Accepted for presentation), 2015
52. **Rasha Morsi**, "VNurse: A 3D Simulation for Nurse Training", Healthcare Education Assessment Training and Technology (HEATT) Conference, Orlando, Florida, August 22-24, 2014.
53. **Rasha Morsi**, Mona Rizvi, Jun Wang, Bratislav Cvijetic, Cyntrica Eaton, "VNurse: A 3D Simulation Tool for Nurse Training", (Poster), INACSL 2012, San Antonio Texas, June 20-23, 2012.
54. Rasha Morsi, Terin Reed, "CGS Brain Busters: A K-16 Dynamic Educational Boxing Game", ASEE MidAtlantic Conference – Engineering Education for the Next Decade, Philadelphia PA, October 28-29, 2011
55. 'Work in Progress - BINX: A 3D XNA Educational Game for Engineering Education', IEEE Frontiers in Education Conference, Washington DC, October 27-30, 2010
56. 'Student Success Seminars: A School Level Freshman Intervention Program', Frontiers in Education Conference, Milwaukee, WI, Oct. 12, 2007
57. 'Concept Maps: Development and Validation of Engineering Curricula', Frontiers in Education Conference, Milwaukee, WI, Oct. 11, 2007
58. 'Playing and Learning? Educational Gaming for Engineering Education', Frontiers in Education Conference, Milwaukee, WI, Oct. 12, 2007
59. 'A Generalized Formal Specification Framework for Communication Protocols', The 9th International Symposium on Wireless Personal Multimedia communications (WPMC), September 17-20, 2006, San Diego CA.
60. 'NAIT or ABET? How different is different?', 2006 sASEE Annual conference and Exposition, Chicago, IL.
61. CLDT: A Combinational Logic Circuit Design Tool for Use in Electrical and Computer Engineering Curricula', 2006 ASEE Illinois-Indiana and North Central Joint Section Conference, Fort Wayne, Indiana, March 30 – April 1, 2006
62. 'Concept Maps: An active learning and assessment tool in Electrical and Computer Engineering', 2006 ASEE Illinois-Indiana and North Central Joint Section Conference, Fort Wayne, Indiana, March 30 – April 1, 2006
63. 'Interactive Web-based Applications for the Undergraduate Education of Electrical and Computer Engineers', American Society for Engineering Education (ASEE) 2004 conference, June 20-23, Salt Lake City, Utah.
64. 'A Formal Model of the OSI Reference Model', 2001 International Symposium on Performance Evaluation of Computer and Telecommunication Systems (SPECTS), July 2001.

Other Presentations:

65. RPS Governor's CTE Academy for STEM Visit to NSU, Gaming Demo, November 12th 2014
66. Science Alive Girl Scout Workshop, Electrical Engineering workshop, Saturday September 27th 2014
67. Massie Emerging Young Leaders Community Summit, Gaming Workshop, Saturday Feb 22, 2014
68. Research Ethics, DNIMAS APS class, September 4th 2013, NSU
69. "Gaming and Simulation @ NSU", Presentation to EVMS, NSU-MCAR, March 3rd, 2013
70. "Introduction to Gaming and the Kodu Game Engine", Saturday Scientist Program, workshop for high school students, April 21, 2012, NSU.
71. "VNurse: A 3D Simulation environment for Nurse Education and Training", Hampton University Nursing Department graduate program, June 2011.
72. "Social Media: Get connected", September 25th 2010, Society of office Professionals workshop, Norfolk State University
73. Teen Tech program, Cuffee Public Library, Chesapeake VA, March 13, 2010
74. "Engineering Graduate Programs", Engineering Department Advisory Board, October 22nd, 2009
75. "Creative Gaming and Simulation", Engineering Department Advisory Board, October 22nd, 2009.
76. Game Development for K-12 using the PC and Mac Operating Systems, CSET, NSU, July 23rd, 2009
77. "Teacher Scholar Model". Presentation made to the Faculty of CSET during the Faculty Development Workshop. May 13th, 2009

Expo Presentations and Demos:

78. The International Nursing Association for Clinical Simulation and Learning (INACSL), Nursing Simulation Conference (Expo), Orlando, Florida, June 18-21, 2014
79. MODSIM World Conference (Expo), Hampton Roads convention Center, Hampton VA April 15-17, 2014
80. The International Nursing Association for Clinical Simulation and Learning (INACSL), Nursing Simulation Conference (Expo), Las Vegas, Nevada, June 11-15, 2013
81. IMSH, International Medical Simulation in Healthcare Conference (Expo), Orlando, Florida, January 26th – 29th, 2013

Recruitment Activity:

82. Nansemond River High School, November 23, 2014
83. Suffolk Public Schools Career Day, KFMS, Nov 1st, 2014
84. SDSU Graduate and Job Fair and High School recruitment, October 14-18 2014, Sand Diego, CA.
85. Morgan State Job Fair, Maryland, October 5, 2014

86. ECE Department, Old Dominion University, Recruitment presentation, April 17th, 2014
87. Morgan State Graduate Fair, Maryland, April 9, 2014
88. NSBE Graduate Fair Expo, Nashville, TN, March 26-29, 2014.
89. CTE Month presentation/recruitment at South Hampton High School, Courtland VA, February 11, 2014
90. Attended the Virginia Union graduate fair in Richmond VA Oct. 10, 2013 to recruit for the graduate program. Travel through Title III.
91. Attended the Virginia Commonwealth graduate fair in Richmond VA Oct. 3, 2013 to recruit for the graduate program. Travel through Title III.
92. Attended the Virginia State graduate fair in Petersburg VA Sept 24, 2013 to recruit for the graduate program. Travel through Title III.
93. Attended the Fayetteville graduate fair in Fayetteville NC Sept 19, 2013 to recruit for the graduate program. Travel through Title III.
94. AAUW Graduate Fair, College Park, MD, May 31, 2013
95. BigSur Graduate Fair, High Point, NC, March 5-6, 2013

Workshops/Professional Development activities

Organized Workshops

1. Turnitin Faculty Training, CSET Graduate Faculty, November 9 and 14, 2014
2. Society of office Professionals workshop, “Social Media: Get connected”, September 25th 2010, Norfolk State University – Organizer: Rasha Morsi
3. NIA High School Teacher development workshop, “Using Scratch in the classroom”, April 27th 2009, Norfolk State University - Organizer: Rasha Morsi, Co-organizer: Mona Rizvi
4. Middle School Technology Coordinator Teacher development workshop, “Using Scratch in the classroom”, October 2008, Norfolk State University - Organizer: Rasha Morsi, Co-organizer: Mona Rizvi
5. High School Teacher development workshop, “Using Scratch in the classroom”, May 29th 2008, Norfolk State University - Organizer: Rasha Morsi, Co-organizer: Mona Rizvi
6. Chesapeake Library Gaming Workshop, Gaming workshop for 12-16 year olds to teach them how to develop games. Chesapeake VA, May 17, 2008
7. Faculty Development Workshop “Gaming and Wireless Technology Workshop”, April 28-29, 2008, Norfolk State University.
8. Wireless Technology Workshop, March 12th 2008, Norfolk State University (for industry and academia) – Organizer: Rasha Morsi, Co-organizer: Mona Rizvi.
9. Faculty Development Workshop “Wireless Technology Workshop’ held February 6-8, 2007, Douglas Wilder Center, Norfolk State University

Co-organized Workshops

10. Teacher Technology Workshop, ECPI College of Technology, March 24, 2008
11. Technology Day, ECPI College of Technology, March 7, 2008

12. ITW 2006, ECPI College of Technology, April 10 – 12, 2006

Member, Technical Program Committee

- 13th Communications and Networking Simulation Symposium (CNS'10), Orlando, Florida, April 2010.
- 12th Communications and Networking Simulation Symposium (CNS'09), San Diego, CA, March 2009.
- 11th Communications and Networking Simulation Symposium (CNS'08), Ottawa, Canada, April 13-16, 2008.

Attended (Professional Development)

- Sexual Misconduct Board Training, NSU, October 23rd 2014
- Student Conduct Board Training, NSU, August 22nd 2014
- Healthcare Education Assessment Training and Technology (HEATT) Conference, Orlando, Florida, August 22-24, 2014.
- NSU Faculty Development Workshop, May 14-15 2014
- Security Awareness Training, NSU, Feb. 27th 2014
- HR Supervisory Training, NSU, Nov 14th 2013
- Assessment Leadership Institute, Saturday Nov. 9th, 2013
- Assessment Leadership Institute, Saturday Sept. 22nd, 2013
- HR Supervisory Training, NSU, May 23rd 2013
- Leadership Development for Academic Department Chairs, May 14-16, 2013, Williamsburg, VA
- NSF TUES Advance Grant Writing Workshop, Holiday Inn, November 19-20, 2012, Arlington VA.
- AIME Conference, Sheraton Norfolk, VA, Sept 5-6, 2012
- The International Nursing Association for Clinical Simulation and Learning (INACSL), Nursing Simulation Conference, San Antonio, Texas, June 2012.
- ITEC 2012, 22-24 May 2012, Excel London, United Kingdom
- CSET Faculty Development Workshop, May 2012
- IMSH, International Medical Simulation in Healthcare Conference, San Diego CA, January 2012.
- The International Nursing Association for Clinical Simulation and Learning (INACSL), Nursing Simulation Conference, Orlando, Florida, June 2011.
- Motion Capture System Training, CGS MoCap lab, July 11-12, 2011
- Deans, Directors, Department Heads Training, May 19, 2011.
- Mediasite Training, March 17, 2011.
- FIE 2010, Frontiers in Education Conference, Washington DC, October 2010.
- The International Nursing Association for Clinical Simulation and Learning (INACSL), Nursing Simulation Conference, Las Vegas, Nevada, June 2010.
- MODSIM World 2010, Hampton, VA, October 2010
- IITSEC Conference, Orlando Florida, November 30 – December 3, 2009.
- MODSIM World 2009, VA Beach, VA, October 14-16, 2009

- Senator Warner's Virginia Summit on Modeling & Simulation, Tuesday, October 13, 2009
- CSET Faculty Development Workshop, May 12-24, 2009
- BEYA Global Competitive STEM Conference, February 19 – 21, 2009.
- INSITE: Broadening Participation in Computing Disciplines Conference, October 9-10, 2008, VA Beach, VA
- NSF Grant Writing Workshop, NSF Headquarters, Feb. 25-26, 2008.
- NDIA Modeling and Simulation Summit, VA Beach. VA, Feb. 11, 2008.
- NSF Grant writing workshop, Old Dominion University, September 17th 2007.
- Games, Learning, and Society Conference, Madison WI, July 11-13 2007.
- Game Based Learning Workshop for Educators, VMASC, Suffolk VA, Apr. 24th 2007.
- E-LEARN-Teaching Online, online course, April 23-28, 2007
- MathLab workshop held at NSU Thursday & Friday December 7 – 8, 2006.
- RWS 2006 - IEEE Radio and Wireless Symposium, San Diego CA, January 17-19, 2006
- Fourth Generation Mobile Forum – Towards 2020, San Diego CA, July 7-8, 2005.
- CSET Faculty Development workshops: 2004 - 2008
- Mentoring Workshop held at CMR-NSU, November 16, 2006
- Service Learning in a Global Context: A Faculty/Staff workshop, ODU, 9/23/2005
- NSF Day @ NSU, L. Douglas Wilder, January 5th, 2005
- Fulbright Workshop March 3, 2004
- Collaborative In-Service Workshop, NSU, Sept. 1, 2004
- DOD proposal writing workshop – September 22 & 23, 2004