

Elizabeth R. Rasnick
Assistant Professor of Information Technology
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Degrees

Ph.D., Information Technology, Old Dominion University, Norfolk, Virginia, 2016
M.B.A., Information Technology, Old Dominion University, Norfolk, Virginia, 2011
M.S., Computer Science, Old Dominion University, Norfolk, Virginia, 2009 B.S.,
Computer Science, Longwood University, Farmville, Virginia, 1997

Certificates

Graduate Certificate, Modeling and Simulation, Old Dominion University, Norfolk, VA, 2013
Thermography, Level I Certificate, Infrared Training Center, Massachusetts, 2007, renewed 2015
Teaching Certificate, Computer Science and General Mathematics, Virginia, 1997, renewed 2004

Teaching Experience

Assistant Professor, Georgia Southern University, Statesboro, Georgia, 2016 – present
Adjunct Instructor, Old Dominion University, Norfolk, Virginia, 2010 – 2016
Instructor, Tidewater Tech, Norfolk, Virginia, 2006
Teacher, Menchville High School, Newport News, Virginia, 2003 - 2005 *Teacher*,
Woodside High School, Newport News, Virginia, 1997-1998

Research Experience

National Science Foundation, Grant Proposal Panelist, Virtual Panel, January 2021 National
Science Foundation, Grant Proposal Panelist, Virtual Panel, January 2018
National Science Foundation, Grant Proposal Panelist, Arlington, VA, June 2018
Social Classification System, Facet Approach to Collaborative Categorization and Classification, National
Science Foundation Funded, 2008 – 2012
Graduate Research Assistant, Business Applications using Modeling and Simulation, Virginia Modeling,
Analysis, and Simulation Center Funded, 2012 – 2015

Publications Papers

He, W., Chee, T., Chong, D. Z., & Rasnick, E. (2012). Analyzing the trends of e-marketing from 2001 to 2010
with the use of bibliometrics and text mining. *International Journal of Online Marketing*, 2(1), 16–24.
He, W., Chee, T., Chong, D., & Rasnick, E. (2012). Using bibliometrics and text mining to explore the trends of
e-marketing literature from 2001 to 2010. In *E-Marketing: Concepts, Methodologies, Tools, and
Applications* (pp. 341-349). IGI Global.

Conference Proceedings

Thackston, Rasnick and Kadlec. Case Study: Lessons Learned While Laying the Foundation for a High School
Computer Science Curriculum. SAIS 2018 Proceedings 26.
Rasnick and Chatfield. “Information Blackouts in a Multi-Echelon Supply Chain Simulation”. Invited paper,
Supply Chain and Logistics track, Winter Simulation Conference 2017, Las Vegas, NV.

- Rasnack, E. 2016. A Study of the Impact of Information Blackouts on the Bullwhip Effect of a Supply Chain Using Discrete-Event Simulation. 2016 Modeling Simulation and Visualization Student Capstone Conference, Suffolk, VA.
- Rasnack, E. and D.C. Chatfield. 2015. Simulating the Bullwhip Effect in a Multi-echelon Supply Chain. 2015 Modeling Simulation and Visualization Student Capstone Conference, Suffolk, VA.
- Rasnack, E, J. Hilton, and F.G. Wilson. 2013. A Study of Contagion Spread among a Finite Human Population on a Naval Vessel. 2013 Modeling Simulation and Visualization Student Capstone Conference, Suffolk, VA.
- Rasnack, E. 2012. Technology Adoption in the Home Inspection Industry. Decision Sciences Institute, 2012 Conference, San Francisco, CA.
- Fu, L., Maly, K., Rasnack, E., Wu, H., and Zubair, M. 2011. In A. Jose, D. Madalli, & A. Prasad (Ed.) User Experiments of a Social, Faceted Multimedia Classification System. Proceedings of the International Conference on Digital Libraries & Knowledge Organization (156 - 167). Gurgaon: Management Development Institute.
- Coppage, S., Wu, H., and Rasnack, E. 2010. Collaborative Computing Behaviors in a Digital Archive. IABPAD Conference Proceedings.
- Rasnack, E. 2008. Looking Outside the Box. Inframation 2008, Reno, NV.

Presentations

- “Women in IT: Recruiting and Retaining Best Practices”, Convergence College Network Webinar Presentation with Chris Kadlec, December 4, 2020.
- “Cyber Security Basics” virtual presentation, Parent University, November 4, 2020, presented to Parent University students.
- “Cybersecurity Considerations when holding Virtual Classes” virtual presentation, Parent University, presented to Parent University instructors and administrators, September 19, 2020.
- Panelist in Opening Session, Women in Cyber Security (WiCyS) Virtual Conference, April 15 – 17, 2020.
- “Underrepresented student populations in an IT program: Successes and Failures”, Conference Presentation with Chris Kadlec, SEDSI 2020, Charleston, SC, February 12-14
- “What is STEM?” Bulloch Retired Educators Association, March 14, 2018, Statesboro, GA.
- “Cyber security”, United Methodist Women, Statesboro First Methodist Church, October 9, 2017, Statesboro, GA.

Service to the Profession

- Women in Cyber Security, Georgia Affiliate, Founding Committee, 2020
- Logistics Track Committee Member, Informs Winter Simulation Conference, National Harbor, Maryland, December 2019
- Student Paper Track Chair, SEDSI, 2019, 2020
- Logistics Track Committee Member, Informs Winter Simulation Conference, Gothenburg, Sweden, December 2018
- Event Judge at TSA in Athens, March 16 and 16, 2018
- Student Paper Track Judge, SEDSI, 2017

University/ Department Assignments

- Faculty Co-Adviser, SouthernHacks, Georgia Southern University Hackathon, 2020, 2021
- Student Success Committee, Fall 2018 – present
- Institute for Interdisciplinary STEM Education (i²STEM[®]) affiliate, Fall 2016 – present
- Gateways to Completion Committee, Fall 2018 – Fall 2019

For the Love of Blue, Department Coordinator, Spring 2019, Spring 2021
Assessment Committee, Fall 2017 – present
Outreach Committee, Fall 2017 – present
Graduation Committee, Fall 2016 - present
Women in Technology, student organization, faculty adviser, Fall 2017 – present
Association of Information Technology Professionals, TekLan faculty monitor, Fall 2017– present
Conversations with Professors, Fall 2017, Summer 2018, Fall 2018, Summer 2019, Fall 2019
Living Learning Community, Faculty Talks, Fall 2016, Spring 2017, Fall 2017
Paint the Town Blue competition, Fall 2016, Fall 2017, Fall 2018

Professional History

Academic Advisor, College of Business Undergraduate Advising Office, Old Dominion University, Norfolk, Virginia, Summer 2010, Summer 2011, Summer 2013
Office Manager, Pete Sessa & Associates, Inc, Virginia Beach, Virginia, 2004 – 2016
Office Assistant, DLM Architects, Virginia Beach, Virginia, 2009
Programmer Analyst, Quick Response Team, Ferguson Enterprises, Incorporated, Newport News, Virginia, 1998 - 2002

Awards

Women in Cyber Security (WiCyS) Conference Attendance Grant, Aurora, CO, March 2020
Women in Cyber Security (WiCyS) Conference Attendance Grant, Pittsburg, PA, March 2019
Beta Gamma Sigma International Honor Society, Induction 2016
Outstanding Graduate Teaching Award – Classroom, 2015 – 2016 Academic Year
Alpha Iota Delta International Honor Society, Induction 2015
Virginia Modeling and Simulation Center Research Assistantship, 2012 – 2013 Academic Year, renewed 2013 – 2014 Academic Year and 2014 – 2015 Academic Year
Max B. Jones Endowed Scholarship, 2010 – 2011 Academic Year
Shining Star Teaching Award, Student Nominated Honor, 2010 – 2011 Academic Year and 2015 – 2016 Academic Year