

# Elizabeth R. Rasnick

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## Education

### 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

### Teaching Experience

*Adjunct Instructor*, Old Dominion University, Norfolk, Virginia, 2010 – 2015  
*Instructor*, Tidewater Tech, Norfolk, Virginia, 2006  
*Teacher*, Menchville High School, Newport News, Virginia, 2003 - 2005  
*Teacher*, Woodside High School, Newport News, Virginia, 1997-1998

### Teaching Interests

Integrating the technology we discuss in class is a key focus for me. My students learn how to use the technologies covered in class. They also discover how information technology can impact their lives beyond the classroom. I design assignments to improve the information literacy of my students. Most students believe they have mastery of internet search skills and information, but when tested on it their understanding is much less than they expected. The right assignments improve students' mastery greatly.

## **Research**

### **Research Experience**

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

### **Research Interests**

Modeling and Simulation of Business Systems  
Knowledge Networks and Management  
Bibliometrics

## **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 – present  
*Office Assistant*, DLM Architects, Virginia Beach, Virginia, 2009  
*Programmer Analyst*, Quick Response Team, Ferguson Enterprises, Incorporated, Newport News, Virginia, 1998 - 2002

## **Conferences**

### **Attendance**

Student Capstone Conference, Virginia Modeling, Analysis, and Simulation Center, Suffolk, VA, 2015.  
Americas Conference on Information Systems, 2014, Savannah, GA.  
Decision Sciences Institute, 2013, Baltimore, MD.  
Student Capstone Conference, Virginia Modeling, Analysis, and Simulation Center, Suffolk, VA, 2013.  
Decision Sciences Institute, 2012, San Francisco, CA.  
International Conference on Digital Libraries & Knowledge Organization, 2011.  
Management Development Institute, Gurgaon, India.

### **Presentations**

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.

Rasnick, 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.

Rasnick, E. 2012. Technology Adoption in the Home Inspection Industry. Decision Sciences Institute, 2012 Conference, San Francisco, CA.

Fu, L., Maly, K., Rasnick, 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.

Rasnick, E. 2008. Looking Outside the Box. Inframation 2008, Reno, NV.

### **Publications**

#### **Papers**

He, W., Chee, T., Chong, D., and Rasnick, E. 2012. Using Bibliometrics and Text Mining to Explore the Trends of E-Marketing Literature from 2001 to 2010. International Journal of Online Marketing, 2(1), 16-24, January-March 2012.

#### **Conference Proceedings**

Rasnick, E. 2008. Looking Outside the Box. Inframation 2008, Reno, NV.

Coppage, S., Wu, H., and Rasnick, E. 2010. Collaborative Computing Behaviors in a Digital Archive. IABPAD Conference Proceedings.

### **Awards**

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