



## RESEARCH EXPERIENCE

### **Journal Publications:**

Matook, S., Cummings, J. & Bala, H. (2015). Are you feeling lonely? The Impact of Relationship Characteristics and Online Social Network Features on Loneliness. *Journal of Management Information Systems*, 31(4), 278-310.

Cummings, J. & Hill, S. (2015). Enhancing the Classroom Experience: Instructor Use of Tablets. *Information Systems Education Journal*, 13(3), 81-99.

Kleinberg, H., Reinicke, B. & Cummings, J. (2015). Cyber Security Best Practices: What to do? *Journal of Information Systems Applied Research*, 8(2), 52-59.

Janicki, T., Cummings, J. & Healy, R. (2015). Incorporating a Human-Computer Interaction Course into Software Development Curriculums. *Information Systems Education Journal*, 13(2), 81-98.

Cummings, J., Janicki, T. & Kline, D. (2014). Shifting Technological Landscape: IT Departments and Anticipated Technological Changes. *Journal of Information Systems Applied Research*, 7(4), 37-49.

Reinicke, B. A. & Cummings, J. (2014). Can Social Media aid Software Development? *Journal of Information Systems Applied Research*, 7(3), 56-64.

Janicki, T., Cummings, J. & Kline, D. (2014). Information Technology Job Skill Needs and Implications for Information Technology Course Content. *Information Systems Education Journal*, 12(6), 59-70.

Taylor, N., Dennis, A.R. & Cummings, J. (2013). Situational Normality and the Shape of Search: The Effects of Time Delays and Information Presentation on Search Behavior. *Journal of the American Society of Information Science and Technology*, 64(5), 909-928.

Cummings, J. (2013). The Impact of Intra-Organizational Social Networking Sites on Impression Formation. *Journal of Information Systems Applied Research*, 6(2), 40-50.

Blake, R. T., Massey, A. P., Bala, H., Cummings, J. & Zotos, A. (2010). Driving health IT implementation success: Insights from The Christ Hospital. *Business Horizons*, 53(2), 131-138.

### **Selected Refereed Conference Proceedings:**

Cummings, J. & Hill, S. (2015). Bringing Innovation to the Classroom: Instructor Use of Tablets to Improve Classroom Tasks across Varying Learning Styles. *Twenty-first Americas Conference on Information Systems*, Puerto Rico.

Cummings, J. & Dennis, A. (2014). Do SNS Impressions Matter? Virtual Team and Impression Formation in the Era of Social Technologies. *Twentieth Americas Conference on Information Systems*, Savannah, GA.

Cummings, J. & Reinicke, B. A. (2014). Enterprise SNS Use and Profile Perceptions: A Comparison of Cultures. *Twentieth Americas Conference on Information Systems*, Savannah, GA.

Cummings, J. & Hill, S. (2014). Enhancing the Classroom Experience: Instructor Use of Tablets. *Information Systems Education Conference*, Baltimore, MD.

Kleinberg, H., Reinicke, B. & Cummings, J. (2014). Cyber Security Best Practices: What to do? *Annual Conference for IS Applied Research*, Baltimore, MD.

Janicki, T., Cummings, J. & Healy, R. (2014). Incorporating a Human-Computer Interaction Course into Software Development Curriculums. *Information Systems Education Conference*, Baltimore, MD.

Cummings, J. (2012). The Impact of Intra-Organizational Social Networking Sites on Impression Formation. *Proceedings of the 5<sup>th</sup> Annual Conference for IS Applied Research*, New Orleans, LA.

Cummings, J., Massey, A.P. & Ramesh, V. (2009). Web 2.0 Proclivity: Understanding How Personal Use Influences Organizational Adoption. *Proceedings of the 27th ACM International Conference on Design of Communication*, Bloomington, IN.

### **Research in Progress:**

Cummings, J. & Dennis, A.R. (Under Review (2<sup>nd</sup> round), *MISQ*) "Virtual First Impressions Matter: The Effect of Social Networking Sites on Impression Formation in Virtual Teams."

Cummings, J., Dennis, A.R., O'Donoghue, S. & Cooney, K. (Under Review, *JMIS*) "The Effects of Social Media: An Event Study."

Dennis, A.R., Cummings, J. & Hegde, A. (preparing for submission, *MISQ*) "The Influence of Enterprise Social Networking Profile Designs on Knowledge Sharing Intentions in Virtually Collaborative Teams."

Cummings, J. (literature review and analysis, target: *EJIS*) "The Moderating Effect of User Engagement on User Behaviors and Impressions in Enterprise SNS"

Cummings, J. & Reinecke, B. (literature review and analysis, target: *JIT*) "Cultural Differences and Enterprise SNS Use: Is It All for Fun?"

Cummings, J. & Kline, D. (data collection and analysis, target: *tbd*) "A Longitudinal Study of Security Perceptions and Online Trust."

Cummings, J. & Mautz, R. (data collection, target: *tbd*) "Heuristics and SNS: An Analysis of Impressions using Eye-Tracking."

Klienberg, H., Reinecke, B. & Cummings, J. (finalizing for submission, target: *JMIS*) "Theory of CyberSecurity within Organizations."

Cummings, J., Kline, D. & Abate, M. (finalizing for submission, target: *International Journal of Network Management*) "An Applied Case of an IPv6 Conversion in a Midsized Business LAN"

## TEACHING EXPERIENCE

University of North Carolina Wilmington  
Information Systems and Operations Management Department

August 2012 – Present

*Introduction to Information Systems (MIS213) – Taught 8 times*

An introductory course for all business majors covering IS concepts and skills including Excel and Access

*Introduction to Business Application Development (MIS216) – Teaching Fall 2015*

An introduction to computer programming in a business context using a modern high level programming language. Topics include program flow constraints, programming logic, objects, and other basic programming techniques. Emphasis is on good style, and the creation of high-quality applications that help the organization.

*Web/Device Development (MIS310) – Taught 1 time*

Study of the design and creation of basic Web pages in the business environment. Topics include page structure, human computer interface design, style sheets, reusability, and design basics. An emphasis is placed on best industry practice and responsive design. Focus of course is on HTML5, CSS3 and Bootstrap.

*Business Telecommunications (MIS323) – Taught 3 times*

An upper level course covering the role of telecommunications in businesses, including relevant terminology, concepts, hardware, software, protocols and architectures. Topics include the design, purchase, integration, and use of telecommunications technologies and systems.

*Information Technology Project Management (MIS419/MIS519) – Taught 2 times*

An upper level course introducing students to the fundamentals of project management, beginning with project definition through the post-project review. An emphasis is placed on applying project management concepts and techniques to IT projects.

*Information Security Management (MIS534) – Taught 3 times*

A graduate level course examining the current standards of due care and best business practices in Information Security. Focus is on evaluation and selection of optimal security posture. Topics include evaluation of security models, risk assessment, threat analysis, organizational technology evaluation, security implementation, disaster recovery planning and security policy formulation and implementation.

*Project Management and Systems Analysis (S310) – Taught 2 Times*

An undergraduate course designed to allow students to develop the knowledge and skills necessary for successfully analyzing business problems & opportunities while designing systems to address these problems and/or opportunities. Topics covered include concepts of object-oriented systems analysis and design, unified modeling language (UML), and project management.

*Technology Infrastructure (S305) – Taught 3 times*

An undergraduate course providing a basic understanding of the technical and managerial aspects of data communications and networking infrastructure. Topics include coverage of the OSI and Internet Models, how messages move from client to client through the Internet, network design of infrastructure from LAN through WAN, and network management including security and performance improvements.

STUDENT EVALUATION SUMMARY

Evaluation Question	MIS213	MIS310	MIS323	MIS419	MIS519	MIS534
UNCW (FA13 – Present)*: Overall, I rate this instructor an excellent teacher. (scored 1-5 scale, 5 high)	4.88	5.00	4.76	4.95	5.00	5.00
UNCW (FA12 – SP13): Instructor overall teaching effectiveness: (scored 1-7 scale, 7 high)	6.29	-	-	-	-	6.00

\* Starting Fall 2013, evaluations are now calculated on a 5-point scale.

RELEVANT PROFESSIONAL EXPERIENCE

**Senior Systems Analyst, Reliant Energy**

May 2002 – August 2007

Position responsibilities included analysis and ongoing maintenance of the customer billing system, interaction with users to improve functionality, monitoring/maintenance of billing process and programming/design within SAP Utilities (IS-U). Skills: COBOL, ABAP (SAP), VB.Net

**Network Support Specialist, American State Bank**

January 2000 – December 2000

Worked in both teams and individually at a billion dollar bank with 25 branches within Lubbock and throughout West Texas; Maintained their network and worked directly on PCs at all branches of the bank. Maintained Ethernet Network including setting up servers, switches, PCs, and routers for new and existing networks. Other responsibilities included hardware maintenance and software maintenance of all computers and network equipment.

## ACADEMIC SERVICE & AFFILIATIONS

Conference Assistant Chair, Wilmington IT Exchange Conference (2015)  
Faculty Advisor Information Systems Association (2013 – Present)  
Faculty Advisor Cyber Defense Club (2013 – 2014)  
Committee Member for MSCSIS Program (2013 – Present)  
Master's Committee Chair (2 thesis project) and Committee Member (7 thesis projects)

Editorial Board for Journal of Information Systems Applied Research and Information Systems Education Journal

Reviewer (Journals) – JISAR, ISEDJ, AIS Transactions on Replication, Communication and Society, Encyclopedia of Business Analytics

Reviewer (Conferences) – ICIS (Associate Editor), AMCIS, ECIS, PACIS, ACIS, OCIS (AoM Division), CSCW, ISECON, and CONISAR

Professional Affiliations: Association of Information Systems (AIS) and Association of Information Technology Professionals (AITP).

## ACADEMIC AWARDS & HONORS

*Gordon Hulbert Faculty Fellowship (2015-2017)*  
*CONISAR Distinguished Paper Award (2014)*  
*ISECON Distinguished Paper Award (2014)*  
*UNCW Cameron School Summer Research Grant (2013 - 2015)*  
*Finalist for UNCW Cahill Research Grant Award (2014)*  
*ISECON Distinguished Paper Award (2013)*  
*IU DSA Associate Instructor of the Year (2011)*  
*OCIS (Academy of Management) 2011 Doctoral Consortium participant*