

# NICHOLAS ROBERTS

Associate Professor of Computer Information Systems  
College of Business | Colorado State University  
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## Education

Ph.D. in Management Information Systems, Clemson University  
M.S. in Information Systems, Kennesaw State University  
B.A. in English, Georgia College & State University

## Professional Experience

2017-present Associate Professor of Computer Information Systems, Colorado State University  
2013-2017 Assistant Professor of Computer Information Systems, Colorado State University  
2009-2013 Assistant Professor of Management, University of South Carolina Upstate  
2005-2009 Graduate Assistant, Clemson University  
2003-2005 Assistant Director of Information Management, Kennesaw State University  
2001-2003 Systems Analyst, Kennesaw State University  
1998-2001 Merchandiser, Coca-Cola United

## Research

### Refereed Journal Articles

1. Butler, C., Roberts, N., and Vijayasathy, L. (forthcoming) "Managing Software Development Projects for Success: Aligning Plan- and Agility-Based Approaches to Project Complexity and Project Dynamism," *Project Management Journal*.
2. Campbell, D., and Roberts, N. (forthcoming) "Effective Use of Analytic DSS and Job Performance," *Journal of Organizational Computing and Electronic Commerce*.
3. Huangfu, L., Hayne, S., Ma, J., and Roberts, N. (2018) "Factor Analysis of Out-of-Hospital Days Based on Cancer Patients in China," *Pacific Asia Journal of the Association for Information Systems*, 10(4), 101-114.
4. Roberts, N., and Dinger, M. (2018) "Virtual Customer Environment Design and Organizational Innovation: An Exploration-Exploitation Perspective," *Journal of Organizational Computing and Electronic Commerce*, 18(1), 58-73.
5. Roberts, N., Gerow, J., Jeyaraj, A., and Roberts, S. (2017) "A Meta-Analysis of Organizational Learning and IT Assimilation," *The DATA BASE for Advances in Information Systems*, 48(4), 51-68.
6. Wright, R., Roberts, N., and Wilson, D. (2017) "The Role of Context in IT Assimilation: A Multi-Method Study of a SaaS Platform in the US Nonprofit Sector," *European Journal of Information Systems*, 26(5), 509-539.

7. Keen, S., and Roberts, N. (2017) "Preliminary Evidence for the Use and Efficacy of Mobile Health Applications in Managing Posttraumatic Stress Disorder Symptoms," *Health Systems*, 6(2), 122-129.
8. Roberts, N., Campbell, D., and Vijayarathy, L. (2016) "Using Information Systems to Sense Opportunities for Innovation: Integrating Post-Adoptive IS Use Behaviors with the Dynamic Managerial Capability Perspective," *Journal of Management Information Systems*, 33(1), 45-69.
9. Roberts, N., Mellott, M., Dinger, M., and Campbell, D. (2016) "Electronic Medical Record System Avoidance in a Turbulent Environment," *Information & Management*, 53(5), 581-590.
10. Roberts, N., and Dinger, M. (2016) "The Impact of Virtual Customer Community Interactivity on Organizational Innovation: An Absorptive Capacity Perspective," *IEEE Transactions on Professional Communication*, 59(2), 110-125.
11. Roberts, N. (2015) "Absorptive Capacity, Organizational Antecedents, and Environmental Dynamism," *Journal of Business Research*, 68(11), 2426-2433.
12. Duan, C., Grover, V., Roberts, N., and Balakrishnan, J. (2014) "Firm Valuation Effects of the Decision to Adopt Relationally Governed Business Process Outsourcing Arrangements," *International Journal of Production Research*, 52(15), 4673-4694.
13. Mellott, M., Thatcher, J., and Roberts, N. (2013) "Electronic Medical Record Compliance and Continuity in Delivery of Care: An Empirical Investigation in a Combat Environment," *Health Systems*, 2(3), 147-161.
14. Roberts, N., Galluch, P., Dinger, M., and Grover, V. (2012) "Absorptive Capacity and Information Systems Research: Review, Synthesis, and Directions for Future Research," *MIS Quarterly*, 36(2), 625-648.
15. Roberts, N., and Grover, V. (2012) "Leveraging IT Infrastructure to Facilitate Competitive Activity via Customer Agility: An Empirical Investigation," *Journal of Management Information Systems*, 28(4), 231-269.
16. Roberts, N., and Grover, V. (2012) "Investigating Firm's Customer Agility and Firm Performance: The Importance of Aligning Sense and Respond Capabilities," *Journal of Business Research*, 65(5), 579-585.
17. Polites, G., Roberts, N., and Thatcher, J. (2012) "Conceptualizing Models Using Multidimensional Constructs: A Review and Guidelines for their Use," *European Journal of Information Systems*, 21(1), 22-48.
18. Wright, R., Campbell, D., Thatcher, J., and Roberts, N. (2012) "Operationalizing Multidimensional Constructs in Structural Equation Modeling: Recommendations for IS Research," *Communications of the Association for Information Systems*, 30(1), 367-412.
19. Mellott, M., Thatcher, J., Roberts, N., and Carter, M. (2012) "An Examination of the Role of Military Medical Chief Information Officer," *Military Medicine*, 177(7), 850-855.

20. Thatcher, J., McKnight, H., Aarsal, R., Baker, E., and Roberts, N. (2011) "The Role of Trust in Post-Adoption IT Exploration: An Empirical Examination of Knowledge Management Systems," *IEEE Transactions on Engineering Management*, 58(1), 56-70.
21. Mellott, M., Thatcher, J., and Roberts, N. (2011) "An Examination of the Deployed Inpatient Electronic Medical Record," *The AAMA (American Academy of Medical Administrators) Executive Online*, September/October.
22. Gerow, J., Grover, V., Roberts, N., and Thatcher, J. (2010) "The Diffusion of Second Generation Statistical Techniques in Information Systems Research from 1990-2008," *Journal of Information Technology Theory and Application*, 11(4), 5-28.
23. Bhatt, G., Emdad, A., Roberts, N., and Grover, V. (2010) "Building and Leveraging Information in Dynamic Markets: The Role of IT Infrastructure Flexibility as Enabler of Organizational Responsiveness and Competitive Advantage," *Information & Management*, 47(7-8), 341-349.
24. Roberts, N., Thatcher, J., and Grover, V. (2010) "Advancing Operations Management Theory Using Exploratory Structural Equation Modelling Techniques," *International Journal of Production Research*, 48(15), 4329-4353.
25. Roberts, N., and Thatcher, J. (2009) "Conceptualizing and Testing Formative Constructs: Tutorial and Annotated Example," *The DATA BASE for Advances in Information Systems*, 40(3), 9-39.

#### **Refereed Conference Proceedings**

1. Huangfu, L., Hayne, S., Ma, J., and Roberts, N. (2018) "Exploratory Study for Readmission in Cancer Patients," in the *Proceedings of the Twenty-Fourth Americas Conference on Information Systems (AMCIS)*, New Orleans, Louisiana.
2. Mellott, M., Thatcher, J., and Roberts, N. (2012) "Control Mechanisms and Electronic Medical Record Compliance in a Combat Environment: An Empirical Investigation," in the *Proceedings of the Eighth Annual SC Upstate Research Symposium*, Spartanburg, South Carolina.
3. Roberts, N., Gerow, J., and Roberts, S. (2010) "A Meta-Analytic Review and Extension of the Organizational IT Assimilation Literature," in the *Proceedings of the Diffusion Interest Group in Information Technology (DIGIT) Workshop*, St. Louis, Missouri.
4. Roberts, N., and Klein, R. (2009) "Increasing Process Improvement through Internet-based e-Business Innovations," in the *Proceedings of the Fifteenth Americas Conference on Information Systems (AMCIS)*, San Francisco, California.
5. Roberts, N., Thatcher, J., and Klein, R. (2007) "Tying Context to Post-Adoption Behavior Within Information Technology: A Conceptual and Operational Definition of Mindfulness," in the *Proceedings of the Thirteenth Americas Conference on Information Systems (AMCIS)*, Keystone, Colorado.

6. Roberts N., Thatcher J., and Klein, R. (2007) "Using Information Technology Mindfully," in the *Proceedings of the Tenth Annual Conference of the Southern Association for Information Systems (SAIS)*, Jacksonville, Florida.
7. Klein, R., and Roberts N. (2007) "Do As Others Do: Modeling IT Adoption Intentions through Institutional and Social Contagion Theories," in the *Proceedings of the Diffusion Interest Group in Information Technology (DIGIT) Workshop*, Montreal, Canada.
8. Roberts N., Thatcher J., and Klein, R. (2006) "Mindfulness in the Domain of Information Systems," in the *Proceedings of the Diffusion Interest Group in Information Technology (DIGIT) Workshop*, Milwaukee, Wisconsin.

### **Refereed Conference Presentations**

1. Washington, A., Roberts, N., and Thatcher, J. (2012) "The Semantics of Social Media: The Spread of Occupy Protests," presented at the *D.C. Area Information Retrieval Experts Winter Meeting*, University of Maryland Baltimore County, Technology Innovation Center.
2. Mellott, M., Roberts, N., and Thatcher, J. (2011) "Control Mechanisms and Deployed Electronic Medical Record Policy Compliance: A Principal-Agent Perspective," presented at the *Midwest Political Science Association (MPSA) Annual Meeting*, Chicago, Illinois.
3. Klein R., and Roberts N. (2006) "Institutional Influences on Adoption Intention within the Healthcare Industry," presented at the *Academy of Management Annual Meeting (AOM)*, Atlanta, Georgia.

### **Other Presentations**

1. Roberts, N., and Kim, I. (2018) "Organizational Identity and Digital Platform Evolution," Front Range Information Systems Research Seminar, Denver, Colorado.
2. Roberts, N., Campbell, D., and Vijayasarathy, L. (2015) "Using Information Systems to Sense Opportunities for Innovation: Integrating Post-Adoptive IS Use Behaviors with the Dynamic Managerial Capability Perspective," Maastricht University, Maastricht, Netherlands.

## **Teaching**

### **Colorado State University**

CIS 320 – Project Management for Information Systems

CIS 600 – Information Technology and Project Management

### **University of South Carolina Upstate**

SBAD 290 – Introduction to Business Information Systems

SBAD 371 – Principles of Organizational Management

SBAD 390 – Strategic Management of Information Systems

### **Clemson University**

MGT 318 – Management Information Systems

MGT 411 – Project Management

### **Kennesaw State University**

CSIS 2300 – Principles of Computing

CSIS 3210 – Project Management

IT 3700 – Information Technology Management

## **Academic Awards & Honors**

1. Dean’s Distinguished Research Fellow, College of Business, Colorado State University (2018-present)
2. Excellence in Research Award, College of Business, Colorado State University (2017)
3. Featured Scholar, University of South Carolina (December 2011)
4. Outstanding Graduate Student Research Award, College of Business & Behavioral Science, Clemson University (2009)
5. Outstanding Graduate Student Teaching Award, Clemson University (2008)
6. Graduate Student Teaching Excellence Award, College of Business & Behavioral Science, Clemson University (2008)
7. AMCIS Doctoral Consortium Participant (2008), Toronto, Canada
8. Best Paper Award (2007) “Using Information Technology Mindfully,” *Tenth Annual Southern Association for Information Systems Conference*

## **Service Activities**

### **Colorado State University – Department Service**

Internship Coordinator (2018-present)

Department Chair Search Committee Member (2018-present)

Department Chair Search Committee Member (2017)

MCIS Advisor Search Committee Member (2017)

Department Faculty Search Committee Member (2015-2016)

### **Colorado State University – College Service**

Research Committee Member (2016-present)

MBA Task Force Member (2014)

### **University of South Carolina Upstate – College Service**

Scholarship Committee Member (2009-2013)

Management Faculty Search Committee Chair (2012)

### **University of South Carolina Upstate – University Service**

Nicholas Roberts  
Curriculum Vita

Faculty Senate Member (2010-2013)  
Research Advisory Council Member (2011-2013)

### **Professional Service**

Association for Information Systems Membership Committee Member (2009-2012)

### **Editorial Service**

Associate Editor, International Conference on Information Systems (2012, 2013)  
Associate Editor, European Conference on Information Systems (2015, 2016, 2017)  
Associate Editor, Pacific Asia Conference on Information Systems (2012)

### **Ad-Hoc Journal Reviews**

Database, European Journal of Information Systems, Information & Management, Information Systems Journal, Information Systems Research, Information Technology & People, Journal of the Association for Information Systems, Journal of Business Research, Journal of Information Systems, Journal of Management Information Systems, Journal of Organizational Computing and Electronic Commerce, Journal of Strategic Information Systems, MIS Quarterly, Organization Studies

### **Ad-Hoc Conference Reviews**

Academy of Management Annual Meeting, Americas Conference on Information Systems, European Conference on Information Systems, Hawaii International Conference on System Sciences, International Conference on Information Systems, Pacific Asia Conference on Information Systems, Southern Association for Information Systems Conference

## **Professional Certifications & Affiliations**

### **Certifications**

Project Management Professional

### **Professional Affiliations**

Association for Information Systems  
Beta Gamma Sigma

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