

Curriculum Vitae

Anthony Vance

Assistant Professor
Information Systems Department
Marriott School of Management
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Updated April 9, 2012

RESEARCH INTERESTS

- 1.Information Security
- 2.Trust and Information Systems
- 3.Internal Control

EDUCATION

- Ph.D., Information Processing Science** 2010
University of Oulu, Oulu, Finland
Dissertation: “Why Do Employees Violate IS Security Policies? Insights from Multiple Theoretical Perspectives”
- Ph.D., Computer Information Systems** 2009
Georgia State University, Atlanta, Georgia, USA
Joint-dissertation: “Trusting IT Artifacts: How Trust Affects our Use of Technology”
- Ph.D., Management Science** 2008
Université Paris–Dauphine, Paris, France
Research Center in Management and Organization (DRM/CREPA)
Joint-dissertation: “Trusting IT Artifacts: How Trust Affects our Use of Technology”
- Master of Information Systems Management, Marriott School** 2004
Brigham Young University, Provo, Utah, USA
- Bachelor of Science, Information Systems, Marriott School** 2003
Brigham Young University, Provo, Utah, USA

WORK EXPERIENCE

- Assistant Professor** 2009—Present
Brigham Young University, Utah, USA
- Visiting Research Professor** 2008—2010
University of Oulu, Oulu, Finland

Instructor 2006—2008
Georgia State University, Atlanta, Georgia

Fraud Investigator 2005
Data Quality Integrity, Deloitte LLP, Atlanta, Georgia

Information Security Auditor 2004
Enterprise Risk Services, Deloitte LLP, Atlanta, Georgia

SCHOLARSHIP METRICS

- 204 citations per Google Scholar
- H-index of 4

REFEREED JOURNAL PUBLICATIONS

12. **Vance, A.**, Siponen, M., Pahlila, S. "Motivating IS Security Compliance: Insights from Habit and Protection Motivation Theory," *Information and Management*, forthcoming.
11. Mahmood, M., Siponen, M., López, F., **Vance, A.** "Measuring Electronic Commerce Technology Enabled Business Value: An Empirical Investigation," *Journal of Organizational Computing and Electronic Commerce*, forthcoming.
10. Lowry, P., Moody, G., **Vance, A.**, Jensen, M., Jenkins, J., and Wells, T. 2012. "Using an Elaboration Likelihood Approach to Better Understand the Persuasiveness of Website Privacy Assurance Cues for Online Consumers," *Journal of the American Society for Information Science and Technology*, 63 (4), pp. 755-776.
9. Borthick, F., Schneider, G., **Vance, A.** 2012. "Using Graphical Representations of Business Processes in Evaluating Internal Control," *Issues in Accounting Education*, 27 (1), pp. 123-140.
8. **Vance, A.**, Siponen, M. 2012. "IS Security Policy Violations: A Rational Choice Perspective," *Journal of Organizational and End User Computing*, 24 (1), pp. 21-41.
7. Barlow, J., Giboney, J., Keith, M., Wilson, D., Schuetzler, R., Lowry, P., **Vance, A.** 2011. "Overview and Guidance on Agile Development in Large Organizations," *Communications of the AIS*, 29 (2), pp. 25-44.
6. Siponen, M., **Vance, A.** 2010. "Neutralization: New Insights into the Problem of Employee Information Systems Security Policy Violations," *MIS Quarterly*, 34 (3), pp. 487-502.
5. Borthick, A. F., Schneider, G., **Vance, A.** 2010. "Preparing Graphical Representations of Business Processes and Making Inferences from Them," *Issues in Accounting Education*, 25 (3), pp. 569-582.
4. **Vance, A.**, Lowry, P., Ogden, J. 2010. "Testing the Potential of RFID to Increase Supply-Chain Agility and to Mitigate the Bullwhip Effect," *International Journal of Applied Logistics*, 1 (1), p. 48-56.

3. Myyry, L., Siponen, M., Pahnla, S., Vartiainen, T., and **Vance, A.** "What Levels of Moral Reasoning and Values Explain Adherence to Information Security Rules? An Empirical Study," *European Journal of Information Systems*, 18, 2009, p. 126-139.
2. **Vance, A.**, Elie-dit-Cosaque, C, and Straub, D. "Examining Trust in Information Technology Artifacts: The Effects of System Quality and Culture," *Journal of Management Information Systems*, (24:4), 2008, p. 73-100.
1. Lowry, P, **Vance, A.**, Moody, G, Beckman, B., Read, A. "Explaining and Predicting the Impact of Branding Alliances and Web Site Quality on Initial Consumer Trust of E-Commerce Web Sites," *Journal of Management Information Systems*, (24:4), 2008, p. 201-227.

CONFERENCE PUBLICATIONS

11. **Vance, A.**, Molyneux, B., Lowry, P. "Reducing Unauthorized Access by Insiders through End-User Design: Making Users Accountable," Hawaii International Conference on Systems Sciences, Wailea, HI, 2012.
10. **Vance, A.**, Siponen, M., Warkentin, M. "Deterrence Without Borders: How National Culture Affects IS Security Policy Violations," Workshop on Information Security & Privacy, AIS SIGSEC and IFIP TC11.1, Shanghai, 2011.
9. **Vance, A.**, Molyneux, B., Lowry, P. "A New Approach to the Problem of Unauthorized Access: Raising Perceptions of Accountability through User Interface Design Features," The Dewald Roode Workshop on Information Systems Security Research, IFIP WG8.11/WG11.13, Blacksburg, VA, 2011.
8. **Vance, A.**, Allen, G., Molyneux, B., Lowry, P. "Making Systems Users Accountable: Using Accountability to Reduce Unauthorized Access of Information," The Dewald Roode Workshop on Information Systems Security Research, IFIP WG8.11/WG11.13, Waltham, MA, 2010.
7. Siponen, M., **Vance, A.**, and Willison, R. "New Insights for an Old Problem: Explaining Software Piracy through Neutralization Theory," Hawaii International Conference on Systems Sciences, Poipu, HI, 2010.
6. **Vance, A.**, Siponen, M., Pahnla, S. "How Personality and Habit Affect Protection Motivation," Workshop on Information Systems & Privacy, Phoenix, AZ, 2009.
5. Borthick, A. F., Schneider, G. P., and **Vance, A.** "Using Graphical Representations of Business Processes in Evaluating Internal Control," American Accounting Association Annual Midyear Meeting, 2009.
4. Borthick, F., **Vance, A.** "Preparing Graphical Representations of Business Processes and Making Inferences from Them," American Accounting Association Annual Meeting, 2007.
3. **Vance, A.** "Modeling Sarbanes-Oxley Compliance as a Knowledge-intensive Process," 40th Annual Hawai'i International Conference on System Sciences, 2007.

2. Pallud, J., Monod, E., **Vance, A.** "The Implications of the Linguistic Turn on IS," Proceedings of the Twelfth Americas Conference on Information Systems, 2006.
1. **Vance, A.** "An Empirical Test of the Potential of RFID Technology to Enhance Supply Chain Agility," IFIP WG 8.6 Working Conference on Business Agility and IT Diffusion, 2005.

UNIVERSITY SERVICE

- PhD preparation program director, Masters of Information Systems Management, 2011-Present.
- Faculty recruiting committee member, 2010-Present.

STUDENT MENTORING AND GRANTS

- 2012 Mentoring Environment Grant for proposal entitled "Accountability through Justification: A New Approach to the Problem of Unauthorized Access of Information Systems." Awarded \$19,704 to fund mentored research with MISM students David Eargle, Joshua Lyman, and Nick Sullivan, together with Dr. Gove Allen.
- 2012 Global Management Center Grant for International Business Research, for "Deterrence without Borders: How National Culture Affects Information Security Policy Violations." Awarded \$1,000.
- 2011, 2010 Marriott School research grants totaling \$10,000.
- 2011 ORCA grant for proposal entitled "Making Systems Users Accountable through User Interface Design Features." Mentored BSIS student Lee Wood for his \$1,500 grant.
- 2011 ORCA grant for proposal entitled "Enhancing Password Security through Interactive Fear Appeals." Mentored BSIS student Kirk Ouimet for his \$1,500 grant.

EXTERNAL SERVICE

- Editor, IFIP Working Group 8.11/11.13, “Information Systems Security Research”
- General Chair, Dewald Roode Workshop on Information Systems Security Research, IFIP Working Group 8.11/11.13, 2012, Provo, UT.
- AE for PACIS 2013, Information Security, Jeju, Korea.
- AE for ICIS 2012, “Security and Privacy” track, Orlando, Florida.
- AE for ECIS 2012, “Information Security and Privacy” track, Barcelona, Spain.
- AE for ICIS 2011, “Security and Privacy” track, Shanghai, China.
- Track Chair for ECIS 2011, “Information Security and Privacy” track, Helsinki, Finland.
- Program committee member, Privacy Enhanced Technology and Security Engineering 2011, Busan, Korea.
- Program chair, Dewald Roode Workshop on Information Systems Security Research, IFIP Working Group 8.11/11.13, 2010, Waltham, MA.
- Proceedings Editor, Dewald Roode Workshop on Information Systems Security Research, IFIP Working Group 8.11/11.13, 2009, Cape Town, South Africa.
- Ad hoc reviewer for MISQ, ISR, JAIS, JMIS, EJIS, CACM, I&O, IJEC, CAIS, JISSEC, JOEUC, SGR.

SPECIAL RECOGNITIONS/AWARDS

- Ranked 21st for top IS researchers publishing in the AIS-6 for the years 2008–2010, in Venkatesh, V. “Rankings Based on AIS Senior Scholars’ Basket of Journals,” <http://www.venkatesh.com/ISranking> (normal count).
- Ranked 90th for “Leading IS Researchers Publishing in the AIS-6 Basket of IS Journals 2005–2009,” in Clark, J., Au, Y, Walz, D., and Warren, J. 2011. “Assessing Researcher Publication Productivity in the Leading Information Systems Journals: A 2005–2009 Update,” *Communications of the Association for Information Systems*, 29 (26), pp. 459-504.
- Research Fellow, Information Systems Security Research Center (ISSRC), University of Oulu, Finland.
- Nominated for best paper, “Reducing Unauthorized Access by Insiders through End-User Design: Making Users Accountable,” **Vance, A.**, Molyneux, B., and Lowry, P., *Hawaii International Conference on Systems Sciences*, 2012
- Dissertation awarded grade “excellent” (5/5) by the University of Oulu, Finland, 2010.
- Nominated for best paper, “New Insights for an Old Problem: Explaining Software Piracy through Neutralization Theory,” Siponen, M., **Vance, A.**, and Willison, R., *Hawaii International Conference on Systems Sciences*, 2010
- Best Case Award, Borthick, A. F., Schneider, G. P., and **Vance, A.** “Using Graphical Representations of Business Processes in Evaluating Internal Control”, American Accounting Association Annual Midyear Meeting, 2010.

- Outstanding Education Paper Award, Borthick, A. F., Schneider, G. P., and **Vance, A.** “Preparing Graphical Representations of Business Processes and Making Inferences from Them”, American Accounting Association Annual Midyear Meeting, 2009.
- J. Mack Robinson College of Business GTA Teaching Excellence Award, Georgia State University, 2008
- Nominated for best reviewer, 6th Annual Workshop on HCI in MIS, Montreal, 2007

CERTIFICATIONS

- AccessData Certified Examiner (ACE), digital forensics

PROFESSIONAL AFFILIATIONS

- Founding member, IFIP Working Group 8.11/11.13, “Information Systems Security Research”
- Special Interest Group on Security (SIGSEC), Association for Information Systems
- FBI InfraGard

FOREIGN LANGUAGE

- Speak, read, and write German