

Chad Anderson, Ph.D.

Department of Information Systems & Analytics
Farmer School of Business
Miami University, Oxford, OH 45056
chad.anderson@miamioh.edu

Education

Doctor of Philosophy (Computer Information Systems), 2011
Georgia State University

Master of Business Administration, 2006
Eastern Kentucky University

Bachelor of Science (Occupational Therapy and Psychology), 1998
Eastern Kentucky University

Bachelor of Science (Business Administration), 1993
North Dakota State University

Professional Experience

2019 – Present Assistant Professor, Miami University, Oxford, OH
2015 - 2019 Assistant Professor, Northern Kentucky University, Highland Heights, KY
2011 - 2015 Assistant Professor, University of Nevada, Reno, Reno, NV
2010 - 2011 Temporary Instructor, Georgia State University, Atlanta, GA
2006 - 2010 Graduate Research Assistant, Georgia State University, Atlanta, GA
2003 - 2006 Healthcare Technical Representative, SimplexGrinnell, Lexington, KY
2000 - 2003 Health Systems Specialist, CT-Innovations, Louisville, KY

Journal Publications

- **Anderson, C.**, Baskerville, R., and Kaul, M. (2023). “Using Translation Guardrails for Maintaining Compliance with Privacy Regulations: A Health Information Exchange Case Study”, *Information and Organization*, 33(1), pp. 1-19
- **Anderson, C.**, Kaul, M., and Edberg, D. (2019). “Increasing Affordance Potency through Process Improvement: Case Study of a Healthcare System”, *Journal of Information Technology Case and Application Research*, 21(3-4), pp. 124-139
- **Anderson, C.**, Baskerville, R., and Kaul, M. (2017). “Information Security Control Theory: Achieving a Sustainable Reconciliation between Sharing and Protecting the Privacy of Information”, *Journal of Management Information Systems*, 34(4), pp. 1082-1112
- **Anderson, C.** and Robey, D. (2017) “Affordance Potency: Explaining the Actualization of Technology Affordances”, *Information and Organization*, 27(2), pp. 100-115
- Yang, X., Zhang, X., Goh, S., and **Anderson, C.** (2017) “Curvilinear Effects of e-Loyalty in China’s Online Tourism Industry”, *Nankai Business Review International*, 8(2), pp. 174-189
- **Anderson, C.**, Henner, T., and Burkey, J. (2013) “Tablet Computers in Support of Rural and Frontier Clinical Practice”, *International Journal of Medical Informatics*, 82(11), pp. 1046-1058
- Robey, D., **Anderson, C.**, and Raymond, B. (2013) “Information Technology, Materiality and Organizational Change: A Professional Odyssey”, *Journal of the Association for Information Systems*, 14(7), pp. 379-398

- **Anderson, C.**, Al-Gahtani, S., and Hubona, G. (2011). “The Value of TAM Antecedents in Global IS Development and Research”, *Journal of Organizational and End User Computing*, 23(1), pp. 18-37
- Straub, D. and **Anderson, C.** (2010). “Editor’s Comments - Authorship Trends from 2000-2009”, *MIS Quarterly*, 34(4), pp. iii-vi
- Straub, D. and **Anderson, C.** (2010). “Editor’s Comments - Journal Quality and Citations: Common Metrics and Considerations about Their Use”, *MIS Quarterly*, 34(1), pp. iii-xii
- Straub, D. and **Anderson, C.** (2009). “Journal Self-Citation VI: Forced Journal Self-Citation - Common, Appropriate, Ethical?”, *Communications of the Association for Information Systems*, 25(1), Article 6, pp. 57-66

Conference Proceedings

- Cata, T., Zhang, X., and **Anderson, C.** (2022). “Online Reviews for Agile Development Tools – Jira”, Proceedings of the Decision Sciences Institute, Houston, TX. November 19-21, 2022
- **Anderson, C.**, Carvalho, A., and Merhout, J. (2022). “Patient Consent for Health Information Exchange: Blockchain-driven Innovation”, *Proceedings of the Twenty-eighth Americas Conference on Information Systems*, Minneapolis, MN. August 11-13, 2022
- Moore, J. and **Anderson, C.** (2022). “mHealth in Developing Countries: Progress Toward Global Health Equity”, *Proceedings of the Twenty-eighth Americas Conference on Information Systems*, Minneapolis, MN. August 11-13, 2022
- Singh, R., **Anderson, C.**, and Miranda, S. (2022). “Physician Burnout: A Technology-based Reification of Competing Logics View”, *Proceedings of the 55th Hawaii International Conference on System Sciences*, Online. January 4-7, 2022
- **Anderson, C.** (2021). “The Affordance Cliff: Explaining Technology Workarounds”, *Proceedings of the Forty-Second International Conference on Information Systems*, Austin, TX. December 12-15, 2021
- **Anderson, C.**, Baskerville, R., and Kaul, M. (2021). “The Travel of Privacy Standards and Regulations in Healthcare”, *Proceedings of the 54th Hawaii International Conference on System Sciences*, Online. January 5-8, 2021
- **Anderson, C.**, Baskerville, R., and Kaul, M. (2017). “The Travel of Privacy Guidelines”, *2017 Dewald Roode Workshop on Information Systems Security Research*, Tampa, FL. October 6-7, 2017
- **Anderson, C.**, Baskerville, R., and Kaul, M. (2017). “A Framework for Evaluating the Tension between Sharing and Protecting Health Information”, *Proceedings of the 50th Hawaii International Conference on System Sciences*, Waikoloa, HI. January 3-7, 2017.
- **Best Paper Nominee**
- Zhang, X., Sakaguchi, T., and **Anderson, C.** (2016). “Critical Considerations of Teamwork in Virtual Teams”, *GITMA 2016: Proceedings of the Seventeenth Annual Global Information Technology Management World Conference*, San Diego, CA. August 9-10, 2016
- Pelfrey, R., Zhang, X., Goh, S., and **Anderson, C.** (2016) “A Qualitative Study on Bar Code Medication Technology”, *GITMA 2016: Proceedings of the Seventeenth Annual Global Information Technology Management World Conference*, San Diego, CA. August 9-10, 2016

- **Anderson, C.** (2010). “Web-based Disease Management: A Design Science Approach to Chronic Disease Management”, *Southern Association for Information Systems Conference Proceedings*, Atlanta, GA. March 26-27, 2010. **Best Student Paper Runner-Up**
- **Anderson, C.**, Al-Gahtani, S., and Hubona, G. (2008). “Evaluating TAM Antecedents in Saudi Arabia”, *Southern Association for Information Systems Conference Proceedings*, Richmond, VA. March 14-15, 2008. **Best Paper Nominee**
- **Anderson, C.**, Al-Gahtani, S., and Hubona, G. (2007). “Evaluating the Antecedents of the Technology Acceptance Model in Saudi Arabia”, *International Conference on Information Systems SIG-HCI Workshop Proceedings*, Montreal, Quebec. December 12, 2007

Book Chapters

- **Anderson, C.**, Al-Gahtani, S., and Hubona, G. (2013). “The Value of TAM Antecedents in Global IS Development and Research”, in Dwivedi, A. and Clarke, S. (eds.), *Innovative Strategies and Approaches for End-User Computing Advancements*, Hershey, PA: IGI Global, pp. 19-39
- Robey, D., Raymond, B., and **Anderson, C.** (2012). “Theorizing Information Technology as a Material Artifact in Information Systems Research”, in Leonardi, P., Nardi, B., and Kallinikos, J. (eds.), *Materiality and Organizing: Social Interaction in a Technological World*, Oxford: Oxford University Press, pp. 217-236

Grant Reports

- **Anderson, C.**, Edberg, D., Mukhopadhyay, S., Vreeland, J., and Wendel, J. (2014). “Nevada Health Information Technology Strategic and Operational Plan Implementation – Program Evaluation”, Prepared for the Nevada Department of Health and Human Services pursuant to NRS 439.581-595 and Nevada’s State Health IT Plan and funded through Nevada’s ARRA HITECH State HIE Cooperative Agreement
- **Anderson, C.**, Edberg, D., Mukhopadhyay, S., Vreeland, J., and Wendel, J. (2014). “Sustainability of Health Information Exchange: Issues and Options”, Prepared for the Nevada Department of Health and Human Services pursuant to NRS 439.581-595 and Nevada’s State Health IT Plan and funded through Nevada’s ARRA HITECH State HIE Cooperative Agreement

Research in Progress

- **Anderson, C.**, Carvalho, A., Kaul, M., and Merhout, J. “Blockchain Innovation for Consent Self-Management in Health Information Exchanges” (under second round review at *Decision Support Systems*)
- Singh, R., **Anderson, C.**, and Miranda, S. “The Dark Side of Transparency: Information and Communications Technologies and Professional Burnout” (revising for second round review at *MIS Quarterly*)
- **Anderson, C.**, Kaul, M., Gullapalli, N., and Pitani, S. “The Impact of Electronic Health Records on Resident Medical Skills Development” (revising for second round review at the *Journal of the American Medical Informatics Association*)
- Lee, G. and **Anderson, C.** “Understanding the Moderating Effects of Gender and Protection Motivation on Individual’s e-Waste Recycling Behavior: A Push-Pull Mooring Theory Perspective” (working paper)

- **Anderson, C.** and Kaul, M. “Role of Technology Usage in the Professional Development of Medical Residents: Institutional Logic Perspective” (working paper)
- **Anderson, C.** “Theorizing Affordances for Information Systems” (working paper)
- Singh, R., **Anderson, C.**, and Miranda, S. “Technology-based Reification of Competing Logics and Physician Burnout” (working paper)
- Carvalho, A., Kaul, M., and **Anderson, C.** “Play to Earn” (working paper)

Presentations

- “Patient Consent for Health Information Exchange: Blockchain-driven Innovation”, August 13, 2022, America’s Conference on Information Systems, Minneapolis, MN
- “The Affordance Cliff: Explaining Technology Workarounds”, December 14, 2021, International Conference on Information Systems, Austin, TX
- “When Institutions Collide: A Systemic Perspective on Physician Burnout”, August 20, 2021, University of Oklahoma MIS Research Talk Series, online presentation
- “Affordance Potency: Theorizing Information Technology Use”, July 5, 2021, Center for IT and Public Policy, International Institute for Information Technology Bangalore, online presentation
- “The Affordance Cliff: Explaining Technology Resistance and Workarounds”. April 2, 2021, Miami University ISA Research Discussion, online presentation
- “The Travel of Privacy Standards and Regulations in Healthcare”, January 4, 2021, Hawaii International Conference on System Sciences, online presentation
- “The Travel of Privacy Guidelines”, October 6, 2017, Dewald Roode Workshop on Information Systems Security Research, Tampa, FL
- “A Framework for Evaluating the Tension between Sharing and Protecting Health Information”, January 6, 2017, Hawaii International Conference on System Sciences, Waikoloa, HI
- “A Qualitative Study on Bar Code Medication Technology”, August 9, 2016, Global Information Technology Management Association Conference, San Diego, CA
- “Critical Considerations of Teamwork in Virtual Teams”, August 9, 2016, Global Information Technology Management Association Conference, San Diego, CA
- “The Affordance Threshold: Why Technology Use Often Falls Short of Expectations”, November 15, 2012, IS Research in Progress Series, University of Nevada, Reno, NV
- “Tales from the Quarterly”, February 24, 2012, IS Research in Progress Series, University of Nevada, Reno, NV
- “Health Information Systems Affordances: How the Materiality of Information Technology Enables and Constrains the Work Practices of Clinicians”, December 12, 2010, ICIS Doctoral Consortium, St. Louis, MO
- “Health Information Systems Affordances”, August 6, 2010, AOM OCIS Doctoral Consortium, Montreal, Quebec
- “Web-based Disease Management: A Design Science Approach to Chronic Disease Management”, March 27, 2010, Southern Association for Information Systems Conference, Atlanta, GA
- “A Theory of Affordances for Information Systems”, August 13, 2009, UGA-GSU PhD Workshop, Atlanta, GA
- “A Theoretical Framework for Materiality”, March 20, 2009, CIS Research Colloquium Series, Georgia State University, Atlanta, GA

- “Evaluating TAM Antecedents in Saudi Arabia”, March 14, 2008, Southern Association for Information Systems Conference, Richmond, VA
- “Evaluating the Antecedents of the Technology Acceptance Model in Saudi Arabia”, October 7, 2007, Joint Doctoral Student Development Workshop, Atlanta, GA

Teaching

Undergraduate Courses Taught

- Information Systems Development and Management
- Information Technology and the Intelligent Enterprise
- Introduction to Computer-based Information Systems
- Management Information Systems
- Managing the Intelligent Enterprise
- Strategic Information Systems Management
- Systems Analysis
- Systems Analysis and Design

Graduate Courses Taught

- Current Issues in Technical Environments
- Information Systems in Healthcare Organizations
- Information Systems in Organizations
- Information Technology Management
- Introduction to Healthcare Operations

Program Administration

- Director, Business Information Systems Program, Northern Kentucky University, 2018-2019
- Course Coordinator, BIS 300, Northern Kentucky University, 2016-2019
- Course Coordinator, IS 300, University of Nevada, Reno, 2012-2015

Academic Honors

- 2022 Prodesse Quam Conspici Award, Miami University
- 2017 Faculty Development Summer Fellowship, Northern Kentucky University
- 2017 Best Paper Nominee at the Hawaii International Conference on System Sciences, January 3-7, 2017
- 2015 Graduate Faculty Excellence in Teaching, College of Business, University of Nevada, Reno
- 2014 Best Reviewer for the Organizational Communications and Information Systems Division of the Academy of Management Meeting, Philadelphia, PA, August 1-5, 2014
- 2013 Business Student Council Outstanding Faculty Member of the Year Nominee, College of Business, University of Nevada, Reno
- 2010 ICIS Doctoral Consortium, St. Louis, Missouri, December 8-11, 2010
- 2010 OCIS Doctoral Consortium, Montreal, Canada, August 6-7, 2010
- 2010 GTA Teaching Excellence Award, J. Mack Robinson College of Business, Georgia State University
- 2010 Best Student Paper Runner-Up at the Southern Association for Information Systems Conference, March 26-27, 2010
- 2008 GTA Teaching Excellence Award, J. Mack Robinson College of Business, Georgia State University

- 2008 Best Paper Nominee at the Southern Association for Information Systems Conference, March 14-15, 2008

Professional Activities

- Associate Editor for the International Conference on Information Systems, 2022-2023
- Guest Senior Editor for The DATABASE for Advances in Information Systems, 2022
- Session Chair for the International Conference on ‘Changing Global Economic Landscape: Challenges, Strategies and Business Resilience’, Virtual Conference, April 12-13, 2021
- Session Chair for the International Conference on ‘Harmonizing People, Planet and Profits - Sustainable Strategies and Ethical Considerations in the 21st Century’, Bangalore, Karnataka, January 20-21, 2020
- Session Chair for the Dewald Roode Workshop on Information Systems Security Research, Tampa, FL, October 6, 2017
- Session Chair for the “Doctoral Student and Junior IS Colleague Development Symposium” at Georgia State University, Atlanta, GA, April 18, 2015
- Program Committee Member for the Human-Computer Interaction in Health and Wellness Research Workshop at the 2014 Americas Conference on Information Systems
- Member of the Academy of Management, 2010-2022
- Vice-President for the Robinson Ph.D. Fellows, 2008-2011
- Associate Managing Editor for MIS Quarterly, 2008-2010
- Member of the Association for Information Systems, 2007-present
- Journal Reviewer for: *Communications of the AIS, European Journal of Information Systems, Health Informatics Journal, Information & Organization, Information Systems Journal, Information Technology & People, Journal of the Association for Information Systems, Journal of Information Technology Case and Application Research, Journal of Information Technology Theory and Application, Journal of Medical Internet Research, Journal of Organizational and End-User Computing, Journal of Strategic Information Systems*
- Conference Reviewer for: *Academy of Management Meeting, Americas Conference on Information Systems, Dewald Roode Workshop on Information Systems Security Research, European Conference on Information Systems, Hawaii International Conference on System Sciences, International Conference on Information Systems, International Conference on Wirtschaftsinformatik, Pacific Asia Conference on Information Systems, Southern Association for Information Systems Conference*