

JACOB STEFFEN

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EDUCATION

- 2022 *University of Georgia, Terry College of Business*
- Ph.D., Management Information Systems
 - Dissertation: “Understanding the Effects of Generative Design Tools on Cognitive Design Processes”. Committee: Elena Karahanna (Chair), Nicholas Berente, Abdul Sesay, Aaron Schecter, John Gibson
- 2017 *Brigham Young University, Marriott School of Business*
- Master of Information Systems Management: Ph.D. Prep Emphasis
 - B.S., Information Systems

RESEARCH

- Interests *Autonomous Tools, Wearables, Mixed Reality, Interruptions, Online Ratings*
- Journal Publications *Steffen, J. H., Gaskin, J. E., Meservy, T. O., Jenkins, J. L., & Wolman, I. 2019. “Framework of affordances for virtual reality and augmented reality”. *Journal of Management Information Systems*, 36(3), 683-729.*
- Conference Publications *Skousen, T., Steffen, J., Chandler, C., Rosengren, W., Gaskin, J., Meservy, T. 2022. “Asynchronous Video Interviews and Artificial Intelligence: A Multi-Study Exploration”. *International Conference on Information Systems 2022.**
- Sesay, A., & Steffen, J. 2020. “Wearables as augmentation means: conceptual definition, pathways, and research framework”. In *Proceedings of the 53rd Hawaii international conference on system sciences.**
- Steffen, J., Gaskin, J., Meservy, T., Jenkins, J. 2017 “The Missing Framework for Virtually Assisted Activities”. *International Conference on Information Systems 2017.**
- Gaskin, J., Jenkins, J., Meservy, T., Steffen, J., Payne, K. 2017. “Using Wearable Devices for Non-invasive, Inexpensive Physiological Data Collection”. *Proceedings of the 50th Hawaii International Conference on System Sciences**
- Works-in-Progress *“Wearables as Augmentation Means: A Conceptual Framework and Mechanistic Pathways for Human Augmentation” with Abdul Sesay and Ronald Ramirez*
- Planned submission to European Journal of Information Systems
- “Online Ratings and Clinical Outcomes as Indicators of Surgeon Medical Quality” with Elena Karahanna and Xia Zhao*
- Preparing for submission to Management Science fast track
 - Writing, analyses completed. Finishing additional robustness checks

“Interruption Management: Interventions and the Role of Technology” with Elena Karahanna, Adela Chen, and Tanner Skousen

- Planned submission to MIS Quarterly

Expansion of experiment and work from my dissertation, “Understanding the Effects of Generative Design Tools on Cognitive Design Processes”

TEACHING

Interests: Data Management, Data Analytics

Brigham Young University Introduction to Management Information Systems (IS 201)

- Winter 2017
- 4.4 / 5.0

Introduction to Databases (IS 302)

- Fall 2022
- 4.5 / 5.0

University of Georgia Project Management (MIST 5740S)

- Fall 2018
- 4.38 / 5.0
- Fall 2019
- 4.85 / 5.0

Data Management and Analytics (MIST 4610)

- Spring 2020
- 4.68 / 5.0
- 2020-2021 Outstanding Teaching Assistant Award

AWARDS & HONORS

- Outstanding Teaching Assistant Award, University of Georgia, 2020-2021
- AMCIS 2021 Doctoral Consortium
- ICIS 2021 Doctoral Consortium

SERVICE

Ad-hoc reviewer

- Journal of Management Information Systems
- Frontiers of Psychology
- Information, Communication and Society Journal
- Virtual Reality
- International Conference on Information Systems
- Americas Conference on Information Systems
- European Conference on Information Systems
- Pacific Asia Conference on Information Systems
- Hawaii International Conference on System Sciences

Review Coordination Volunteer

- International Conference on Information Systems 2020

OTHER EXPERIENCE

2015 - 2017

Software Engineer
Brevium, American Fork, UT

2014 - 2015

Special Projects Assistant
Dean's Office, Marriott School of Business, Provo, UT

2011 - 2013

Volunteer Representative
The Church of Jesus Christ of Latter-day Saints, Buenos Aires, Argentina

SKILLS

- SQL (T-SQL, MySQL)
- Python
- R
- Stata
- C#
- Experience in other languages (C++, Java, HTML/CSS)
- Spanish (conversational)