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Information Systems & Business Analytics
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Mission: My research explores how individuals use IT to manage health and information, navigate work and relationships, and how such use shapes their well-being—part of a broader mission to understand how IT use can foster holistic well-being: physical, mental, emotional, social, and spiritual.

RESEARCH INTERESTS

IT in health care, IS cognitive research, ICT and Global Development:

- IT & well-being; digital health
- consumer health informatics
- personal health information management, knowledge transfer
- risk perception; vaccine decision-making

TEACHING INTERESTS

- IT & Well-being
- Consumer Health Informatics
- Business Analytics; Managing Business Analytics Projects

EDUCATION

Ph.D., Business Administration (Management Information Systems), Florida International University, USA, 2019

M.Sc., Business Administration (E-business & Knowledge Management), Free University Amsterdam, The Netherlands, 2009

B.Sc. Econ. Information Management, Aberystwyth University, United Kingdom, 2008 | First Class with Honors

Erasmus Exchange, University of Malta, Malta, 2007

PROFESSIONAL EXPERIENCE - ACADEMIA

Drake University, Des Moines, IA

Assistant Professor | 08/2019 – Present

Research

- Examine personal health information management, vaccine decision-making, risk perception.
- Lead an active research agenda at the intersections of IT use, lifestyle, and well-being.

Teaching

- Teach undergraduate and graduate courses in Information Systems and Business Analytics (Information Technology & Business; MS Tools for Business Analysis; Business Analytics, Teams, and Projects; Applied Analytics Project) in both online and in-person formats.
- Designed and taught an original First-Year Seminar, “Well-being in Career & Everyday Life,” integrating psychology, health, happiness research, and personal development.
- Supervised 73 master’s students (21 groups) in their Applied Analytics capstone projects, guiding research design, data analysis, report writing, and presentation.

Service

- Founded and led a college-wide faculty writing accountability group to foster productivity and scholarly community.
- Contribute to departmental and university service through curriculum development, student mentoring, and committee participation.

University of North Carolina, Greensboro, NC

Visiting Lecturer | 08/2018 – 05/2019

Research

- Conducted research on personal health information management, knowledge transfer in healthcare, and health insurance decision-making.

Teaching

- Taught undergraduate and graduate courses in Information Systems and Business Analytics (Business Computing I and II; Business Analytics) in both online and in-person modalities.

Service

- Served on a departmental taskforce and committee supporting program innovation and student engagement initiatives.

Florida International University, Miami, FL

Graduate Assistant | 08/2014 – 08/2018

Research

- Collaborated on faculty-led research projects focused on knowledge transfer and personal health information management in healthcare contexts.

Teaching

- Taught and co-taught in-person courses in Information Systems and Business Analytics.

Service

- Delivered invited talks for the Women in Information Systems (WAIS) organization and offered an additional Business Analytics seminar for the FIU AIS Student Chapter.

RESEARCH

Published / Accepted:

Kolotylo-Kulkarni, M., Zheng, H., Lucia, R., Borton, R., & Mitchell, A. (2026). Remote patient monitoring: implications for information systems researchers. *Communications of the Association for Information Systems*, 58(1), 86. <https://aisel.aisnet.org/cais/vol58/iss1/86>

Kolotylo-Kulkarni, M., Marakas, G. M., & Xia, W. (2024). Understanding protective behavior and vaccination adoption among US individuals during the COVID-19 pandemic: A four-wave longitudinal study. *Journal of Business Research*, 179, 114649. <https://doi.org/10.1016/j.jbusres.2024.114649>

Seale, D. E., LeRouge, C. M., & **Kolotylo-Kulkarni, M.** (2023). 'A Description of Personal Health Information Management Work With a Spotlight on the Practices of Older Adults: Qualitative e-Delphi Study With Professional Organizers'. *Journal of Medical Internet Research*, 25, e42330. <https://doi.org/10.2196/42330>

Kolotylo-Kulkarni, M., Seale, D. E., & LeRouge, C. M. (2021). Personal Health Information Management Among Older Adults: Scoping Review. *Journal of Medical Internet Research*, 23(6), e25236. <https://doi.org/10.2196/25236>

Kolotylo-Kulkarni, M., Xia, W., & Dhillon, G. (2021). Information disclosure in e-commerce: A systematic review and agenda for future research. *Journal of Business Research*, 126, 221-238. <https://doi.org/10.1016/j.jbusres.2020.12.006>

Manuscript Under Review or Revision:

Kolotylo-Kulkarni, M., Marakas, G., & Xia, W. Optimism bias during the COVID-19 pandemic: A longitudinal study of changes and relation to vaccination decision. *BMC Public Health* (major revision)

Working Papers & Projects in Progress:

Maddah, M., Esmailzadeh, P., & **Kolotylo-Kulkarni, M.** ‘When Health Is at Stake: Comparing User Perceptions of Generative AI Chatbots for Chronic Disease Information Seeking’ - Target: *International Journal of Medical Informatics* (ready to submit)

Kolotylo-Kulkarni, M., Xia, W., & Zheng, H. ‘IT affordances in clinical inscription work: A review and research agenda’ – Target: *International Journal of Medical Informatics* (ready to submit)

Kolotylo-Kulkarni, M., Maddah, M., & Xia, W. ‘Generative AI in Relational Contexts: Effects on Relational Processes and User Well-Being’ (data collection)

Kolotylo-Kulkarni, M., Scheibe, K., & Maddah, M. IT professionals’ well-being in the age of GenAI. (data collection)

Kolotylo-Kulkarni, M. & Xia, W. ‘The role of perceived and actualized ICT affordance in hybrid work’ – Target: *MIS Quarterly* (survey development)

Wigdor, A.D., **Kolotylo-Kulkarni, M.,** & Maruping, L.M. ‘On the Positive and Negative Facets of Online Community Involvement: The Divergent Effects of Members’ Psychological Ownership’ – Target: *Journal of the Association for Information Systems* (survey development)

Conference Papers & Proceedings:

Wigdor, A.D., **Kolotylo-Kulkarni, M.,** & Maruping, L.M. (2020). *On the Positive and Negative Facets of Online Community Involvement: The Divergent Effects of Members’ Psychological Ownership* [paper-a-thon]. ICIS, Virtual.

Kolotylo-Kulkarni, M., Marakas, G.M., & Xia, W. (2020). *Understanding individual information seeking and adoption of protective measures in the COVID-19 pandemic* [abstract]. Society for Judgment and Decision Making Annual Meeting, Virtual.

Kolotylo-Kulkarni, M., LeRouge, C.M., & Seale, D.E. (2019). *A Review of Older Adults’ Personal Health Information Management Tools, Processes, Challenges, and Needs* [abstract]. AMIA Annual Symposium, Washington, DC.

Kolotylo, M., Zheng, H., Parente, R., & Dahiya, R. (2017). *Information Technology Outsourcing and Knowledge Transfer: Achieving Strategic Alignment Through Organizational Learning* [abstract]. International Conference on Knowledge Management and Innovation, New York.

Kolotylo, M. & Tremblay, M.C. (2016). *Selecting Health Insurance Coverage: Can Complexity and Context Be Used to Manipulate Choices?* [abstract]. AMIA Annual Symposium, Chicago.

Xia, W., **Kolotylo, M.,** & Tan, X. (2016). *Factors Affecting General Practitioners’ Transfer of Specialized Self-Care Knowledge to Patients* [completed research paper]. International Conference on Knowledge Management and Innovation, New York.

Workshops, & Panels:

Kolotylo-Kulkarni, M. & Xia, W. (2025). *Well-being and social media: a mixed-methods study* [Treo]. AMCIS.

Kolotylo-Kulkarni, M., Zheng, H., Mitchell, A., Borton, R., & Lucia, R. (2024). *Remote patient monitoring: implications for information systems researchers* [panel]. MWAIS, Peoria, IL.

Kolotylo-Kulkarni, M., Xia, W., & Zheng, H. (2022). *Perceived and actualized IT affordances in healthcare: A systematic review and research agenda* [workshop]. Pre-ICIS HITS Health Information Technology Symposium

Kolotylo-Kulkarni, M., Xia, W., & Zheng, H. (2022). *Concepts and consequences of IT affordance in healthcare: A literature review* [Treo]. ICIS

- Kolotylo-Kulkarni, M. & Xia, W. (2022).** *ICT-enabled Autonomy and Control in COVID-19 Remote Work* [Treo]. AMCIS
- Kolotylo-Kulkarni, M., Zheng, H., Seale, D.E., & LeRouge, C.M. (2020).** *Designing effective PHRs for older adults* [Treo]. ICIS
- Kolotylo-Kulkarni, M., Tremblay, M., & Marakas, G.M. (2019).** *Reference Dependence, Overspending, and Context in Online Decision Support* [workshop]. Post-ICIS IS-CORE Cognitive Research Workshop
- Kolotylo-Kulkarni, M., Dhillon, G., & Xia, W. (2019).** *Modes of privacy settings: an experimental study of user privacy choices* [Treo]. ICIS
- Kolotylo-Kulkarni, M., Tremblay, M.C., & Marakas, G.M. (2019).** *Reference Dependence, Overspending, and Context in Online Decision Support* [workshop]. Pre-AMCIS MISQ Author Development Workshop
- Kolotylo-Kulkarni, M., Tremblay, M.C., & Marakas, G. M. (2019).** *Information Delivery and Context in Online Decision Support* [Treo]. AMCIS
- Kolotylo-Kulkarni, M., LeRouge, C.M., & Seale, D.E. (2018).** *A Review of Older Adults' Personal Health Information Management Tools, Processes, Challenges, and Needs* [workshop]. Pre-ICIS HITS Health Information Technology Symposium

Dissertation:

‘Information Delivery, User Decision Approach, and Choice Environment: Examining the Effectiveness of Non-compensatory and Customization-based Online Decision Support.’

Co-chairs: Dr. Monica Chiarini Tremblay and Dr. George M. Marakas

Conference Participation:

- **Consortia:**

ICIS 2025 Mid-Career Faculty Consortium

AMCIS 2021 Junior Faculty Consortium

AMCIS 2019 Early Career Faculty Consortium

ICIS 2020 Junior Faculty Consortium

DSI 2018 Doctoral Consortium

AMCIS 2017 Doctoral Consortium

AMCIS 2016 Doctoral Consortium

WHITE (Workshop on Health IT & Economics) 2016 Doctoral Consortium

- **Other:**

ECIS 2021 How to be an effective reviewer workshop

ICIS 2020 Paper-a-thon

ICIS 2019 Paper-a-thon

Post-ICIS 2018 MISQ Reviewer Workshop

ORGANIZATIONS AND PROFESSIONAL MEMBERSHIPS

AIS - Association for Information Systems

SJDM - Society for Judgment and Decision Making (currently inactive)

DSI - Decision Sciences Institute (currently inactive)

AMIA - American Medical Informatics Association (currently inactive)

POMS - Production and Operations Management Society 2016 (currently inactive)

Phi Kappa Phi
Beta Gamma Sigma

TEACHING – COURSES TAUGHT

Graduate Courses

<u>Course</u>	<u>Modality</u>	<u>Teaching Evaluations*</u>	<u>Average**</u>
Applied Analytics Project	online	4.80; 5.00; 4.60; 5.00; 4.76	4.83
Business Analytics, Teams, and Projects	online	5.00; 4.75; 4.89; 4.75; 4.88; 4.84; 4.78; 4.96; 4.82; 4.78; 4.84; 4.92; 4.42; 4.33	4.78

Undergraduate Courses

<u>Course</u>	<u>Modality</u>	<u>Teaching Evaluations*</u>	<u>Average**</u>
Well-being in Career and Everyday Life	in-person	4.66; 4.34	4.50
Information Technology & Business / Introduction to Information Systems [†]	in-person	4.09; 4.27; 4.24; 3.74; 4.41; 3.95; 3.87; 3.95; 4.17	4.08
MS Tools for Business Analysis / Business Computing I & II (Foundations & Advanced) [†]	in-person	4.39; 4.25; 4.62	4.22
	online	4.50; 4.22; 4.12; 4.62; 4.61; 4.47; 4.44; 3.45; 3.44; 3.71	
	in-person	4.89; 4.43	
Business Analytics	co-teaching in-person	4.74	4.49
	co-teaching in-person	3.88	

* Average teaching evaluation on a scale 1-5

** Average teaching evaluation (on a scale 1-5) across all sections taught

[†] These courses were taught at different universities and under different titles, but the nature and content were equivalent.

AWARDS & ACCOMPLISHMENTS

ICIS Paper-a-thon winners (2020)

AIS Doctoral Student Service Award (2018)

Recognition - JAIS Social Media Coordinator (2018)

SERVICE

Discipline-level service

- Chaired 'Privacy, Security, and Governance' paper session at AMCIS 2022
- Webinar/panel member: 'Virtualization of Commerce in the post-Covid World' June 26th, 2020

- Social Media Coordinator for the Journal of the Association for Information Systems, June 2016- Oct 2018, carrying out interviews until Jan 2019
- Volunteered at POMS 2016, May 6th-May 9th, 2016
- Ad-hoc Reviewer:
 - o Journals: Journal of Information Technology, European Journal of Information Systems, Journal of Information Technology Theory and Application, The Data Base for Advances in Information Systems, Journal of Medical Internet Research (JMIR), JMIR Medical Informatics, JMIR mHealth and uHealth, JMIR Human Factors, JMIR Aging, JMIR Formative Research, JMIR Research Protocols, JMIR Preprints, Health Informatics Journal, Journal of the Association for Information Science and Technology, Journal of Cybersecurity, Medical Decision Making, British Journal of Healthcare Management, PLOS ONE
 - o Conferences: AMCIS (2025), AMIA (2018, 2019, 2020, 2021), Conf-IRM (2020), ECIS (2022), ICIS (2016, 2017, 2018, 2019, 2020, 2021, 2022, 2024, 2025), MWAIS (2020, 2024), NEAIS (2022), Post-ICIS IS-CORE (2019), Pre-ICIS HITS (2018, 2022)

University-level service

- Founded and led an accountability writing group for Zimbleman College of Business, Drake University, Spring and Fall 2024
- Taught a virtual Business Analytics seminar at the Makerere University Business School in Kampala, Uganda, Aug 4th, 2023
- Speaker for Women in Information Systems (WAIS) and carried out a workshop on Big Data & Analytics for FIU AIS Student Chapter (per invitation), April 5th, 2018

INDUSTRY EXPERIENCE – (Pre-Academia)

24W Apartments, Wroclaw, Poland

Internet Marketing Manager | 04/2012 – 02/2013

Managed digital marketing strategy for an apartment hotel, enhancing web presence and customer engagement through SEO, analytics, and content initiatives.

Beaufort Media GmbH, Hamburg, Germany

Internet Marketing Intern | 05/2011 – 10/2011

Supported online marketing for two ventures (*Independent Publishing* and the *helpful.com* network), contributing to the development and analysis of digital campaigns for the Polish market.

bmi British Midland Airways, London, UK

IT Business Analyst & Project Coordinator | 12/2009 – 12/2010

Coordinated international IT asset audit and decommissioning; collected systems requirements for a unified system replacing Access and SQL Server databases to improve operational efficiency.

University of Malta, Msida, Malta

Communications Office & Information Services – Work Placement | 01/2007 – 05/2007

Assisted with database management, communications projects, and press conferences within the university's communications and information services division.