

CURRICULUM VITA

2023

Linda Wallace
Professor
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Personal

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Education

- Ph.D., Computer Information Systems, College of Business Administration, Georgia State University, 1999.
- B.S.(cum laude), Mathematics and Computer Science, Oglethorpe University, 1992.
- B.B.A.(cum laude), Accounting, Oglethorpe University, 1992.

Academic and Professional Experience

- 2023-present: Konrad W. Kubin Senior Faculty Fellow, Professor, Department of Accounting and Information Systems, Virginia Tech
- 2020-2023: Konrad W. Kubin Senior Faculty Fellow, Associate Professor, Department of Accounting and Information Systems, Virginia Tech
- 2011-2020: John and Angela Emery Junior Faculty Fellow, Associate Professor, Department of Accounting and Information Systems, Virginia Tech
- 2006-2011: Associate Professor, Department of Accounting and Information Systems, Virginia Tech
- 2000-2006: Assistant Professor, Department of Accounting and Information Systems, Virginia Tech
- 1998-2000: Visiting Professor, Department of Management, Kenan-Flagler Business School, University of North Carolina at Chapel Hill
- 1997-1998: Instructor, Department of Computer Information Systems, Georgia State University
- 1997: Statistical Consultant, Atlanta Back Clinic, Atlanta, Georgia.
- 1996-1997: Adjunct Professor, College of Business Administration, Oglethorpe University
- 1994 - 1997: Graduate Research Assistant, Department of Educational Policy Studies, Georgia State University

- 1993 - 1997: Graduate Research and Teaching Assistant, Department of Computer Information Systems, Georgia State University

Teaching

Teaching Interests:

- Accounting Systems and Controls
- Information Systems Security
- Management of Information Systems

Teaching Experience:

- Accounting Systems and Controls, Virginia Tech
- Information Systems Security and Assurance, Virginia Tech
- Information Systems Development, Virginia Tech
- Management Information Systems, Virginia Tech
- Introduction to Management Information Systems, University of North Carolina at Chapel Hill
- Information Technology Management, Masters of Accounting Program, University of North Carolina at Chapel Hill
- Systems Analysis, Georgia State University
- Introduction to Computer Based Information Systems, Georgia State University
- Accounting Information Systems, Oglethorpe University
- Principles of Accounting, Oglethorpe University

Research Activities

Research Interests:

- Crowdfunding
- Fitness technologies
- Online social networks
- Project management
- Information technology and SOX compliance
- Information systems security
- Fake news
- Bottom-up IT
- Software development risk

Publications:

- Sullivan, J. H., Warkentin, M. and L. Wallace. (2021) "So Many Ways for Assessing Outliers: What Really Works and Does it Matter?" *Journal of Business Research*, **132**, p. 530-543
- French, Aaron M., Veda C. Storey, and Linda Wallace. (2021) "Les Misérables: The Tale of COVID-19 and Role of Information Systems." *Journal of Organizational Computing and Electronic Commerce*, **31** (2), p. 96-113.
- James, T.L., Shen, W., Townsend, D., Junkunc, M., and Wallace, L. (2021). Love Can't Buy You Money: Resource Exchange on Reward-Based Crowdfunding Platforms. *Information Systems Journal*, **31** (4), p. 579-609
- Storey, V.C., and Wallace L. (2019). Information Technology and Entrepreneurship: Factors that Shape Investment Support for Innovation. *Foundations and Trends in Information Systems*, **4** (1), p. 1-150
- James, T.L., Wallace, L., and Deane, J. (2019) "Using Organismic Integration Theory to Explore the Associations between Users' Exercise Motivations and Fitness Technology Feature Set Use". *MIS Quarterly*, **43** (1), p. 287-312
- James, T.L., Wallace, L. and Deane J. (2019) "An Application of Goal Content Theory to Examine How Our Desired Exercise Outcomes Impact Fitness Technology Feature Set Selection". *Information Systems Journal*, **29** (5), p. 1010-1039.
- James, T.L., Lowry, P.B., Wallace, L., and Warkentin, M. (2017) "The Effect of Belongingness on Obsessive-Compulsive Disorder in the Use of Online Social Networks." *Journal of Management Information Systems*, **34** (2), p. 560-596.
- Wallace, L., James, T.L., and Warkentin, M. (2017). "How do you Feel about your Friends?: Understanding Situational Envy in Online Social Networks". *Information & Management*, **54** (5), p. 669-682.
- James, T.L., Wallace, L., Warkentin, M., Kim, B.C., and Collignon, S.E. (2017) "Exposing Others' Information on Online Social Networks: Perceived Shared Risk, Its Determinants, and Its Influence on OSN Privacy Control Use". *Information & Management*, **54** (7), p. 851-865.
- Henderson, D., Sheetz, S., and Wallace, L. (2015). "Understanding Software Metric Use", *ISACA Journal*, volume 1, p. 1-7.
- Wallace, L. and S. Sheetz (2014). "The Adoption of Software Measures: A Technology Acceptance Model (TAM) Perspective", *Information & Management*, **51** (2), p. 249-259.
- Abrahams, A., Barkhi, R., Coupey, E., Ragsdale, C., and Wallace, L. (2014). "Converting Browsers into Recurring Customers: An Analysis of the Determinants of Sponsored Research Success for Monthly Subscription Services", *Information Technology & Management*, **15** (3), p. 177-197.
- Wallace, L. (2014) "IT Project Management" encyclopedia entry. Wiley's *Encyclopedia of Management* volume on Management Information Systems (Volume 7, edited by Detmar Straub and Richard Welke), 3rd Edition, Cary L. Cooper, Editor-in-Chief, Wiley (Chichester).
- Lin, H., Fan, W., and Wallace, L. (2013). "The Effects of Social and Technical Factors on User Satisfaction, Sense of Belonging and Knowledge Community Usage". *International Journal of e-Collaboration*, **9**(3), p. 13-30.

- Lin, H., Wallace, L., and Cefaratti, M. (2012). "Enterprise Risk Management, COBIT, and ISO 27002: A Conceptual Analysis". *Internal Auditing*, **27** (2): 3-12.
- Camara, S., R. Crossler, V. Midha, and L Wallace (2011), "Bank Solutions Disaster Recovery and Business Continuity: A Case Study for Business Students", *Journal of Information Systems Education*, **22**(2), p. 117-122.
- Wallace, L., H. Lin, and M. Cefaratti (2011), "Information Security and Sarbanes-Oxley Compliance: An Exploratory Study", *Journal of Information Systems*, **25**(1), p. 185-211.
- Cefarrati, M., H. Lin, and L Wallace (2011). "The Information Security Control Environment: Chief Audit Executives Identify the Most and Least Common Information Security Controls", *Internal Auditor*, **68**(2), p. 55-59.
- Lin, H., M. Cefaratti, and L. Wallace (2011), "The Prevalence of Information Security Controls: Perspectives from IT Auditors", *The ISACA Journal (Jonline)*, volume 2.
- Sheetz, S., D. Henderson, and L. Wallace. (2009). "Understanding Developer and Manager Perceptions of Function Points and Source Lines of Code" *Journal of Systems and Software*, **82**(9), p. 1540-1549.
- Barkhi, R. and L. Wallace (2007). "The Impact of Personality Type on Purchasing Decisions in Virtual Stores" *Information Technology & Management*, **8**(4), p.313-330.
- Snow, A., M. Keil, and L. Wallace (2007). "The Effects of Optimistic and Pessimistic Biasing on Software Project Status Reporting". *Information & Management*, **44**(2), p. 130-141.
- Baker, W. and L. Wallace (2007). "Is Information Security Under Control? Investigating Quality in Information Security Management" *IEEE Security and Privacy* **5**(1): 36-44.
- Fan, W., L. Wallace, S. Rich, and Z. Zhang (2006). "Tapping into the Power of Text Mining". *Communications of the ACM*, **49**(9): 76-82. Google citations: 677
- Fan, W., P. Pathak, and L. Wallace (2006) "Nonlinear Ranking Function Representations in Genetic Programming-Based Ranking Discovery For Personalized Search". *Decision Support Systems*, **42**(3), 1338-1349.
- Wallace, L, M. Keil, and A. Rai (2004). "How Software Project Risk Affects Project Outcomes: An Investigation of the Dimensions of Risk and an Exploratory Model". *Decision Sciences*, **35**(2): 289-321. Google citations: 691.
- Wallace, L, and M. Keil (2004). "Software Project Risks and their Impact on Outcomes". *Communications of the ACM*, **47**(4): 68-73.
- Wallace, L., M. Keil, and A. Rai (2004). "Understanding Software Project Risk: A Cluster Analysis". *Information & Management*, **42**(1): 115-125. Google citations: 609.
- Keil, M., L. Wallace, D. Turk, G. Dixon-Randall and U. Nulden (2000). "An Investigation of Risk Perception and Risk Propensity on the Decision to Continue a Software Development Project." *Journal of Systems and Software*, **53**(2): 145-157.

Refereed Conference Papers:

- Wallace, L., Warkentin, M. and Benbasat, I. (2018) "How Do You Handle It? An Investigation of Facebook Affordances and Envy" *Proceedings of the 51st Hawaii International Conference on System Sciences (HICSS-51)*

- Townsend, D., Junkunc, M., Wallace, L., and James, T.L. (2017) “Love Can’t Buy You Money: Economic and Social Exchange on Reward-Based Crowdfunding Platforms”. Accepted to the *Babson College Entrepreneurship Research Conference* (BCERC 17) on 12/14/16
- Townsend, D., Junkunc, M., Wallace, L., and James, T.L. (2016) “Love Can’t Buy You Money: Economic and Social Exchange on Reward-Based Crowdfunding Platforms”. *2016 SMS Special Conference* in Rome.
- James, T.L., Wallace, L., Junkunc, M. and Townsend, D. (2016) “The Anger of The Crowd: Psychological Contract Violation in Reward-Based Crowdfunding Campaigns”. *2016 SMS Special Conference* in Rome.
- Fan, W., Zhou, M., Wang, A. and Wallace L. (2016) “Project Communications on Crowdfunding Success: An Empirical Study Based on Elaboration Likelihood Model” *2016 American Accounting Association (AAA) meeting*, Best paper award.
- Schuler-Scott, A. James, T.L., Wallace, L. and Collignon, S. (2014). “A Heuristic-Systematic Processing Model for Android Application Permission Messages”, in the *Proceedings of the 45th Annual Meeting of the Decisions Sciences Institute*, Tampa, FL.
- H. Lin, W. Fan, L. Wallace, Z. Zhang, “An empirical study of knowledge community success,” in the *Proceedings of the 40th Hawaii International Conference on System Sciences (HICSS)*, January 3-6, Big Islands, HI, 2007.
- Sheetz, S., D. Henderson, and L. Wallace.” Understanding Manager and Developer Perceptions of the Relative Advantage, Compatibility, and Complexity of Function Points and Source Lines of Code” *Americas Conference on Information Systems (AMCIS)*, August 11-14, 2005, best paper nomination.
- Wallace, L., M. Keil, and A. Segars. “Software Project Risk: An Investigation of the Construct and Its Measurement”. *Academy of Management ‘02*, August 11-14, 2002.
- Wallace, L. “The Development of an Instrument to Measure Software Project Risk”, *Association for Information Systems ‘97 (AMCIS)*, PhD Candidate Research-in-Progress Mini-Track, August 15-17, 1997, p.1066.
- Wallace, L., and Keil, M. “Managing IT Projects: The Effects of Risk Perception and Risk Propensity on Risk Behavior”, *Proceedings of the 1996 Georgia Research In Information Technology Systems Conference (GRITS ‘96)*, March 1996, p.76.

Working Papers (in review process):

- Wallace, L., Benbasat, I., Krasnova, H. and M. Warkentin. How Do You Handle It? A Theory of Coping with Envy on Social Network Sites. Under 2nd review at *MIS Quarterly*. Resubmitted September 15, 2022.
- French, A., Storey, V., and L. Wallace. An Exploratory Study Evaluating the Consumption and Unintentional Spread of Fake News. Under 3rd review at *MIS Quarterly*. Resubmitted December 1, 2022.
- Chua, C., Storey, V., and L. Wallace. Obtaining Legitimacy in Bottom-Up IT Projects: An Institutional Entrepreneurship Perspective. Under review at *Journal of the Association of Information Systems (JAIS)*. Submitted August 2022.

- French, A., Storey, V. and L. Wallace. The INUNIM Framework for Understanding Intentional and Unintentional Impacts of Fake News and Polarization. 3rd round R&R at *ISJ*. Revision in process. Due February 8th, 2023.
- Storey, V. and L. Wallace A Sentiment-Semantic Framework for Text Analysis. 1st round R&R at *Communications of the AIS*. Revision in process.
- French, A., Storey, V., and L. Wallace. The Impact of Cognitive Biases on the Consumption and Believability of Fake News. Submitted to *Journal of Information Technology (JIT)* December 29, 2022.
- Wallace, L., Storey, V. and C. Chua. Funding Innovative Ideas: Crowdfunding versus Professional Investment in Information Technology Innovations. Submitted to *MIS Quarterly*, December 19, 2022.

Working Papers (in progress):

- Wallace, L., Krasnova, H. and I. Benbasat. An Empirical Investigation of the Impact of Social Media Envy. *In Progress*.
- Wallace, L. and V. Storey. Empirical Investigation of Crowdfunding Information Technology Innovations. *In Progress, Data Collected*.

Invited Presentations:

- Wallace, L. “The Development of an Instrument to Measure Software Project Risk”, Project Management Institute-Information Systems Special Interest Group’s 3rd Annual Professional Development Seminar, May 1999.

• Other Scholarly Activities

Associate Editor

- Information & Management (2018-present)
- Information Systems Journal (ISJ) (2009-2017)
- Decision Sciences (2015-2017)
- International Conference on Information Systems (ICIS 2014, 2019)
- 24th European Conference on Information Systems (ECIS 2016)

Reviewer – ad hoc

- Information Systems Research (ISR)
- MIS Quarterly (MISQ)
- Journal of Management Information Systems (JMIS)
- Decision Sciences
- Information & Management
- Journal of Strategic Information Systems (JSIS)
- Journal of the Association for Information Systems (JAIS),

- IEEE Transactions on Engineering Management (IEEE TEM)
- Communications of the ACM (CACM)
- Communications of the AIS (CAIS)
- Computers in Human Behavior (CHB)
- DATABASE
- Information Technology & Management
- Project Management Journal
- International Conference on Information Systems (ICIS)
- Association for Information Systems Americas Conference (AMCIS)
- International Conference on Software Maintenance (ICSM)
- Hawaii International Conference on System Sciences (HICSS)

PhD Committee Service

- Wade Baker, Ph.D. student in the Business Information Technology department, Virginia Tech.
- Mohammad Alkandari, Ph.D. student in the Computer Science department, Virginia Tech.
- Hui Lin, Ph.D. student in the Accounting and Information Systems department, Virginia Tech.
- Ahmed Sidky, Ph.D. student in the Computer Science department, Virginia Tech.
- Dave Henderson, Ph.D. student in the Accounting and Information Systems department, Virginia Tech.

Service to College

- Chair, Department Curriculum Committee, 2007-present
- Member, Department AOL Committee, 2019-present
- Member, Master of Accounting and Information Systems Committee, 2019-present
- Member, University Graduate Curriculum Committee, 2014-2020
- Member, Department Promotion and Tenure Committee, 2019-2020
- Member, Department Strategic Planning Committee, 2019-2020
- Member, College Graduate Studies and Policies Committee, 2015-2017
- Member, College Research Committee, 2014-2017

Grant Reviewer

- National Science Foundation (NSF), March 2005.

Professional Activities

- Member, Association for Information Systems (AIS)
- Member, Decision Sciences Institute (DSI)
- Track chair, AMCIS 2016

Honors

- Recipient of Konrad W. Kubin Senior Faculty Fellow, 2020-present
- Recipient of the John and Angela Emery Junior Faculty Fellow 2011-2020
- Recipient of Pamplin College of Business summer research grant, Virginia Tech 2018-2020
- Recipient of departmental summer research grants, Virginia Tech, 2000-2004, 2006-2009
- Recipient of GTA Teaching Excellence Award, Georgia State University, 1998
- Participant, ICIS 1997 Ernst & Young Doctoral Consortium
- Dissertation Grant, Georgia State University, 1997
- Recipient of Georgia Society of CPA's Award, 1991

References

- Available upon request