

Dr. Jeffrey A. Bohler
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Information Systems
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Education

Ph D, Auburn University, 2009.
Major: Management Information Systems
Dissertation Title: Education Technology Impact on Department of Defense Financial Manager Continuing Education Programs Bohler, Jeffrey (2009-07-28) This dissertation uses action research to examine, within the Department of Defense financial manager (DOD FM) community, how the rapid pace of information technology innovations may affect continuing professional education

MMOAS, Air University, 2000.
Major: Military Operational Art and Science
Dissertation Title: Integrating Commercial Electronic Equipment to Improve Military Capabilities

BS, Georgia Institute of Technology, 1985.
Major: Information and Computer Science

Academic, Government, Military and Professional Positions

Academic

Associate Professor, Department Chair, Auburn University at Montgomery. (August 1, 2024 - Present).

Associate Professor, Auburn University Montgomery. (August 16, 2023 - July 31, 2024).

Associate Professor, Troy University. (August 1, 2019 - July 31, 2023).

Assistant Professor, Troy University. (August 1, 2013 - July 31, 2019).

Lecturer, Troy University. (August 1, 2010 - July 31, 2013).

Adjunct Professor, Troy University. (August 1, 2008 - July 31, 2010).

Military

Commander, U.S. Navy. (December 13, 1985 - August 8, 2008).

Petty Officer 2nd Class, U. S. Navy. (January 3, 1980 - July 31, 1981).

Professional

President, Decision Evolution. (August 8, 2008 - December 31, 2012).

Licensures and Certifications

Certificate of Competency in the Fundamentals of Deep Learning, NVIDIA. (November 10, 2023 - Present).

Security Awareness Training, Troy University. (November 24, 2019 - Present).

Security Awareness Training, Troy University. (July 4, 2018 - Present).

Security Awareness Training, Troy University. (August 19, 2017 - Present).

SAS Text Miner, SAS. (July 14, 2017 - Present).

Workplace Harassment: Fundamentals - Higher Ed, Troy University. (January 10, 2017 - Present).

SAS Programming 1: Essentials, SAS. (November 9, 2016 - Present).

Security Awareness Training, Troy University. (June 9, 2016 - Present).

SAVE Administration, Troy. (May 11, 2016 - Present).

SAVE Faculty, Troy University. (May 11, 2016 - Present).

Commercial Pilot, Multi Engine, Instrument Rated, Federal Aviation Administration. (August 15, 2011 - Present).

FDI Canvas, Faculty Development Institute. (May 10, 2024 - May 9, 2027).

Professional Memberships

Member, Informing Science Institute. (March 15, 2023 - Present).

Member, Association for Computing Machinery. (March 15, 2018 - Present).

Institute for Operations Research and the Management Sciences. (November 8, 2012 - Present).

Member, Association for Information Systems. (August 1, 2004 - Present).

Aircraft Owners and Pilots Association. (September 1, 2004 - July 31, 2015).

Development Activities Attended

Tutorial, "Canvas - Live Training," The Office of Distance Education & Faculty Development Institute - Auburn University at Montgomery, Montgomery, AL, United States. (May 10, 2024).

Conference Attendance, "Out of the Box - Workshop on Teaching and Learning," AUM, Civil Rights Civil Virtues, Guest Speaker Committee, Faculty Development Committee, EEEEC, Staff Council, College of Liberal Arts & Social Sciences, Montgomery, AL, United States. (May 8, 2024 - May 9, 2024).

Flash Talks, "Flash Talks," Office of Distance Education & Faculty Development Institute, Montgomery, United States. (March 27, 2024).

AUM Chancellor's Business Breakfast, "AUM Chancellor's Business Breakfast," Office of Collaborative Partnerships, Montgomery, AL, United States. (March 7, 2024).

Workshop, "AI Workshop," Nvidia Corporation, AUM COB MIS Department, Montgomery, AL, United States. (November 10, 2023).

Panel Discussion, "AI and the Future of Work," Economics Department & Economics Club, Montgomery, AL, United States. (November 8, 2023).

Book Study, "The Exchange - Radical Hope (Book Study)," Office of Distance Education & Faculty Development Initiative, Montgomery, AL, United States. (November 6, 2023).

Self-Study Program, "Common Mistakes in the AOL Process," AACSB. (October 15, 2023).

Tutorial, "Utilizing Peer Mentors for Student Success," Experiential Education and Engagement Center (EEEC), Montgomery, AL, United States. (October 13, 2023).

Workshop, "John Maxwell's 5 Levels of Leadership," Auburn University, Auburn, AL, USA. (September 21, 2023).

Workshop, "Academic Research at AUM," AUM / Office of Distance Education, Montgomery, AL, USA. (September 14, 2023).

Webinar, "Optimizing 911 and Using Its Data to Enhance and Evaluate First Responder Services," ASPA/CAP, Online, Online, United States of America. (September 22, 2021).

Conference Attendance, "2021 South Big Data Hub All-Hands Meeting," South Big Data Innovation Hub, Virtual, Alabama. (July 28, 2021 - July 30, 2021).

Conference Attendance, "European Conference on Information Systems," Association for Information Systems, Marrakech, Morocco. (June 14, 2021 - June 16, 2021).

Conference Attendance, "AMCIS 2020," Association for Information Systems (AIS), Virtual Conference, Virtual Conference, United States of America. (August 10, 2020 - August 14, 2020).

Workshop, "Crash Course on Applying Standards for Building High-Quality Online Courses," AMCIS 2020, Online, Online, United States of America. (August 13, 2020).

Course, "Game Development GDD-3320," Troy University, Troy, AL, United States of America. (May 26, 2020 - July 26, 2020).

Tutorial, "Discover the internet of things with a Raspberry Pi and a houseplant," Microsoft. (June 30, 2020).

Webinar, "The Learning Science Behind Achieving Authentic and Effective Student Interactivity," Cengage. (June 25, 2020).

Tutorial, "AI: Autonomous Systems - Building Open Standards based Autonomous Drones with Dronecode and AirSim," Microsoft. (June 24, 2020).

Workshop, "Professional Decorum: Learn about professionalism in the workplace, both online and face-to-face," Troy University, Auburn, AL. (June 24, 2020).

Conference Attendance, "Pacific Asia Conference on Information Systems (PACIS)," Association for Information Systems (AIS), Virtual (Dubai). (June 22, 2020 - June 24, 2020).

Conference Attendance, "European Conference on Information Systems," Association for Information Systems, Virtual, Morocco. (June 15, 2020 - June 17, 2020).

Webinar, "Teams Collaboratorium: Extensibility," Microsoft, Redmond, WA, United States of America. (May 26, 2020).

Webinar, "Teams Collaboration: Modern Collaboration," Microsoft, Redmond, WA, United States of America. (May 21, 2020).

Webinar, "Teams Collaboratorium: Modern Meetings," Microsoft, Online, Alabama, United States of America. (May 19, 2020).

Webinar, "Organizational Behavior: Integrating Reflection into the Mini-Sim Experience," Pearson, Online, Online. (October 14, 2019).

Tutorial, "DemoX," edX, Online, Online, United States of America. (May 23, 2019).

Graduate Education, "QM 6640 - Data Analysis for Global Management," Troy University, Troy, AL, United States of America. (March 18, 2019 - May 19, 2019).

Seminar, "Case Study Perspective to the Digital Transformation of the Perioperative Process," Troy University Phenix City Campus, Phenix City, AL, United States of America. (February 6, 2019).

Seminar, "Culturally Adaptive Motivation," Troy University Phenix City Campus, Troy University Phenix City Campus, AL, United States of America. (February 6, 2019).

Continuing Education Program, "Introduction to Machine Learning and A.I. 101," Auburn University, Auburn, AL, United States of America. (October 4, 2018).

Webcast, "Machine Learning, Computing as Signal and Security," National CyberWatch Center, Phenix City, AL, United States of America. (September 27, 2018).

Workshop, "Global Azure Bootcamp 2018," Troy University IT Society, Troy, AL, United States of America. (April 21, 2018).

Seminar, "Improving Perioperative Data Integrity and Quality via Electronic Medical Record Reconciliation," Troy University Phenix City Campus, Phenix City, AL, United States of America. (April 4, 2018).

Seminar, "The Impact of Students Opting for a Proctored Midterm Exam versus a Proctor Final Exam," Troy University Phenix City Campus, Phenix City, AL. (April 4, 2018).

Continuing Education Program, "Text Analytics Using SAS Text Miner," SAS, Cary, NC, United States of America. (July 13, 2017 - July 14, 2017).

Seminar, "Gender and Information and Communication Technology Assisted Learning in Higher Education: An examination of Faculty Communication Patterns," Troy University Phenix City Campus, Phenix City, AL, United States of America. (April 26, 2017).

Seminar, "Short-Term Individual Investing Using Publicly Available Stock Upgrades and Downgrades," Troy University Phenix City Campus, Phenix City, AL, United States of America. (April 26, 2017).

Seminar, "Instructor Videos and the Education Production Function in Online Economics Courses," Troy University Phenix City Campus, Phenix City, AL, United States of America. (March 22, 2017).

Seminar, "Motivations and Intentions of Tourists to Visit Dark Tourism Locations," Troy University Phenix City Campus, Phenix City, AL, United States of America. (March 22, 2017).

Self-Study Program, "Workplace Harassment: Fundamentals - Higher Ed," Troy University, Phenix City, AL, United States of America. (January 10, 2017).

Self-Study Program, "SAS Programming 1: Essentials," SAS, Auburn, AL, United States of America. (November 9, 2016).

Conference Attendance, "Business Analytics Symposium," University of Alabama, Culverhouse College of Commerce, Tuscaloosa, AL, United States of America. (October 13, 2016 - October 14, 2016).

Tutorial, "SAS Faculty Introduction Training," Troy SCOB, Troy, AL, United States of America. (August 11, 2016 - August 12, 2016).

Seminar, "Investigating Mediators Between Governance, Structures and Corporate Social Performance," Troy University Phenix City Campus, Phenix City, AL, United States of America. (February 24, 2016).

Seminar, "Teaching Octavia E. Butler's Parable of the Sower in an Online, Accelerated Environment," Troy University Phenix City Campus, Phenix City, AL, United States of America. (February 24, 2016).

Seminar, "From Tree To Bar: Creating and Managing a Sustainable Business in Haiti," Troy University Phenix City Campus, Phenix City, AL, United States of America. (February 3, 2016).

Seminar, "The New Digital Divide - The Effects of Information Technology Illiteracy in the Information Age on Career Opportunity," Troy University Phenix City Campus, Phenix City, AL, United States of America. (February 3, 2016).

Seminar, "Emotional Intelligence," Center of Excellence in eTeaching, Troy, AL, United States of America. (January 27, 2016).

Workshop, "SQL Saturday," PASS, Phenix City, AL, United States of America. (October 3, 2015).

Conference Attendance, "Spring 2015 International Conference," Academy of Business Research, New Orleans, LA, United States of America. (March 25, 2015 - March 27, 2015).

Workshop, "PLS-SEM Path Modeling Workshop," Academy of Business Research, New Orleans, LA, United States of America. (March 25, 2015).

Workshop, "Teaching for Student Engagement Workshop," College of Education, Troy University, Troy, AL, United States of America. (September 20, 2013 - September 21, 2013).

Workshop, "New Faculty Assessment Workshop," Troy University, Troy, ALABAMA, United States of America. (September 11, 2013).

Conference Attendance, "Troy IT Summit," Troy University IT, Troy, AL, United States of America. (August 28, 2013 - August 30, 2013).

Training, "Annual Harassment & Discrimination Prevention Training," HR, Montgomery, AL, United States of America. (August 19, 2013).

Educational Technology Demonstration, "Wall street Journal Online," SCOB and WSJ, Online. (June 20, 2013).

Faculty Meeting, "IS 2241 Committee Meeting," SCOB, Troy, AL, United States of America. (June 6, 2013).

Faculty Meeting, "IS 3380," SCOB IS, Troy, AL, United States of America. (May 8, 2013).

Conference Attendance, "MS Server 2012 Conference," Microsoft, Columbus, GA, United States of America. (May 2, 2013).

Workshop, "Free IS for Higher Education Faculty," SCOB - Montgomery, Montgomery, ALABAMA, United States of America. (May 1, 2013).

Seminar, "Independent Research Presentation Seminar," SCOB, Montgomery / Online, AL, United States of America. (April 24, 2013).

Conference Attendance, "eColloquium 2013," Troy University, Auburn, AL, United States of America. (April 16, 2013 - April 17, 2013).

Conference Attendance, "Global Perspectives on College and University Teaching Symposium," Auburn University, Auburn, AL, United States of America. (April 7, 2013 - April 9, 2013).

Seminar, "Research Roundtable," SCOB - IS - Montgomery, Montgomery, ALABAMA, United States of America. (February 27, 2013).

Educational Technology Demonstration, "Created a Google+ Conference," SCOB - Montgomery, Montgomery, ALABAMA, United States of America. (February 11, 2013).

Conference Attendance, "Webinar: Predictive Analytics," IBM, Online. (December 13, 2012).

IS Advisory Meeting, "IS Advisory Meeting," SCOB IS Department, Troy, AL, United States of America. (September 12, 2012).

Convocation, "Troy University Convocation," Troy University, Troy, AL, United States of America. (August 10, 2012).

SCOB Meeting, "SCOB 2012-2013 Annual Meeting," SCOB, Troy, AL, United States of America. (August 9, 2012).

Faculty Meeting, "SCOB Mission and Vision," SCOB, Montgomery, ALABAMA, United States of America. (June 27, 2012).

Faculty Development, "Student Advisement," SCOB, Montgomery, ALABAMA, United States of America. (June 6, 2012).

Conference Attendance, "Troy University Blackboard Symposium," Troy University, Troy, Alabama, United States of America. (April 2, 2012 - April 3, 2012).

Visit, "Site visit," von Mises Institute, Auburn, AL, United States of America. (January 22, 2012).

Conference Attendance, "eCampus Online Colloquium 2010," Troy, Online, AL, United States of America. (April 13, 2010 - April 15, 2010).

TEACHING

Teaching Experience

Auburn University Montgomery

INFO 3070, Mngt Systems, Tech, and Data, 2 courses.
INFO 5880, Data Analytics for Comp Adv, 3 courses.
QMTD 6740, Data Analysis for Managers, 4 courses.

RESEARCH

Published Intellectual Contributions

Books

Bohler, J. (2009). *Education Technology Impact on Department of Defense Financial Manager Continuing Education Programs* (pp. 219). Auburn, Alabama: Auburn University.
hdl.handle.net/10415/1821

Refereed Journal Articles

Russomano, J. A., Sherman, S., Larson, B., Mills, H., Bohler, J. (2023). A case study for exploring project management methodologies. *Journal of Business Cases and Applications / AABRI*, 39, 13. <https://www.aabri.com/jbca.html>

Bohler, J. A., Drake, J. R., Paul, R. R., Kisling, E. L. (2022). Can Social Media Make Us More Trusting? *Journal of Electronic Commerce in Organizations / IGI Global*, 20(1), 16.
<https://www.igi-global.com/pdf.aspx?tid=305738&ptid=277473&ctid=4&oa=true&isxn=9781799893387>

Todd, D. W., Larson, B., Smith, E. F., Bohler, J. (2022). Prescriptive analytics: Optimization of fertilizer supply to meet demand using linear programming. *Journal of Business Cases and Applications*, 35(N/A), 12. <https://www.aabri.com/jbca.html>

Sherman, S., Larson, B., Bohler, J., Smith, E. F. (2022). Using Teach Back Tutorials to Overcome Pandemic Learning Gaps. *Issues in Informing Science and Information Technology / Informing Science Institute, Volume 19*, pp. 135-148.
<https://www.informingscience.org/Journals/IISIT/Articles>

Sherman, S., Larson, B., Bohler, J. (2021). Agile development of a whole health system. *Journal of Business Cases and Applications / AABRI*, 32, 15.
<http://aabri.com/manuscripts/213410.pdf>

Larson, B., Sanders, M., Bohler, J. (2021). Aligning of Management Information Systems and Business Analytics Curricula to Supplement Accounting Education. *Information Systems Education Journal, Volume #19(6)*, 27-39. <https://isedj.org/2021-19/n6/ISEDJv19n6p27.html>

Larson, B., Bohler, J., Krishnamoorthy, A. (2021). Central Custom Video Repositories: Addressing Administrative Challenges to Adding Business Analytics Throughout a Curriculum. *Midwestern Business and Economic Review*(54), 14.
https://msutexas.edu/academics/business/centers/mber/_assets/files/mber-issue54-spring2021.pdf

- Larson, B., Davis, C. M., Peachey, T., Bohler, J. (2021). Using visualizations for introducing regression concepts. *Journal of Business Cases and Applications*, 29, 19. <http://aabri.com/jbca.html>
- Larson, B., Bohler, J., Krishnamoorthy, A. (2021). Innovative Pedagogical Strategies of Streaming, Just-in-Time Teaching, and Scaffolding: A Case Study of Using Videos to Add Business Analytics Instruction Across a Curriculum. *Journal of Information Technology Education: Innovations in Practice*, 20, 19. <http://www.jite.org/documents/Vol20/JITE-IIPv20p001-019Larson6973.pdf>
- Bohler, J., Larson, B., Peachey, T., Shehane, R. F. (2020). Evaluation of Information System Curricula. *Journal of Information Systems Education*, 31(3), 232-243. <https://jise.org/Volume31/n3/JISEv31n3p232.pdf>
- Krishnamoorthy, A., Bohler, J., Cheng, W. I., Shetterly, D. R. (2020). An Analysis of Pedagogical Approaches in Diverse Topical Areas. *Midwestern Business and Economic Review*(53), 12-23. https://msutexas.edu/academics/business/centers/mber/_assets/files/mber_issue53_spring20_ada.pdf
- Bohler, J., Krishnamoorthy, A., Larson, B. (2017). The Financial and Non-financial Aspects of Developing a Data-Driven Decision-Making Mindset in an Undergraduate Business Curriculum. *e-Journal of Business Education and Scholarship of Teaching*, 11(1), 85-96. www.ejbest.org
- Shehane, R. F., Sherman, S., Bohler, J. (2016). Improving Student Literature Research Skills. *Global Education Journal*, 2016(1), 10. www.franklinpublishing.net
- Shehane, R. F., Sherman, S., Bohler, J. (2016). A SUPPLIER'S PERSPECTIVE OF PUBLIC SECTOR E-PROCUREMENT ADOPTION. *SS International Journal of Business and Management Research*, 6(1), 14-28. www.ssim.com/
- Bohler, J. (2008). Evaluation of a Decision Support Training Effectiveness Measure. *Canadian Journal of Administrative Science*, 25(1), 22-36. [dx.doi.org/10.1002/cjas.51](https://doi.org/10.1002/cjas.51)
- Bohler, J. (2007). Supply Chain Management Technology: A Review of Empirical Literature and Research Agenda. *International Journal of Integrated Supply Management (IJISM)*, 3(2), 105-124. <http://inderscience.metapress.com/content/1jg17uphb3k0p9h5/>

Conference Proceedings

- Bohler, J., Larson, B., Davis, C., Krishnamoorthy, A., Bohler, J. A. (in press). In Tom Janicki (Ed.), *Using Agile Methods for Course and Curriculum Development in Higher Education* (vol. 2024). Baltimore, MD: ISCAP Conference. <https://iscap.us/proceedings/2024/>
- Bohler, J., Larson, B., Sherman, S., Mills, H. (2023). *Using Registration Timing as an Early Indicator of At-Risk Students in an Online Stem Course* (pp. 012). Informing Science Institute. <http://dx.doi.org/10.28945/5151>
- Bohler, J., Sherman, S., Larson, B., Mills, H. (2023). In Elizabeth C. Boyd, Michael Jones (Ed.), *Using Registration Timing as an Early Indicator of At-Risk Students in an Online Stem Course* (InSITE 2023 ed., vol. 2023, pp. 17). Santa Rosa, California: Informing Science Institute. <https://www.informingscience.org/Publications/5151>

Sherman, S., Larson, B., Bohler, J., Fran Smith, E. (2022). *Using Teach Back to Overcome Pandemic Learning Gaps* (pp. 016). Informing Science Institute.
<http://dx.doi.org/10.28945/4963>

Bohler, J. (2017). *Building Trust Through Social Networking*. AIS.
<http://aisel.aisnet.org/amcis2017/HumanCI/Presentations/7/>

Bohler, J. (2009). *Education Technology Gap Theory* (2009th ed., vol. 1, pp. 11). American Conference on Information Systems (AMCIS). aisel.aisnet.org/amcis2009/771

Bohler, J. (2006). *Factors Affecting Decision Group Support Systems in the Department of Defense* (pp. 29). Pre-International Conference on Information Systems (ICIS) Special Interest Group on Decision Support Systems (SIGDSS) Research Workshop.

Journal Articles

Larson, B., Bohler, J., Krishnamoorthy, A. Central custom video repositories: Addressing administrative challenges to adding business analytics throughout a curriculum. *S. Keith Lowe, PhD Julie Staples, CPA Cassandra L. Ward, CPA*, 13.

Sherman, S., Larson, B., Bohler, J., Fran Smith, E. (2022). Using Teach Back Tutorials to Overcome Pandemic Learning Gaps. *Issues in Informing Science and Information Technology*, 19, 135-148. <http://dx.doi.org/10.28945/4967>

Larson, B., Sanders, M. A., Bohler, J. (2021). Aligning the Technical and Soft Skills of Management Information Systems and Business Analytics Curricula to Supplement Accounting Education. *Information systems education journal*, 19(6), 27--39.

Larson, B., Bohler, J., Krishnamoorthy, A. (2021). Innovative Pedagogical Strategies of Streaming, Just-in-Time Teaching, and Scaffolding: A Case Study of Using Videos to Add Business Analytics Instruction Across a Curriculum. *Journal of Information Technology Education: Innovations in Practice*, 20, 001-019. <http://dx.doi.org/10.28945/4694>

Bohler, J., Larson, B., Shehane, R. F. (2020). Evaluation of Information Systems Curricula. *Journal of Information Systems Education*, 31(3), 232.

Bohler, J., Krishnamoorthy, A., Larson, B. (2017). The Financial and Non-Financial Aspects of Developing a Data-Driven Decision-Making Mindset in an Undergraduate Business Curriculum. *E-Journal of Business Education and Scholarship of Teaching*, 11(1), 85--96.

Other

Bohler, J. A. (2021). *Data Analytics Major at Troy University* (pp. 64). Troy, Alabama: Troy University.
https://www.troy.edu/_assets/academics-records/departments/records/degree-maps/2023-2024/sorrellcollegeofbusiness/dataanalytics021723.pdf

Bohler, J. (2017). *Troy University Sorrell College of Business SAS JAC Proposal*.

Bohler, J. (1999). *Integrating Commercial Electronic Equipment to Improve Military Capabilities* (pp. 35). Montgomery, AL: Air Command and Staff College Maxwell AFB.
oai.dtic.mil/oai/oai?verb=getRecord&metadataPrefix=html&identifier=ADA395153

Presentations Given

- Pappanastos, E. (Presenter & Author), Bohler, J. (Author Only), Larson, B. (Author Only), Coco, C. (Presenter & Author), SOBIE 2024 Academic Conference, "An insurance case that develops problem-solving, statistical analysis, and Excel skills," Society of Business, Industry, and Economics, Miramar Beach, FL. (April 11, 2024).
- Pappanastos, E. (Presenter & Author), Bohler, J. (Author Only), Larson, B. (Author Only), Coco, C. (Presenter & Author), SOBIE 2024 Academic Conference, "Using Simulation to Solve the Strong Birthday Problem," Society of Business, Industry, and Economics, Miramar Beach, FL. (April 11, 2024).
- Bohler, J. (Presenter & Author), Sherman, S. (Author Only), Larson, B. (Author Only), Mills, H. (Author Only), InSite 2023, "Using late registration as an early indicator of Potential At-Risk Students in online STEM courses.," Informing Science Institute, Virtual, Online, United States of America. (July 5, 2023).
- Bohler, J. (Presenter & Author), Youth Council Meeting, "Learning and Decision Making," 334 Prevention Project, Dothan, AL. (November 14, 2022).
- Bohler, J. (Presenter & Author), International Affairs, "Hanoi," Auburn Woman's Club, Auburn, AL, United States of America. (November 3, 2022).
- Krishnamoorthy, A., Bohler, J., Larson, B., International Academy of Business and Public Administration Disciplines, "The Implications of Technology Based Initiatives in Higher Education." (July 22, 2022).
- Bohler, J. (Presenter & Author), Farrell, S. J. (Presenter & Author), Advising Webinar Series: Bookings—The Easy Office Hour Solution, TROY Advising Webinar Hosting Team, Online, Alabama, United States of America. (March 21, 2022).
- Davis, C. M. (Presenter & Author), Larson, B. (Author Only), Peachey, T. (Presenter & Author), Bohler, J. (Author Only), AABRI Spring 2021 Virtual Conference, "A Path to Data Analytics Success," Academic and Business Research Institute (AABRI), Virtual, Virtual, United States of America. (February 2021).
- Larson, B., Sanders, M., Bohler, J., EDSIGCON, "Aligning of Management Information Systems and Business Analytics Curricula to Supplement Accounting Education," ISCAP, United States of America. (November 2020).
- Krishnamoorthy, A., Cheng, W. I., Bohler, J., International Academy of Business and Public Administration Disciplines, "Stock Valuation Pedagogical Strategies," Athens, Greece. (July 2019).
- Gaurav, A. (Author Only), Bohler, J. (Author Only), Lee, I. (Presenter & Author), Teng, K. K. L. (Author Only), Southeast Decision Sciences Institute 2019, "Evaluations of Empirical Ensemble Approaches to Detect Phishing Websites," Southeast Decision Sciences Institute, Savannah, GA. (February 21, 2019).
- Bohler, J., 23rd Americas Conference on Information Systems, "Building Trust through Social Networking," AMCIS, Boston, MA, United States of America. (August 11, 2017).
- Krishnamoorthy, A., Bohler, J., International Management Development Association, "Integrating Statistical and Quantitative Tools into a B-School Curriculum," Bishkek, Kyrgyzstan. (May 2017).

Bohler, J. (Presenter & Author), Krishnamoorthy, A. (Author Only), Larson, B. (Author Only), Phenix City Business Research Colloquium, "Developing a Data Driven Decisions Mindset in an Undergraduate Business Curriculum," Troy University Phenix City Campus, Phenix City, AL, United States of America. (February 1, 2017).

Bohler, J., SAS Faculty Introduction, "SAS Intro to SCOB Faculty," Troy University, Auburn, AL. (August 12, 2016).

Bohler, J. (Presenter & Author), Phenix City Business Research Colloquium, "Educational Technologies Workshop," Troy University Phenix City Campus, Phenix City, AL, United States of America. (March 23, 2016).

Bohler, J., ECAC-MOAA February Meeting, "The New Digital Divide - Impact on Younger Generations," East Central Alabama Chapter - Military Officers Association of America, Auburn, AL, United States of America. (February 16, 2016).

Bohler, J. (Presenter & Author), Phenix City Business Research Colloquium, "The new Digital Divide - The Effects of Information Technology Illiteracy in the Information Age on Career Opportunity," Troy University Phenix City Campus, Phenix City, AL, United States of America. (February 3, 2016).

Bohler, J. (Presenter & Author), Kandhadai, V. (Author Only), Spring 2015 New Orleans Conference, "An Analysis of Computer Security Incident Response Team Research," Academy of Business Research, New Orleans, LA, United States of America. (March 26, 2015).

Bohler, J. (Presenter & Author), Kumar, R. (Author Only), Spring 2015 New Orleans Conference, "An Examination of Ethical Hacking Research," Academy of Business Research, New Orleans, LA, United States of America. (March 26, 2015).

Bohler, J. (Presenter & Author), Spring 2015 New Orleans Conference, "Innovation and Education Business Models," Academy of Business Research, New Orleans, LA, United States of America. (March 26, 2015).

Media Contributions

Newspaper

The Tropolitan. (June 24, 2017).

Intellectual Contributions in Submission

Refereed Journal Articles

Pappanastos, E. A., Bohler, J. A., Larson, B., Coco, C. An insurance case that develops problem-solving, statistical analysis, and Excel skills. *Journal of Society of Business, Industry, and Economics*, 12. <https://www.buildingthepride.com/jobie/contact.php>

Research Currently in Progress

"A Case Study on Teaching Predictive Data Mining Using Linear Regression" (On-Going). A case study comparing the process and performance of various predictive data mining methods is presented using real data. Statistical concepts such as hypothesis testing, regression performance measures, k-nearest neighbor regression, regression trees, and

Neural Networks are presented. The case can be used in statistics or analytics courses for learning purposes. A case activity guide is provided to help instructors with explanations.

"A New Information System Research Model" (Planning).

Identifying a unifying research model for existing and proposed IS research.

"A Path to Data Analytics Success" (Writing Results).

Research into the appropriate way to fulfill prerequisites for analytics courses to allow the successful addition of students taking the courses as electives or as part of continuing education.

"An Ensemble Approach to Detect Phishing Web Sites" (Writing Results).

Phishing web sites are one of the biggest threats to the Internet users. The phishing is a threat when fake web sites pretends to be a genuine enterprise web site to steal Internet users confidential information such as social security numbers, user IDs, passwords, etc. Currently, there are few characteristics that can detect ingenuity of websites such as IP address in the URL, length of the URL, redirecting using escape sequences, pop-up windows, etc. Though a number of methods have been proposed to avoid phishing web sites, however, all have their limitations. In this paper, we build an ensemble approach based on a group of attributes that have been proven to be effective in predicting fraud websites, and propose an effective classification model to protect users from phishing attacks. Based on our preliminary experiments, an ensemble approach shows 5% improvement to detect phishing sites in terms of accuracy.

"Classification of Phishing Websites using Machine Learning" (Writing Results).

The purpose of this research is to build a group of attributes that have proven to be useful in predicting fraudulent websites and propose an efficient classification model to protect Internet users from phishing attacks.

"Community Outreach and STEM Education" (Planning).

Our communities need more people with science, technology, education, and mathematics education, yet students are reluctant to pursue these disciplines. An investigation and proposal for solutions to this dilemma.

"Creating Cultural Touchstones for Student Engagement" (On-Going).

Cross-culture and cross-generational differences make sharing stories to illustrate salient points difficult. The individual nature of how we gather news, are entertained, and communicate with each other results in fewer "cultural touchstones" that faculty can use to make a connection with students when trying to explain difficult concepts. This research aims to identify alternatives to creating "Cultural Touchstones" to support student success.

"Does the IS Discipline Have a Future?" (Planning).

A representative of an accrediting body recently stated that based on their observations the IS Discipline would disappear within twenty years. Does the IS discipline have an expiration date? This research examines this question from multiple perspectives.

"E-learning as an Equalizer" (Planning).

How has access to eLearning and Online education changed the educational playing field.

"Eating Our Own Dog food by Using a Collaborative and Iterative Approach in Teaching Data Analytics Throughout an Undergraduate Business School Curriculum" (On-Going).

Making data-driven decisions is increasingly becoming more important for organizations and academic institutions are increasingly being tasked with graduating students who have a quantitatively oriented mindset. Introducing those skills across to business students has never been more important. We insist that our models are developed through collaborative and iterative processes, but it is very tempting not to eat our own dog food and simply instruct

- as we have always done with individuals teaching to their strengths. We present a case study using continuous improvement and collaboration to improve analytic education across a curriculum.
- "ED Tech" (Planning).
BYOD preparation of faculty and students
- "Education Innovations and Social Upheaval" (Planning).
An investigation on how innovations in education have changed society, in order to better understand how advances in educational technologies may change society.
- "Effective Selection of Software Simulations" (Writing Results).
Description and analysis of educational software simulation packages.
- "Enhancing Student Engagement with Case Studies" (Writing Results).
Methods of increasing student engagement with practical, hands-on training to enhance learning and improve knowledge retention.
- "Free IS for the Higher Education Professor" (Planning).
A review and discussion of free IS application that can assist Higher Education professor with teaching, and academic research.
- "Has IS Innovation Hurt the Millennial Generation?" (Planning).
The Millennial Generation (aka Gen Y) born 1980 to 2000 have lived through incredible technological advances: personal computers, the age of the Internet, online gaming, and social networking. Have advances improved the lives of the Millennial Generation?
- "IS Impact on Intellectual Property" (Planning).
Research into the changing reality of intellectual property rights in the Information Age. Context Versus Content, A Discussion.
- "IS Impact on Social Networking Induced Stress" (Planning).
The overly connected world that we now live in can be stressful to some individuals. Are IS innovations a cause or a cure to Social Networking Induced Stress?
- "IS Innovation and the Higher Education Business Model" (Planning).
Innovations in Information Systems have made dramatic changes to traditional business models. This research hopes to illuminate the processes involved in business model transformation as regards higher education.
- "Millennials and Educational Technology Innovation Impact on Higher Education" (Planning).
A study on how Educational Technology is changing educational expectations of millennials.
- "Mining Discussion Threads: A Text Mining Case Study" (On-Going).
Using SAS Text Miner, this research will examine a discussion thread about real world hiring experience to identify major themes presented on a discussion thread posted on social networking website.
- "Organizations, Decision Making, and Information Systems" (Planning).
An analysis of how access to cloud based applications are changing organizational decision making paradigms.
- "Scraping and Crawling to Alignment" (Planning).
Research conducted using web scraping and crawling and content analysis to determine the skills required by entry accounting professionals.

"Teaching through teleconferencing" (Writing Results).

Using tools readily available online to enable alternative educational venues.

"The New Digital Divide" (Writing Results).

The Effects of Information Technology Illiteracy in the Information Age on Career Opportunity

"The Zombie Generation - Education and IS" (Planning).

The current generation of students face daunting challenges, expensive education for non-existent jobs, changing demographics, an uncertain economy, and global unrest. How does their use of IS affect their education and preparation for future success?

"Using Simulation to Solve the Strong Birthday Problem" (Writing Results).

The classical birthday problem is often used in introductory statistics and probability courses as an entertaining way to teach introductory probability concepts. When birthdays are assumed to be independent and uniformly distributed throughout the year, this probability is easy to calculate by hand. When the strong birthday problem is considered, the mathematics involved with hand calculations becomes extremely difficult, if not impossible. This article examines how simulation can be used to solve the strong birthday problem using Excel, R, and Python, addressing difficulty of creating the simulation and speed of performing probability calculations.

"Viral Education - A Multilevel Education Model" (Planning).

A proposal for a different educational model using existing IS resources. One instructor, no more than two students.

SERVICE

Department Service

Committee Chair, AI Faculty Search Committee. (April 2024 - Present).

Committee Chair, MS MIS and MS AI AOL Committee. (March 22, 2024 - Present).

Committee Member, COB Dean Search Committee. (March 2024 - Present).

Committee Member, IS Faculty Search Committee. (March 2024 - Present).

College Service

Committee Member, Dean's Leadership Committee. (August 1, 2024 - Present).

Committee Member, Outreach/Recruitment. (August 1, 2024 - Present).

Committee Chair, COB Strategic Planning Committee. (January 5, 2024 - Present).

Committee Member, MBA Program AOL Committee. (March 4, 2024 - July 31, 2024).

Committee Member, COB Assurance of Learning Committee. (August 16, 2023 - July 31, 2024).

Committee Co-Chair, COB Strategic Planning Committee. (August 16, 2023 - January 4, 2024).

University Service

Attendee, Graduation, Graduation. (May 4, 2024).

Attendee, Meeting, Graduation Preview Night. (October 17, 2023 - April 9, 2024).

Attendee, Convocation, Convocation. (August 18, 2023).

Professional Service

Reviewer, Ad Hoc Reviewer, Journal of Information Systems Education (JISE). (February 7, 2022 - Present).

Reviewer, Journal Article, JITE:ILP, Santa Rosa, California. (July 9, 2023).

Reviewer, Journal Article, JITE:Research, Santa Rosa, California. (June 17, 2023).

Reviewer, Journal Article, JITE:Research, Santa Rosa, California. (May 28, 2023).

Reviewer, Journal Article, JITE:Research, Santa Rosa, California. (May 7, 2023).

Reviewer, Conference Paper, InSite 2023, Online, Virtual. (March 31, 2023).

Reviewer, Journal Article, Journal of Information Systems Education (JISE), Auburn, AL. (May 16, 2020).

Reviewer, Conference Paper, AMCIS 2018, New Orleans, LA. (March 25, 2018 - March 26, 2018).

Reviewer, Journal Article, AMCIS 2017, Boston, MA. (April 1, 2017).

Reviewer, Textbook, Prospect Press, Burlington, VT. (July 16, 2015).

Reviewer, Conference Paper, International Conference on Information Systems 2013, Milan. (June 10, 2013).

Reviewer, Journal Article, Global Business and Technology Association, Helsinki. (April 2, 2013).

Public Service

Officer, President/Elect/Past, Bohler Family, Auburn, AL. (January 15, 2020 - Present).

Social Media Department Chair, Military Officers Association of America, Auburn, AL. (January 1, 2019 - Present).

Officer, Secretary, Bethsaida Baptist Church Cemetery, Inc., Riverdale, GA. (November 15, 2021 - October 15, 2022).

Consulting

Government, Alabama Medical Cannabis Commission, Montgomery, AL, United States of America. (January 13, 2023 - January 31, 2023).

Non-Governmental Organization (NGO), His Place, Opelika, AL, United States of America. (September 1, 2015).

Non-Governmental Organization (NGO), His Place, Opelika, AL, United States of America. (August 18, 2015).

For Profit Organization, Rheem Water Heating Division Headquarters, Montgomery, AL, United States of America. (January 7, 2015 - April 15, 2015).

Academic, Defense Financial Management & Comptroller School, Montgomery, ALABAMA, United States of America. (November 15, 2013).

Academic, Defense Financial Management & Comptroller School, Montgomery, ALABAMA, United States of America. (October 17, 2012).

Academic, Defense Financial Management & Comptroller School, Montgomery, ALABAMA, United States of America. (October 16, 2012).

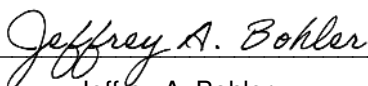
Academic, Defense Financial Management & Comptroller School, Montgomery, ALABAMA, United States of America. (September 14, 2012).

Academic, Defense Financial Management & Comptroller School, Montgomery, ALABAMA, United States of America. (September 13, 2012).

Awards and Honors

Service, Professional

ISI Reviewer Bronze badge, Informing Science Institute. (July 1, 2023).


Jeffrey A. Bohler

10/11/2024