

Ahmad D. Rahal, PhD
Barry S. Miller College of Business
University of Central Florida
12744 Pegasus Dr., Orlando, FL 32816
e-mail: ahmad.rah@ucf.edu

Mission-driven and student-centered academic leader with two decades of higher education expertise and ten years of successful entrepreneurial endeavors. Previously served as the Hill Williams Distinguished Chair of Business Administration and as the Associate Dean at the College of Business & Industry at the University of Arkansas-Fort Smith. Actively contributed to advancing institutional goals and scholarly excellence and played a key role in achieving and reaffirming AACSB accreditation. Committed to fostering an inclusive campus culture and to advancing institutional priorities through innovative and inclusive learning environments that enhance student success, empower faculty and staff, encourage interdisciplinary collaboration, and support regional economic growth.

Education

- **University of Central Florida, Orlando, FL**
Ph.D., Industrial Engineering-Management Systems 05.2002-08.2005

Dissertation: *"Assessment Framework for the Evaluation and Prioritization of University Technologies for Licensing and Commercialization."*

Dissertation Research Funding: Financial support provided by the Research Office of the University of Central Florida (UCF) in cooperation with the Center for Entrepreneurship & Technology Commercialization and the Florida Innovation Partnership Program, with funding from the National Science Foundation (*NSF contract number EHR0227833*).

- Nominated for Best Dissertation Research Award- ASEM 2006
- Nominated for the Alice L. Beeman Research Awards in Communications and Marketing for Educational Advancement by the Council for Advancement and Support of Education, 2006.
- **Florida Institute of Technology, Melbourne, FL**
 - Master of Business Administration December 1986
 - M.S. Mechanical Engineering December 1985
 - M.S. Engineering Management December 1984
 - B.S. Mechanical Engineering with Honors June 1983

Grants & Funding

University of Arkansas, Fort Smith, AR (01.2009-06.2011) **\$162,000**

- Principal Investigator: Research grant with the Arkansas State Highway and Transportation Department, the Bi-State Metro Planning Organization (BS-MPO), and Fort Smith Transit Systems to assist in developing a Mobility Management Program.

University of Central Florida, Orlando, FL

- Dissertation Research Grant (08.2004-08.2005) - NSF contract number EHR0227833. Financial support provided by the University of Central Florida's Research Office in cooperation with the Center for Entrepreneurship and Technology Commercialization and the Florida Innovation Partnership Program, with funding from the National Science Foundation (NSF) under contract number EHR0227833.

Florida Institute of Technology, Melbourne, FL
Mechanical Engineering Department
Full Graduate Teaching Assistantship

Teaching & Leadership Experience

- **University of Central Florida- Barry S. Miller College of Business**
 - Associate Lecturer of Supply Chain & Operations Management 08.2026-Present
- **University of Arkansas-Fort Smith- College of Business& Industry (CBI)**
 - Associate Dean of the College of Business & Industry 06.2022-06.2025
 - Hill Williams Distinguished Chair of Business Administration 06.2022-06.2025
 - Assistant Dean - College of Business & Industry 07.2021-05.2022
 - Lead Business Faculty- Professor of Management 08.2020-05.2021

Responsibilities: Students, Faculty, and Staff

- Oversaw the Department of Business's daily operations, academic programs, assessments, scheduling, policy compliance, faculty qualifications, evaluations, promotions, professional development, and retention.
- Supervised the recruitment, hiring, and orientation processes of faculty and staff.
- Promoted excellence in teaching, including assessment, scholarship, and service.
- Supported and fostered a culture of belonging across all aspects of daily operations, curriculum, faculty and staff recruiting, and mentoring.
- Collaborated with the business faculty to fulfill curriculum requirements and ensure efficient course scheduling, including updates, additions, cancellations, and cap adjustments.
- Led the creation, implementation, and continuous management of a comprehensive 360⁰ Faculty evaluation framework.
- Directed and evaluated the academic advising team.
- Promoted faculty and staff development opportunities and activities.
- Collaborated closely with faculty and staff to cultivate a cooperative environment that supports shared goals and professional growth, fostering a sense of belonging among colleagues.
- Administered, mentored, supervised, and evaluated all full-time and adjunct Business Faculty (2021-2025) and industry faculty (2022-2023), after which this responsibility was delegated to the newly hired Industry (Engineering) Chair.
- Promoted student success, retention, and timely degree completion.
- Managed student complaints and grade grievances.
- Led departmental and college committees as needed.

Responsibilities: Curriculum and Accreditation

- Managed and reviewed the business curriculum to ensure alignment with industry trends and accreditation standards.
- Maintained AACSB standards and vision within the business programs, including tracking faculty qualifications and leading and supporting the assurance of learning initiatives.
- Served as a member of the initial and successful AACSB accreditation in 2013 and the 2018 reaffirmation. Played a key role in the AACSB reaffirmation in 2024.
- Represented the college on the University's Assurance of Learning Committee (CALO) to ensure compliance with accreditation requirements (07.2021-05.2026)

Initiatives

- Led the creation and continuous updates of a comprehensive 360⁰ faculty evaluation framework
- Led the transition of the business program to a concentration-based model to offer students transparent, modular, and marketable skills for the job market. Concentrations include Core Accounting, Professional Accounting, Public Accounting, Business Economics, Corporate Finance, Investments, Consumer Marketing, Digital Marketing, Human Resource Management, International Management, Small Enterprise Management, and Supply Chain Management.
- Supervised the development of closely aligned Certificates of Proficiency to enhance the value of the concentrations and to distinguish high-performing students.

Academic Development-AACSB Seminars

- | | |
|---|--------------|
| ○ New Dean Seminar | March 2023 |
| ○ New Associate Dean Seminar | Sept. 2023 |
| ○ Faculty Standards and Tables Seminar | March 2021 |
| ○ Continuous Improvement Review, 2020 Standards | January 2021 |
| ○ Applied Assurance of Learning Seminar II | March 2019 |
| ○ Applied Assessment Seminar | June 2013 |

Academic and Administrative Positions

University of Arkansas-Fort Smith- College of Business& Industry

- | | |
|--|-----------------|
| ○ Professor of Management | 08.2018-05.2026 |
| ○ Associate Dean of the College of Business & Industry | 06.2022-06.2025 |
| ○ Hill Williams Distinguished Chair of Business Administration | 06.2022-06.2025 |
| ○ Assistant Dean - College of Business & Industry | 07.2021-05.2022 |
| ○ Acting Lead Business Faculty- Professor of Management | 08.2020-05.2021 |
| ○ Associate Professor of Management | 08.2012-07.2018 |
| ○ Assistant Professor of Management | 08.2008-07.2012 |

Teaching Portfolio

Operations Management, Decision Support Systems, Global Supply Chain Management, Project Management, Quality Management, and Business Analytics.

Service: University-Level Assignments

- | | |
|---|-----------------|
| ○ Budget Council | 08.2025-05.2026 |
| ○ Committee for Assessment of Learning Outcomes (CALO) | 08.2020-05.2026 |
| ○ Reorganization/Realignment of Academic Affairs Sub-Com. | 08.2020-05.2021 |
| ○ Compensation and Benefits Sub-Committee | 08.2020-05.2021 |
| ○ University Promotion Committee | 08.2018-05.2021 |
| ○ University Graduate Council Committee | 08.2016-05.2020 |
| ○ University Curriculum Committee | 08.2010-05.2019 |

Service: College-Level Assignments

- | | |
|--|-----------------|
| ○ AACSB Accreditation Committee | 08.2013-05.2026 |
| ○ Strategy Committee | 08.2020-05.2026 |
| ○ Assessment Sub-Committee Chair | 08.2018-05.2025 |
| ○ Curriculum Committee Chair | 08.2018-05.2021 |
| ○ Faculty Committee Chair | 08.2015-05.2018 |
| ○ Teaching and Learning Committee Member | 08.2014-05.2015 |
| ○ Faculty Committee Member | 08.2008-05.2014 |
| ○ Chair and member of multiple faculty search committees | 08.2009-05.2026 |

Service: Advising and Mentorship

Phi Beta Lambda Organization- Faculty Advisor 08.2014-05.2017

- Supervised and mentored the student leadership team.
- Facilitated and led travel to state and national conferences.
- The organization was recognized with multiple state and national awards.

- ***Utah Valley University, Woodbury School of Business, Orem, Utah (UVU)***

- Assistant Professor of Operations Management 08.2007-05.2008
- Served on multiple departmental and college committees.

- ***University of Central Florida, Orlando, FL (UCF)***

- Visiting Assistant Prof. Industrial Eng. & Management Systems 08.2006-05.2007
- Adjunct Prof. Industrial Eng. & Management Systems 08.2005-05.2006

Teaching Portfolio

Project Management, Engineering Statistics, Total Quality Improvement, Reliability Engineering, Quality Design and Control, Operations Research, and Production & Distribution Systems.

Academic Services

- Chaired the Quality Track qualifier examination for the PhD Program
- Initiated Six Sigma Black Belt Projects to improve the Florida Department of Children and Families' services (Student projects overseen by the Harrington Group).

- ***Florida Institute of Technology***

- Graduate Teaching Assistant
- Adjunct Instructor

Teaching Portfolio:

Reliability Engineering at Lockheed Martin, Orlando, FL.

Engineering Economy Statistics, Calculus, Differential Equations, Engineering, etc.

Entrepreneurial/Professional Experience

- ***DAAC Computers Inc. Melbourne, FL*** 1996-2002

- Founder/Partner/General Manager: *Wholesaler/supplier of portable computer systems to a publicly traded company and early adopters of the e-commerce bidding business model.*
- *Sales reached \$9.8 million in 1998.*

- ***Delaware Computer Center Wilmington, DE*** 1994-1996

- *Founder/Partner/General Manager, Wholesaler/Distributor of computing systems*
- *Sales exceeded \$2 million in 1996.*

Business Experience

- ***Five Brothers Electronics, New York, NY*** 1991-1994

- *General Manager, Purchasing Manager, and Top Sales Representative.*
- *An early adopter of online advertising for portable computing.*
- *Led the transition of this multi-million-dollar organization to an e-commerce organization.*

Research

Research: Intellectual Contributions- Refereed Journal Publications

- Zainuba, M., Kutlubay, O.C., Rahal, A. and Stone, R. (2025), "Measuring learning outcomes in cross-cultural relations courses: the case for experiential learning," *Journal of International Education in Business*, 18(1), 47–64. <https://doi.org/10.1108/JIEB-12-2023-0098>
- Zainuba, M., Rahal, A., Kutlubay, O., & Wright, J. (2023). Students' choice of major: An approach for academic advising. *Journal of Education for Business*, 98(8), 502–510. <https://www.tandfonline.com/doi/abs/10.1080/08832323.2023.2232922>
- Basingab, M., Rabelo, L., Rahal, A. D., Nagadi, K., Bukhari, H., & Andejany, M. (2021). Economic Analysis of a Massively Populated Internet of Things System: An Agent-Based Simulation Approach. *Engineering Management Journal*, 34(1), 129–143. <https://doi.org/10.1080/10429247.2020.1858641>
- Basingab, M., Nagadi, K., **Rahal, A.D.**, Bukhari, H., & Alasim, F. (2020). Distributed Simulation Using Agents for the Internet of Things and the Factory of the Future. *Information*, 11(10), 458. <https://doi.org/10.3390/info11100458>
- Ng, L. K., Bhasin, B., **Rahal, A. D.**, & Beard, J. (2020). Socio-Cultural Implications of China's Belt and Road Initiative in Pakistan. *International Journal of Small and Medium Enterprises and Business Sustainability*, 05(02), 42–68. <https://www.usakti-cisbucs.com/index.php/volume-05-number-02-july-2020/147-socio-cultural-implications-of-china-s-belt-road-initiative-into-pakistan>
- **Rahal, A. D.**, & Zainuba, M. (2019). The Rating Dilemma of Academic Management Journals: Attuning the Perceptions of Peer Rating. *Advances in Business Research*, 9(1). <https://journals.sfu.ca/abr/index.php/abr/article/view/211>
- Nagadi, K., Rabelo, L., Basingab, M., Sarmiento, A. T., Jones, A., & **Rahal, A.** (2018). A Hybrid Simulation-Based Assessment Framework of Smart Manufacturing Systems. *International Journal of Computer Integrated Manufacturing*, 31(2), 115–128. <https://doi.org/10.1080/0951192X.2017.1407449>
- Alshareef, K., **Rahal, A.**, & Basingab, M. (2017). The Utilization of Case-Based Reasoning: A Case Study of the Healthcare Sector Using Simulation Modeling. In *Artificial Intelligence: Advances in Research and Applications*. Nova Science Publishers. <https://pure.kfupm.edu.sa/en/publications/the-utilization-of-case-based-reasoning-a-case-study-of-the-health>
- **Rahal, A. D.**, & Zainuba, M. (2016). Improving Students' Performance in Quantitative Courses: The Case of Academic Motivation and Predictive Analytics. *The International Journal of Management Education*, 14, 8–17. <https://doi.org/10.1016/j.ijme.2015.11.003>
- Zainuba, M., & **Rahal, A.** (2015). Assessing the Validity of Business and Management Journals Ranking List: An Alternative Approach for Determining Journal Quality. *Annals of Management Science*, 4, 1–28. <https://digitalscholarship.tnstate.edu/ams/>
- **Rahal, A. D.** (2012). Barriers to and Strategies for Transportation Coordination Among the Transportation and Human Service Providers: The Case of the River Valley Providers. *Advances in Business Research*, 3(1), 130–140. <https://journals.sfu.ca/abr/index.php/abr/article/view/9>
- Zainuba, M., & **Rahal, A.** (2012). Using Cross-Cultural Dimensions Exercises to Improve and Measure Learning Outcomes in International Business Courses. *Journal of Teaching in International Business*, 23(3), 201–221. <https://doi.org/10.1080/08975930.2012.744628>
- **Rahal, A. D.**, & Faulk, L. H. (2011). A Collaborative Decision-Making Framework for Human Resource Selection: The Case of Academic Applicants. *The Journal of Management and Engineering Integration*, 4(2), 66–76. <https://www.proquest.com/docview/1674270786?pqorigsite=gscholar&fromopenview=true&sourcetype=Scholarly%20Journals>
- **Rahal, A. D.**, & Yousef, N. (2010). Service Optimization in the Fast-Food Industry. The Case of the Pizza Delivery Service. *The Journal of Management and Engineering Integration*, 3(1), 90–97. <https://www.proquest.com/docview/900110954?sourcetype=Scholarly%20Journals>
- **Rahal, A. D.** (2008). University Technology Buyers: A Glimpse into Their Thoughts? *Journal of Technology Management & Innovation*, 3(1), 38–41.
- **Rahal, A. D.**, & Rabelo, L. C. (2006). Assessment Framework for the Evaluation and Prioritization of University Inventions for Licensing and Commercialization. *Engineering Management Journal*, 18(4), 28–36. <https://doi.org/10.1080/10429247.2006.11431711>

- **Rahal, A. D.** (2005). *Assessment Framework for the Evaluation and Prioritization of University Technologies for Licensing and Commercialization* [University of Central Florida].
<http://stars.library.ucf.edu/cgi/viewcontent.cgi?article=1490&context=etd>

Research: Intellectual Contributions- Refereed Scholarly Conference Proceedings

- Bhasin, B., Ng, L. K., & **Rahal, A. D.** (December 26, 2019). Socioeconomic Implications of China's Belt and Road Initiative in Pakistan. *Socioeconomic Implications of China's Belt and Road Initiative in Pakistan*. 3rd International Conference on Innovative Research in Management, Social Sciences, Economics, and Information Technology (RMSIT 2019), Bali, Indonesia.
- **Rahal, A. D.** (2012). Barriers to and strategies for transportation coordination among transportation and human service providers. The case of the river valley providers. *Advances in Business Research Proceedings*. Advances in Business Research. Symposium, University of Arkansas (UAFS), Fort Smith, Arkansas.
- Gammo, D., & **Rahal, A. D.** (2007). Disney Magical Express Service at Disney Resorts: A Six Sigma Quality Improvement Approach. *Proceedings of the 2007 IEMS Conference*, 432–437.
- **Rahal, A. D.**, & Rabelo, L. C. (2005). Assessment Framework for the Evaluation and prioritization of University Inventions and innovations for Licensing and Commercialization. *American Society of Engineering Management*. Virginia Beach, VA.
- **Rahal, A. D.**, & Rabelo, L. C. (March 12, 2007). Surveying Technology Buyers: What Do They Want? *Proceedings of the 2007 IEMS Conference*. 13th Int'l Conference Industry Engineering and Management Systems, Cocoa Beach, FL.
- **Rahal, A. D.**, & Rabelo, L. C. (2006). Is Your Technology Licensable? What Are the Chances? *Proceedings of the Industrial Engineering Research Conference (IERC)*, 1–6.
- **Rahal, A.**, and L. Rabelo, "Assessment Framework for the Evaluation and Prioritization of University Inventions and Innovations for Licensing and Commercialization," Industrial Engineering and Management Systems (IEMS) Conference, 2005.
- **Rahal, A. D.** (2004). Analysis and Optimization of Queuing Systems in the Fast-Food Industry. *Proceedings of the 2004 IEMS Conference*, 366–375.
- Yousef, N., & **Rahal, A. D.** (2004a, March). Study of the Inventory Oscillations through the Supply Chain Using System Dynamics. *Proceedings of the 2004 IEMS Conference*. 10th International Conference of the Industry Engineering and Management Systems, Cocoa Beach, Florida.
- Yousef, N., & **Rahal, A. D.** (2004b). Using System Dynamics as an Educational Tool in Explaining Supply Chain Management. *Proceedings of the 2004 IEMS Conference*, 546–553.

Research: Intellectual Contributions- Presentations: Academic Conferences & Seminars

- Lim, J., **Rahal, A.**, Settlege, D., & Wollscheid, J. (November 11, 2019). *Curricular Intervention to Improve Student Success in Courses with High Failure: A Data-Driven Approach*. Advances in Business Research (ABR) Symposium, University of Arkansas (UAFS), Fort Smith, Arkansas.
- **Rahal, A.**, & Zainuba, M. (November 11, 2019). *Students' Intentions with Respect to Selecting Majors: The Case of Foundations of Business* [Presentation]. Advances in Business Research (ABR) Symposium, University of Arkansas (UAFS), Fort Smith, Arkansas.
- **Rahal, A. D.**, & Zainuba, M. (October 27, 2017). *Comparing Journal Quality Lists ABS vs. ABDC*. University of Arkansas (UAFS), Fort Smith, Arkansas.
- **Rahal, A. D.** (March 23, 2015). *A Real-Time Proactive Surrogate Measure of Customer Satisfaction for Industrial Customers*. 21st International Conference on Industry, Engineering, and Management Systems (IEMS, Cocoa Beach, Florida).
- Albar, A., Elshennawy, A., Rabelo, L. C., & **Rahal, A. D.** (March 23, 2015). *Assessing Emergency Department Overcrowding*. 21st International Conference on Industry, Engineering, and Management Systems (IEMS), Cocoa Beach, Florida.
- Alsulami, H., Elshennawy, A., & **Rahal, A.** (2014a, March 24). *The Impact of Citizens' Employment System on the Private Sector: An Empirical Study in the Saudi Labor Market*. 20th International Conference on Industry, Engineering, and Management Systems, Cocoa Beach.
- Alsulami, H., Elshennawy, A., & **Rahal, A. D.** (2014b, June 3). *A Framework for Assessing the Quality and Effectiveness of Job Nationalization: A Case Study of Saudi Arabia*. IIE Annual Conference of Industrial and Systems Engineering Research Conference (ISERC), Montreal, Canada.

- **Rahal, A. D.** (October 16, 2013). *Predicting & Monitoring Business Students' Performance in Quantitative Courses: The Case for Continuous Improvement*. Pendergraft Research Presentation Luncheons, University of Arkansas (UAFS), Fort Smith, Arkansas.
- Zainuba, M., & **Rahal, A. D.** (February 15, 2013). *The Middle East: Where Do We Go from Here?* Pendergraft Research Presentation Luncheons, University of Arkansas (UAFS), Fort Smith, AR.
- Zainuba, M., & **Rahal, A. D.** (2012a, September 21). *A Comparison of University-Based Business Journals*. Pendergraft Research Presentation Luncheons, University of Arkansas (UAFS), Fort Smith, Arkansas.
- Zainuba, M., & **Rahal, A. D.** (2012b, October 23). *A comparison of academically based Business Journals*. Advances in Business Research Symposium, University of Arkansas (UAFS), Fort Smith, Arkansas.
- **Rahal, A. D.**, Maamoun, A., & Sell, R. (May 4, 2009). *A Real-Time Customer Satisfaction Measurement in a B2B Context: The Case of The Printed Wiring Boards Industry*. 20th Annual Conference of the Production and Operations Management Society.
- **Rahal, A. D.** (2008a, March 10). *A Prioritization Process for the Selection of Academic Applicants*. 14th International Conference on Industry, Engineering, and Management Systems, Cocoa Beach, Florida.
- **Rahal, A. D.** (2008b, May 9). *Successful Commercialization of Academic Research: A Focus on Customer Perspectives*. 19th annual Production and Operations Management Society (POMS) conference, La Jolla, California.
- **Rahal, A. D.**, & Rabelo, L. C. (March 3, 2005). *University Technology Licensing Determinants*. 11th International Conference on Industry, Engineering, and Management Systems, Cocoa Beach, Florida.

Ongoing Dissertations

I am currently serving as an external graduate scholar on the following dissertation committees:

- Battle, Q., A Systematic Framework in Assessing Industry 4.0 Technologies in Manufacturing Work Systems to Enhance Worker Well-Being.
- Cheema, F., Investigating the Concepts of Industry 5.0 in STEM Education with a Focus on Personalized Adaptability, Real-Time Feedback, and Gamification.

Completed Theses and Dissertations

Served as an external member of the dissertation committees listed below:

- Alvarado, C. (2024). Supply Chain Security: Assessing Confidence in Food Defense Compliance as a Function of Management Systems 4.0 Deployment in Truck Transportation. Graduate Thesis and Dissertation Post-2024. <https://stars.library.ucf.edu/etd2024/5>
- Hamada, M. (2023). Roadmap To Successful Implementation of Digital Transformation in The Defense Industry. *Electronic Theses and Dissertations, 2020-2023*. <https://stars.library.ucf.edu/etd2020/1910>
- Obeidat, M. (2020). Assessing the Potential of Implementing Blockchain in Supply Chains using Agent-Based Simulation and Deep Learning. *Electronic Theses and Dissertations, 2020-*. <https://stars.library.ucf.edu/etd2020/390>
- Chen, M. (2018). An Engineering Analytics-Based Framework for Computational Advertising Systems. *Electronic Theses and Dissertations, 2004-2019*. <https://stars.library.ucf.edu/etd/6244>
- Basingab, M. (2017). A Methodology for Internet of Things Business Modeling and Analysis using Agent-Based Simulation. *Electronic Theses and Dissertations, 2004-2019*. <https://stars.library.ucf.edu/etd/5721>
- Albar, A. (2016). A Framework for Quantifying and Managing Overcrowding in Healthcare Facilities. *Electronic Theses and Dissertations, 2004-2019*. <https://stars.library.ucf.edu/etd/5284>
- Ali, A. (2016). A Predictive Model to Identify Caregivers at Risk of Musculoskeletal Disorders. *Electronic Theses and Dissertations, 2004-2019*. <https://stars.library.ucf.edu/etd/4913>
- Alshareef, K. (2016). Using Case-Based Reasoning for Simulation Modeling in Healthcare. *Electronic Theses and Dissertations, 2004-2019*. <https://stars.library.ucf.edu/etd/5623>
- Alsulami, H. (2014). A Framework for Assessing the Quality and Effectiveness of a National Employment System: A Case Study of Saudi Arabia. *Electronic Theses and Dissertations, 2004-2019*. <https://stars.library.ucf.edu/etd/4656>
- Halawany, A. (2014). A Curricula Assessment and Improvement Quantitative Model for Higher Education: A Design for Six Sigma Methodology. *Electronic Theses and Dissertations, 2004-2019*. <https://stars.library.ucf.edu/etd/4555>

- Bahaitham, H. (2011). A Framework for Quantifying Sustainability of Lean Implementation in Healthcare Organizations. *Electronic Theses and Dissertations*, 2004-2019. <https://stars.library.ucf.edu/etd/1822>
- Maamoun, A. (2008). A Surrogate Measure of Customer Satisfaction in The Manufacture of Printed Wiring Boards. *Electronic Theses and Dissertations*. <https://stars.library.ucf.edu/etd/3647>
- Sharawi, A. (2007). Optimization Models for Emergency Relief Shelter Planning in Response to Anticipated Hurricane Events. *Electronic Theses and Dissertations*, 2004-2019. <https://stars.library.ucf.edu/etd/3343>
- Wiley, C. (2007). Assessment of The Contribution of Game-based Simulation in The Advancement of Individual Soldier Intelligence Gathering Skills. *Electronic Theses and Dissertations*, 2004-2019. <https://stars.library.ucf.edu/etd/3410>
- Fortier, G. (2006). The Application of "crashing" A Project Network to Solve the Time/cost Tradeoff in Recapitalization of the UH-60a Helicopter. *Electronic Theses and Dissertations*, 2004-2019. <https://stars.library.ucf.edu/etd/1038>

Professional Service

Editorial Activities & Contributions

- Ad-Hoc Reviewer
 - Cluster Computing
 - The International Journal of Management Education
 - Advances in Business Research
- Editorial Review Board, Journal of Management & Eng. Integration 2013-2016
- Outside Reviewer, U of Houston, Clear Lake, Dr. Dorothy Kirkman, Promotion 2013
- The World Conference on Quality & Improvement Judging Member Preliminary Round, The Int'l Team Excellence Award Process, Orlando, FL 2007
- Conference Session Chair, Product Innovation/Technology Management, and R&D Commercialization. POMS 2008, La Jolla, CA
- Track chair. Industry, Engineering and Management Systems March 2004, 2007, and 2008
The 10th, 13th, and 14th International Conference, Cocoa Beach, Florida

Professional Affiliations

- Graduate Faculty Scholar, University of Central Florida 2011-Present
- American Society for Quality Professionals (ASQ), Senior Member 2007-2013
- Institute for Supply Chain Management 2008-2012

Academic Service

- An external member on multiple dissertations/theses committees 2012- Present
at UCF's Department of Industrial Engineering & Management Systems.
- Chaired the Quality Track qualifier examination for the PhD Program 2006- 2007
- Six Sigma Black Belt Projects Initiated to improve services in Florida 2006- 2007
Department of Children and Families, in collaboration with the Harrington Group.

Honors, Awards, Recognitions & Media

- **Alice L. Beeman Research Awards of 2006 Nominee.**
Dissertation was nominated as a candidate for the Alice L. Beeman Research Awards of 2006 in Communications and Marketing for Educational Advancement by the Council for Advancement and Support of Education (CASE).

- **Engineering Management Best Dissertation Finalist 2006.**
American Society for Engineering Management.
- **Best Dissertation Panel Nominees, ASEM National Conference 2006.**
American Society for Engineering Management, Graduate Colloquium. National Meeting, 2006. Huntsville, AL.
- **Best Paper Finalist, ASEM National Conference 2005.**
American Society for Engineering Management, National Conference, Virginia Beach, Virginia, September 2005.
The paper is titled *Assessment Framework for the Evaluation and Prioritization of University Technologies for Licensing and Commercialization.*"
- **News Appearance**
L. Z. (February 22, 2007). *THE NEW CLASSROOM*. OrlandoSentinel.com.
<https://www.orlandosentinel.com/news/os-xpm-2007-07-23-lid23-story.html>

Teaching Vision & Philosophy

Vision: My teaching vision aims to transform students into lifelong learners by facilitating learning, encouraging their involvement in research, and extending beyond traditional classroom concepts. This includes mentoring students, grading performance, and developing instructional resources. My entrepreneurial and management experience, combined with my academic education in engineering and business, provides a unique foundation for high-level discussions and student engagement with diverse backgrounds, in ways that are stimulating and relevant to their interests, job environments, and goals.

Philosophy: Teaching motivates students and fosters their abilities to become lifelong learners and knowledge seekers. My teaching philosophy aims to provide my students with a broad-based educational foundation that enables them to become active participants in their field, enhance their skills, and apply their knowledge through various collaborative learning environments.

Throughout my teaching, I strive to incorporate the latest business developments into my study materials and adapt my teaching methods and delivery pace to meet my students' needs. Additionally, I continually incorporate my students' feedback and concerns into my instruction and course materials as part of my ongoing improvement process. Under my open-door policy, I am always available to discuss any issues or concerns students deem important.

Research Vision & Philosophy

Vision: My research vision aims to leverage existing knowledge to develop processes, tools, and methods that advance the practice and pedagogy of business and management.

Philosophy: Continuous learning and addressing challenging questions that spark my students' curiosity are the pillars of my research philosophy. I believe in collaborating with students, faculty, other academic departments, and the industries we serve to address complex issues and deliver practical solutions.

Interests: My research interests are Operations Management, Innovation and Technology Management, Quality Management, Continuous Improvement, Supply Chain Management, and Decision Analysis.

References

Available upon request.