

EDUCATION

Mississippi State University – Starkville, MS

Ph.D. in Instructional Systems and Workforce Development
May 2010

Dissertation title:

An Investigation of Alumni Perceptions of the Industrial Technology Undergraduate Program At Mississippi State University and Its Transferability to Industry

Specialization:

Educational Technology
Instructional Technology
Educational Research
Industrial Technology

Research Agenda:

Examination of Industrial Technology undergraduate programs
Pedagogy and Industrial Technology
Improving the curriculum of Industrial Technology
Examination of industry and its impact on Industrial Technology students

Mississippi State University – Starkville, MS

M.S. in Instructional Technology
May 2004

Concentration:

Educational Technology
Instructional Technology
Curriculum Development
Pedagogy/Andragogy of Technology Integration

Mississippi State University – Starkville, MS

B.S. in Industrial Technology
May 2003

PROFESSIONAL EXPERIENCE

Spring 2020-Present	Interim Associate Dean- Soules College of Business	The University of Texas at Tyler; Tyler, TX
Spring 2020-Present	Director-Soules College of Business Undergraduate Advising Office	The University of Texas at Tyler; Tyler, TX
Fall 2016-Present	Associate Professor	The University of Texas at Tyler; Tyler, TX
Fall 2010-Fall 2016	Assistant Professor	The University of Texas at Tyler; Tyler, TX
Fall 2008-Fall 2009	Adjunct Instructor	Jackson State University; Jackson, Mississippi
Fall 2003-Spring 2009	Graduate Teaching Assistant	Mississippi State University Starkville, Mississippi

PUBLICATIONS

- 2023 Al-Odeh, M. & Lawrence, H. R. (In progress). Characteristics of ATMAE Accredited Programs: Names, Options, and Curricula
- 2019 Delello, J. A., McWhorter, R. R., **Lawrence, H. R.** (2019, April). Fostering a Community of Inquiry in Online Discussions. *Academic Exchange Quarterly*, 23 (1), 11-19
- 2016 **Lawrence, H. R.**, & Rochell R. McWhorter, & Sherry Jackson, & Anny Gilley, & Jerry W. Gilley (2016). Managerial Behaviors that Support Participative Decision Making. *Journal of Scholastic Inquiry: Business Special Edition* 7 (1), 75-103
- 2015 **Lawrence, H. R.** & Miller, M. R. (2015). The ATMAE Lean Six Sigma Certification Exam: Why it Matters to You? *Journal of Technology, Management, and Applied Engineering* 31(3), 1-19.
- Gilley, J., & Gilley, A., Avery, S, & **Lawrence, H. R.** (2015). Managerial Practices and Organizational Conditions that Encourage Employee Growth and Development. *Performance Improvement Quarterly* 28(3), 71-93.

- 2014 **Lawrence, H. R.** (2014). Integrating Human Relation Skills into the Curriculum of Industrial Technology Related Programs. *International Journal on Integrating Technology in Education* 3(1), 53-62.
- Lawrence, H. R.** & Miller, M. R. (2014). A Historical Perspective of the Evolution of Technology Education. *International Journal on Integrating Technology in Education* 3(2), 1-7.
- 2013 Delello, J. A., Everling, K. M., McWhorter, R. R., **Lawrence, H. R.** (2013, June). Fostering Presence in Online Discussions. *Academic Exchange Quarterly*, 17(2), 51-58. *Editor's Choice Award*.
- 2011 Fazarro, D., **Lawrence, H. R.**, & McWhorter, R. (2011). Going Virtual: Delivering Nanotechnology Safety Education on the Web. *Journal of sTEM Teacher Education*, 48(2), 38-62.

BOOK CHAPTERS

- 2012 **Lawrence, H. R.** (2012). Women's roles: Do they exist in a Technological Workforce In T. Hartsell & S. Wang (Eds.), *Technology Integration and Foundations for Effective Technology Leadership* (pp. 57-69). Doi: 10.4018/978-1-4666-2656-0.ch004
- 2010 **Lawrence, H. R.** (2010). Cognitive. Nanotechnology. Nontraditional Student. Technology. In L. Tomei (Ed.), *Lexicon of Online and Distance Education* (pp. 43, 158-159, 163, 215). Distinguished Contributing Author. Lanham, MA: R&L Publishing
- 2008 **Lawrence, H. R.** (2008). Industrial Technology Pedagogy: Need for Human Relations Skills. In L. Tomei (Ed). *Encyclopedia of Information Technology Curriculum Integration* (pp. 400-405).

NATIONAL PEER-REVIEWED CONFERENCE PRESENTATIONS/WORKSHOPS

- 2025 **Lawrence, H. R.** & Al-Odeh, M. (2025). **Workshop**. Prepare for Lean Six Sigma Yellow Belt Certification. Association of Technology, Management, and Applied Engineering Conference, Memphis, TN.
- Miller, M. R., **Lawrence, H. R.**, & Griffin, R. (2025). Development of Curriculum for an Open-Source Robot. Association of Technology, Management, and Applied Engineering Conference, Memphis, TN.

- 2024 Miller, M. R., **Lawrence, H. R.**, Jones, D., & Griffin (2024). The Development o and Design of an Inexpensive CIM Cell to Teach Industrial Robotics. Association of Technology, Management, and Applied Engineering Conference, Las Vegas, NV.
- Al-Odeh, M. & **Lawrence, H. R.** (2024). **Workshop.** Prepare for Lean Six Sigma Yellow Belt Certification. Association of Technology, Management, and Applied Engineering Conference, Las Vegas, NV.
- 2023 Miller, M. R., **Lawrence, H. R.** & Jones, D. (2023). How to use the ATMAE Certification Review and Training Sessions to Supplement your Courses. Association of Technology, Management, and Applied Engineering Conference, Atlanta, GA.
- Jones, D., Miller, M. R. & **Lawrence, H. R.** (2023). Proven Motivational Techniques for Online Courses. Association of Technology, Management, and Applied Engineering Conference, Atlanta, GA.
- 2022 Jones, D., Miller, M. R., **Lawrence, H. R.** & Griffin, R. (2022). Tricks to Motivating Your Students to Succeed in Online Technical Courses. Association of Technology, Management, and Applied Engineering Conference, Louisville, KY.
- Miller, M. R., **Lawrence, H. R.** Jones, D. & Griffin, R. (2022). The New ATMAE Certified Manufacturing Specialist Online Exam Preparation Course. Association of Technology, Management, and Applied Engineering Conference, Louisville, KY.
- 2021 **Lawrence, H. R.** & Miller, M. R. (2021). The ATMAE Learning Management System: Your User-Friendly Online Certification and Training Center. Association of Technology, Management, and Applied Engineering Conference, Orlando, FL.
- Lawrence, H. R.** & Miller, M. R. (2021). **Workshop.** ATMAE Lean Six Sigma Certification Exam Prep Workshop. Association of Technology, Management, and Applied Engineering Conference, Orlando, FL.
- 2020 Miller, M. R., **Lawrence, H. R.**, & Griffin, R. (2020). Insights to a Successful ATMAE Accreditation: Tips to Keeping Standards in Compliance. Association of Technology, Management, and Applied Engineering (Virtual Conference)
- 2019 Miller, M. R., **Lawrence, H. R.**, & Griffin, R. (2019). Surviving the New ATMAE 2019 Accreditation Standards: What is New and How it Must Be Addressed Association of Technology, Management, and Applied Engineering Conference, Charlotte, NC.

- 2018 Miller, M. R., & **Lawrence, H. R.**, (2018). The New ATMAE Learning Management System: Streaming Certification and Training. Association of Technology, Management, and Applied Engineering Conference, Kansas City, MO.
- 2017 Miller, M. R., & **Lawrence, H. R.**, (2017). Does Offering Certifications Assist in the Recruitment of Undergraduate Majors? Association of Technology, Management, and Applied Engineering Conference, Cincinnati, OH.
- 2016 **Lawrence, H. R.** & Miller, M. R., (2016). The Defined, Measured, Analyzed, and Improved ATMAE Lean Six Sigma Exam: What You Need to Know for the Future. Association of Technology, Management, and Applied Engineering Conference, Orlando, FL.
- Miller, M. R., & **Lawrence, H. R.**, (2016). The ATMAE Lean Six Sigma Pre Course: Affordable Training Just a Click Away. Association of Technology, Management, and Applied Engineering Conference, Orlando, FL.
- Lawrence, H. R.** & Miller, M. R., (2016). The Development of an Affordable Lean Six Sigma Certification and Assessment Instrument Forged from a Strong Alliance between Academia and Industry. The Sixth International Conference on Lean Six Sigma, Edinburgh, Scotland.
- Miller, M. R. & **Lawrence, H. R.**, (2016). An Academic Model for Significantly Increasing the Number of Lean Six Sigma Qualified Professionals. The Sixth International Conference on Lean Six Sigma, Edinburgh, Scotland.
- 2015 **Lawrence, H. R.** & Miller, M. R., (2015). The ATMAE Lean Six Sigma Certification Exam: First year status report. Association of Technology, Management, and Applied Engineering Conference, Pittsburg, PA.
- Miller, M. R., & **Lawrence, H. R.**, (2015). ATMAE Certification and Training: What does training bring to the table? Association of Technology, Management, and Applied Engineering Conference, Pittsburg, PA.
- 2014 **Lawrence, H. R.** & Miller, M. R., (2014). The ATMAE Lean Six Sigma Certification Exam: Now Available and Ready for Use. Association of Technology, Management, and Applied Engineering Conference, St. Louis, MO
- Miller, M. R., & **Lawrence, H. R.**, (2014). The ATMAE Assessment and Certification Exams: What's New to Make Your Life Easier. Association of Technology, Management, and Applied Engineering Conference, St. Louis, MO
- 2013 Miller, M. R., **Lawrence, H. R.**, & Fazarro, D., (2013). Strategies for passing the ATMAE certification exams. Association of Technology, Management, and Applied Engineering Conference, New Orleans, LA.

Miller, M. R., Fazarro, D. & **Lawrence, H. R.**, (2013). The Genesis of a nanotechnology workforce: How will it impact manufacturing and curricula? Association of Technology, Management, and Applied Engineering Conference, New Orleans, LA.

Lawrence, H. R. & Miller, M. R., (2013). The ATMAE Lean Six Sigma Certification Exam: Revised Content, Timeline to Completion, and Accreditation. Association of Technology, Management, and Applied Engineering Conference, New Orleans, LA.

2012 **Lawrence, H. R.**, Miller, M. R., & Fazarro, D., (2012). Why and How to Rejuvenate an ATMAE Student Chapter. What's In It for Me? Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Nashville, Tennessee.

Miller, M. R., **Lawrence, H. R.**, & Fazarro, D., (2012). The ATMAE Lean Six Sigma Certification Exam: Who, What, When, and Why. Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Nashville, Tennessee.

2011 **Lawrence, H. R.**, & Miller, M. R., (2011). How to Offer Online Quality Coursework without Losing that Traditional Face-to-Face Feel. Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Cleveland, Ohio.

Miller, M. R., **Lawrence, H. R.**, & Fazarro, D., (2011). Where does Nanotechnology Fit into a General Technology Program's Curricula? Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Cleveland, Ohio.

Miller, M. R., & **Lawrence, H. R.**, (2011). The CTM Exam: Revised, Restructured, and Rejuvenated. Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Cleveland, Ohio.

2010 **Lawrence, H. R.**, & Wyatt, J., (2010). *Hybrid Courses: Can they be used for Industrial Technology programs?* Paper accepted for the 2nd International Conference on Education Research in New Orleans, Louisiana.

Miller, M. R., Fazarro, D., & **Lawrence, H. R.**, (2010). *The technical professional certification exam: Development, content, and implications.* Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Panama City Beach, Florida.

- Miller, M. R., Fazarro, D., & **Lawrence, H. R.**, (2010). Increasing graduate enrollment: Generalizing industrial curricula to attract all majors. Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Panama City Beach, Florida.
- 2009 **Lawrence, H. R.**, (2009). *Hybrid Course Structures in Industrial Technology*. Paper presented at the annual Association for Career and Technical Education (ACTE) Conference in Nashville, Tennessee.
- 2008 **Lawrence, H. R.**, (2008). *The Role of Hybrid Course Structures and their Advantages in Industrial Technology*. Paper presented at the annual National Association of Industrial Technology (NAIT) Conference in Nashville, Tennessee.
- 2007 **Lawrence, H. R.** & Okojie-Boulder, T., (2007). *A Study of the Perceived Role of Human Relations Skill in Work Organization*. Paper presented at the 5th Annual Graduate Student Association (GSA) Research Symposium at Mississippi State University, Mississippi.
- 2006 Okojie-Boulder, T.C., **Lawrence, H. R.**, Boulder, J., Lin, C. F. & Yu, W. C. (2006). *The Role of Human Relations Skills in the Workplace*. Paper presented at the November-December Connecting Education and Careers in Atlanta, Georgia.
- Okojie-Boulder, T., Boulder, J., **Lawrence, H. R.**, Lin, C. F. & Yen, L. (2006). *Exploring the Relationship between Technology and Instructional Process*. Paper presented at the October 2006 Association for Educational Communications and Technology (AECT) Exploring the Vision Conference in Dallas, Texas.
- 2005 Okojie, M., Okojie-Boulder, T., **Lawrence, H. R.**, Boulder, J., Lin, C. F., & Yen, L. (2005). *An examination of teacher's perceptions and its impact on technology integration in the classroom*. Paper presented at the October 2005 Association for Educational Communications and Technology (AECT) Exploring the Vision Conference in Orlando, Florida.

GRANTS

Grant Proposals Funded:

Co-Investigator: "Gender and Race Wage Differentials in East Texas", Sponsored by The University of Texas at Tyler Office of Research and Scholarship, \$7,173. (August 2021-July 2022).

Co-PI Follow-up study of students in the department of Instructional Systems, Leadership and Workforce Development between 2001-2005 funded for \$6,656. (Mississippi State University)

COURSES INSTRUCTED

The University of Texas at Tyler

Graduate Courses

- Spring 2017-present *TECH 5303 Research Techniques in Technology (online instruction):* a graduate course designed to engage students with various backgrounds in learning and practicing basic steps in conducting and reporting original research.
- Summer 2015-present *TECH 5329 Trends in Industry (hybrid instruction):* a graduate course that explores Six Sigma concepts and utilizes the statistical software, Minitab
- Spring 2015-present *TECH 5308 Strategic Sourcing (traditional/ t.v instruction/ Online):* a graduate course that explores the concepts of Strategic Sourcing
- SU 2013-present *TECH 5390 Adv. LSSBB Techniques (online instruction/hybrid):* a graduate course that involves discussions, analysis and application of the DMAIC Six Sigma process as well as Lean concepts.
- Spring 2012-Spr. '15 *TECH 5331 Project Management (online instruction/ traditional):* a graduate course that provides students with the fundamental concepts related to the field of project management. Gantt and PERT concepts will be implemented and studied.
- Fall 2011-present *TECH 5310 Six Sigma Quality (online instruction):* a graduate course that involves discussions, analysis and application of quality control concepts to include both attribute and variable quality control techniques. Advanced graphical problem solving techniques in Six Sigma will be studied.
- Spring 2011-present *TECH 5320 Total Quality Management (traditional/online instruction):* a graduate course that focuses on the analysis and application of total quality management principles with an emphasis on Six Sigma methodologies.

Undergraduate Courses

- Fall 2015-present *TECH 1320 Industrial Materials (traditional/t.v instruction):* an undergraduate lab and instructional based course that explores the fundamental make-up and use of metals.
- Fall 2011-present *TECH 2311 Mechanical and Fluid Systems (traditional instruction):* an undergraduate laboratory based course that introduces students to the fundamentals of mechanical and fluid power systems.
- Summer 2011-2013 *TECH 2323 Introduction to Computer Applications (traditional instruction):* an undergraduate course that addresses technology skills, presentation skills and integration of computer applications into teaching and learning.
- Summer 2011 *TECH 4350 TPS in Industrial Studies (online instruction):* an advanced database course that integrated industrial applications.
- Fall 2010-present *TECH 3310 (formerly 4310) Total Quality Management (traditional/t.v. and online instruction):* an undergraduate applied computer course that focuses on the analysis and application of total quality management principles.
- Fall 2010-Spring 2011 *TECH 1330 Fundamentals of Electronics (traditional instruction):* an undergraduate laboratory-based course that addresses the basic AC and DC concepts as well as the fundamentals of electronics.

Jackson State University

- Fall 2008-Fall 2009 *IT 100 Introduction to Industrial Technology (traditional instruction):* an undergraduate course that addresses the past, present and future direction of the field of Industrial Technology as well as terminology.

Mississippi State University

- Fall 2009 *TKI 3383 Forecasting & Cost Modeling (traditional instruction):* an undergraduate course addressing the higher functions of spreadsheet software to undertake costing of manufacturing process routes and to forecast changes in manufacturing scenarios.
- Fall 2009 *TKI 4263 Manufacturing System (traditional instruction):* an undergraduate course focusing on the understanding and application of the basic concepts of modern manufacturing process management systems, with regards to quality, just-in-time, lean manufacturing and six sigma.
- Fall 2003-Fall 2009 *TKT 1273 Computer Applications in Education (online and traditional instruction):* an undergraduate course that addresses technology

skills, presentation skills and integration of computer applications into teaching and learning.

- Spring 2007 *TKB 2122 Introduction to Database Management (online)*: an undergraduate course addressing database management technology as it applies to business applications in today's contemporary business environment.
- Spring 2007/Fall 2007 *TKT 4000 Directed Independent Study*: an undergraduate course that enables students to apply their theoretical knowledge and technological skills to create and present technology-based projects and papers.
- Summer 2006 *TKB 2132 Introduction to Spreadsheet Design and Analysis (traditional instruction)*: an undergraduate course that addresses electronic spreadsheet technology applied to business applications in today's contemporary business environment.
- Fall 2005-SU 2006 *TKB 1123 Document Formatting/Information Processing (traditional instruction)*: an undergraduate course addressing keyboarding principles and mastery of word processing competencies required to produce business documents.
- Spring 2006 *TKI 4363 Manufacturing Systems (traditional instruction)*: an undergraduate course focusing on the understanding and application of the basic concepts of modern manufacturing process management systems, with regards to quality, just-in-time, lean manufacturing and six sigma.

COURSES DEVELOPED

The University of Texas at Tyler

- Spring 2016 Research Techniques in Technology (Graduate)
- Spring 2015 Strategic Sourcing (Graduate)
- Summer 2013 Advanced Lean Six Sigma Black Belt (Graduate)
- Spring 2012 Project Management (Graduate)
- Fall 2011 Six Sigma (Graduate)
- Fall 2010 Total Quality Management (Undergraduate/Graduate)

SERVICES/ASSIGNMENTS

The University of Texas at Tyler

HRD DOCTORAL ADVISEES and DOCTORAL COMMITTEE MEMBERSHIPS

Susan Grove (Fall 2012-2014 Cohort, Graduated, 2018)

Dissertation: *Examining the Relationship between Employee Engagement, Job Satisfaction, Job Burnout, and Turnover Intention of Student Services Employees in Higher Education*

David Macauley (Fall, 2015-2017 Cohort, Graduated, 2018)

Dissertation: *Examining Managerial Leadership Behavior, Perceived Proximity, and Job Satisfaction in Distributed Work Arrangements*

Jim Rumsey (Fall, 2011-2013 Cohort, Graduated, 2014)

Dissertation: *The Difference in the Social Styles of Career and Volunteer Fire Chiefs*

Afton Barber (Fall, 2011-2013 Cohort, Graduated, 2014)

Dissertation: *Exploring Generational Differences Between Generation Y and Baby Boomers in Work-Life Balance*

ADDITIONAL SERVICES/ASSIGNMENTS

The University of Texas at Tyler

Fall 2024-Present	Advisory Board Committee member for Delgado Community College (Industrial Maintenance Technology)
Fall 2023-Present	Multiple Mini Interviewer for the School of Medicine
Fall 2023-Fall 2026	Undergraduate Council
Fall 2023-Fall 2025	Soules College of Business (SCOB) Undergraduate Curriculum and Assessment Committee
Fall 2023-Fall 2025	SCOB Tenure and Promotion Committee
Fall 2022-present	Military and Veterans Success Center (MVSC's) Hazelwood Appeal Committee
Fall 2022-present	Patriot Athletic Advisor (Men's Soccer)

Spring 2020-present	SCOB Strategic Planning Committee Chair
Spring 2022-present	Reviewer for <i>International Journal of Lean Six Sigma</i>
Spring 2022	Student Learning Committee-Undergraduate/Graduate Problem-Solving
Spring 2022	SCOB Longview University Center/Kilgore College Committee representative
Fall 2020-present	SCOB Commencement Committee representative
Spring 2020-present	SCOB Student Success Committee
Spring 2020-present	SCOB Endowment Committee
Summer 2019-present	Visiting Scholar for the National Training Institute (NTI)
Fall 2017-2019	Member of SCOB Tenure and Promotion Committee
Summer 2013-present	Dissertation Committee member for Ph.D. Candidates
Spring 2011-present	Faculty advisor for Epsilon Pi Tau (EPT)- Delta Gamma Chapter (Honor society for technology professionals)
Fall 2011-present	Marshall for SCOB Commencement Ceremonies
Fall 2010-present	Faculty advisor for the Association of Technology, Management, and Applied Engineering (ATMAE) student chapter
Fall 2018/Spring 19	Reviewer for <i>Journal of Management Development</i>
Fall 2017	Reviewer for <i>Technology Interface International Journal</i>
Fall 2017-present	Reviewer for <i>Quality Engineering</i>
Fall 2016-2017	Co-chair CBT Undergraduate Curriculum Committee
Summer 2016-present	Reviewer for the <i>Journal of Technology, Management, and Applied Engineering</i>
Spring 2016-2018	Member of CBT Faculty Awards and Research Committee
Fall 2015-Fall 2017	Member of CBT Student Awards and Scholarship Committee

Spring 2015	Reviewer for <i>Human Resource Development Quarterly</i>
Spring 2014	Reviewer for <i>International Journal of Vocational and Technical Education</i>
Fall 2013-2016	Chair of The University of Texas at Tyler Traffic and Parking Citation Appeals Panel
Fall 2012-Fall 2013	Member of The University of Texas at Tyler Traffic and Parking Citation Appeals Panel
Fall 2012-2014	Member of CBT Undergraduate Curriculum Committee
Fall 2012-2014	Member of the CBT Undergraduate Council (HRD and TECH)
Summer 2012	Served on the search committee for Student Life & Leadership for the Student Development Specialist I position
Spring 2012	Reviewer for <i>Technology Integration and Foundations for Effective Leadership</i>
Spring 2012	Served as a CBT mission committee member (HRD and TECH)
Fall 2011-Fall 2013	Member of the Writing Assessment Task Force Committee
Fall 2011-Fall 2014	Assurance of Learning (AOL) Committee member

Mississippi State University

Fall 2006-Spring 2009	Instructional Technology Advisory Committee (ITAC) representative for the Department of Instructional Systems, Leadership and Workforce Education
Fall 2006-Spring 2009	Instructional Technology Advisory Committee: worked in a team environment to evaluate and implement technology usage at Mississippi State University as well as discuss the creation, use, ownership, royalties of electronically and traditionally developed course materials.
Spring 2005/Fall 2005	Served as a guest speaker in the TKT 9213: Foundation, Trends and Issues in Instructional Systems, Leadership and Workforce Development (ISLWD) Graduate class at MSU; conducted a discussion about the US education system in regard to its roots and origins

PROFESSIONAL AND ACADEMIC ASSOCIATIONS

Spring 2024-present	Association of Technology, Management, and Applied Engineering (ATMAE) By-Laws committee
Fall 2019-present	Association of Technology, Management, and Applied Engineering (ATMAE) Certification Board Commissioner for the Lean Six Sigma Exam Commission
Fall 2019-present	Association of Technology, Management, and Applied Engineering (ATMAE) Board of Directors-Past Chair
Fall 2018-Fall 2019	Association of Technology, Management, and Applied Engineering (ATMAE) Board of Directors-Chair
Fall 2017-Fall 2018	Association of Technology, Management, and Applied Engineering (ATMAE) Board of Directors-Vice Chair
Spring 2018-Present	Association of Technology, Management, and Applied Engineering (ATMAE) Awards Committee-Chair
Spring 2018-Present	Association of Technology, Management, and Applied Engineering (ATMAE) Membership Committee-Chair
Spring 2018-Present	Association of Technology, Management, and Applied Engineering (ATMAE) Student Division Liaison
Fall 2011-present	Industrial Technology/Industrial Management Advisory Committee: works in a team environment to advance the Industrial Technology/Industrial Management curriculum and students involvement throughout East Texas
Fall 2011-present	Tyler Chamber Technology Committee: works with Tyler Chamber of Commerce members and The University of Texas faculty to promote technology innovation and programs in the Tyler, TX area.
Spring 2011-present	Association of Technology, Management, and Applied Engineering (ATMAE) advisor for the Student Division
Fall 2010-present	Epsilon Pi Tau (EPT): Honor society for professions in technology
Fall 2016-Fall 2018	Association of Technology, Management, and Applied Engineering (ATMAE) Board of Directors (At-Large Representative)

Fall 2012-Fall 2017	East Texas Lean Consortium board member: works with East Texas companies to improve/implement Lean concepts
Fall 2014-Fall 2016	Association of Technology, Management, and Applied Engineering (ATMAE) President for the National Student Division
Fall 2011-Fall 2016	Association of Technology, Management, and Applied Engineering (ATMAE) Certification Board Commissioner for the Lean Six Sigma Exam Commission
Fall 2012-Fall 2014	Association of Technology, Management, and Applied Engineering (ATMAE) Vice President for the National Student Division

AWARDS/CERTIFICATES

2024	Texas Academic Leadership Academy (TALA) Fellow Awarded University co-curricular funding for lodging and travel for students at The Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Las Vegas, NV- 8 students
2023	Certificate in [Inclusive Instruction for Equitable Learning or Fostering a Culture of Belonging]-Association of College and University Educators Soules College of Business (SCOB) Faculty Service Award Epsilon Pi Tau's (EPT) William E. Warner Professional Practice Award-Region 4
2022	Epsilon Pi Tau's (EPT) William E. Warner Professional Practice Award-Region 4
2021	Epsilon Pi Tau's (EPT) William E. Warner Professional Practice Award-Region 4 Awarded University co-curricular funding for lodging and travel for students at The Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Orlando, FL- 5 students
2019	Laureate status in Epsilon Pi Tau (EPT) The Association of Technology, Management, and Applied Engineering (ATMAE) Executive Board Chair Service Award

The Association of Technology, Management, and Applied Engineering (ATMAE) Faculty Excellence Award

Awarded University co-curricular funding for lodging and travel for students at The Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Charlotte, NC- 11 students

2018 Awarded University co-curricular funding for lodging and travel for students at The Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Kansas City, MO-7 students

2017 The College of Business and Technology Service Award

2016 The Association of Technology, Management and Applied Engineering Outstanding Student Chapter Award-ATMAE Conference (Advisor)

Awarded University co-curricular funding for lodging and travel for students at The Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Orlando, FL-5 students

Epsilon Pi Tau's (EPT) William E. Warner Professional Practice Award-Region Four

Outstanding Accomplishment at The University of Texas at Tyler's "Faculty and Staff Publications and Presentations Reception"

2015 The Association of Technology, Management and Applied Engineering Outstanding Student Chapter Award-ATMAE Conference (Advisor)

Awarded University co-curricular funding for lodging and travel for students at The Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Pittsburgh, PA-4 students

Outstanding Accomplishment at The University of Texas at Tyler's "Faculty and Staff Publications and Presentations Reception"

2013 Editor's Choice Award for article accepted in *Academic Exchange Quarterly*, 17(2).

The Association of Technology, Management and Applied Engineering Outstanding Student Chapter Award-ATMAE Conference (Advisor)

Awarded University co-curricular funding for lodging and travel for students at The Association of Technology, Management, and Applied Engineering (ATMAE) Conference, New Orleans, LA-8 students

2012 The Association of Technology, Management and Applied Engineering Outstanding Student Chapter Award-ATMAE Conference (Advisor)

Awarded University co-curricular funding for lodging and travel for students at The Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Nashville, TN-5 students

2011 Nominated for The University of Texas at Tyler's Outstanding Student Organization Advisor Award

The Association of Technology, Management and Applied Engineering Outstanding Student Chapter Award-ATMAE Conference (Advisor)

Awarded University co-curricular funding for lodging and travel for students at The Association of Technology, Management, and Applied Engineering (ATMAE) Conference, Cleveland, OH-5 students

LICENSES / CERTIFICATION

2016 Certified Lean Champion (CLC)

2012 Certified Lean Six Sigma Black Belt (CLSSBB)
Certified Senior Technology Manager (CSTM)
Certified Senior Manufacturing Specialist (CSMS)

2011 Certified Technology Manager (CTM)
Certified Manufacturing Specialist (CMS)

PROFESSIONAL AFFILIATIONS

Epsilon Pi Tau (EPT) Honor society for professions in technology
The Association for Career and Technical Education (ACTE)
Association of Technology, Management and Applied Engineering (ATMAE)
Association for sTEem Teacher Education (ASTE)

PROFESSIONAL CONFERENCES/WEBINARS AND WORKSHOPS:

- Faculty 180 Training

- Preparing Students for Life Beyond College: Embracing AI as Essential Learning
- Faculty Panel: Using AI for Teaching
- Faculty Panel: Using AI for Research and Service
- Positive Identity in the Classroom: Belonging, Value, and Student Engagement
- “What Makes an Exceptional Teacher and How to Become One” an Advancing Teaching & Learning Series panel discussion with the Academy of Distinguished Teachers (ADT)
- Learning Cohort: Scholarship on Teaching and Learning
- More than Words: Equity-Centered Student Success
- Learning Cohort: AI As Part of the Curriculum
- Learning Cohort: AI As Part of the Curriculum
- AI: The Teaching Assistant You Never Knew You Needed
- Learning Cohort: AI As Part of the Curriculum
- How to Present with Slides More Effectively (The University of Texas at Tyler’s Center for Excellence in Teaching and Learning)
- Post-Pandemic Teaching and Learning: What Stays? What Goes? (The University of Texas at Tyler’s Center for Excellence in Teaching and Learning)
- Ep 12: Tying It All Together: The Future of Co-Curricular Learning & Assessment (Suitable Company)
- Re-Envisioning Student Engagement Ep11: Building Student Resilience Through Asset-Based Thinking (Suitable Company)
- How Do I Help My Students? (The University of Texas at Tyler’s Center for Excellence in Teaching and Learning)
- Faculty 180 (The University of Texas at Tyler’s Center for Excellence in Teaching and Learning)
- Who Are Our Undergraduate Students? (The University of Texas at Tyler’s Center for Excellence in Teaching and Learning)
- Active Learning Strategies in STEM Courses with Keynote: Dr. Carolyn Hushman (The University of Texas at Tyler’s Center for Excellence in Teaching and Learning)
- Global Awareness & Diversity Professional Learning Community Meeting (The University of Texas at Tyler’s Center for Excellence in Teaching and Learning)
- Designing Courses for Active Learning Keynote Speaker: Dr. Barbi Honeycutt ~ FLIP It Consulting (The University of Texas at Tyler’s Center for Excellence in Teaching and Learning)
- Publication, and Peer Review Panel Discussion (The University of Texas at Tyler’s Center for Excellence in Teaching and Learning)
- Managing Classroom Incivility (The University of Texas at Tyler’s Center for Excellence in Teaching and Learning)

- Designing Teaching for Diverse Learners (The University of Texas at Tyler's Center for Excellence in Teaching and Learning)
- Connecting with Students in an Online Environment (The University of Texas at Tyler's Center for Excellence in Teaching and Learning)
- Going the Distance: Distance Learning Challenges & Solutions-IGI Global
- Faculty & Staff New Year Kickoff Workshop Series (The University of Texas at Tyler, Fall '20):
 - What do I do when...
 - Supporting Student Resiliency during a Pandemic
- Ethics and the Pandemic panel discussion (The University of Texas at Tyler)
- Academic Impressions: Strategies to Effectively Engage Students in Online Learning (The University of Texas at Tyler)
- Association of Technology, Management and Applied Engineering (Annually)
- Digital Tools to Empower 21st Century Learners (The University of Texas at Tyler)
- APA 7th Edition workshop (The University of Texas at Tyler)
- Canvas LMS training (The University of Texas at Tyler)
- Lean Management Systems (Heriot-Watt University, Edinburgh, Scotland, UK)
- Small Teaching: Everyday Lessons from the Science of Learning (The University of Texas at Tyler)
- End Note workshop (The University of Texas at Tyler-Library)
- Zoom workshop (The University of Texas at Tyler)
- Ten Principles for Online Course Assessment Webinar (The University of Texas at Tyler)
- 10 Strategies to Improve Blended Course Design 2012 Webinar (The University of Texas at Tyler)
- Tegrity Lecture Capture workshop (The University of Texas at Tyler)
- Camtasia Studio 7 workshop (The University of Texas at Tyler)