

DR. MAHMOUD A. AL-ODEH
Associate Professor
Operations & Technology Management
Bemidji State University

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EDUCATION

- Ph.D. August 2010 – August 2013**
Technology Management- Operations & Manufacturing Management, Indiana State University.
Dissertation: Feasibility Study of Residential Grid-Connected Solar Photovoltaic Systems in the State of Indiana
- M.S. June 2009- December 2010**
Industrial Technology – Supply Chain Management, Indiana State University.
Thesis: The Current Situation of Supply Chain Management and Technology Structure at Al-Hassan Industrial Estate in Jordan
- M.S. June 2006- July 2007**
Computer Information Systems – Data Mining, Arab Academy for Business and Financial Sciences (AABFS) - Jordan
- B.S. August 2002- February 2006**
Computer Information Systems – ERP Systems, Al-Hussein Bin Talal University (AHU) – Jordan
Project: Developing ERP system for procurement department at AHU

INDUSTRY EXPERIENCE

- **Broadcasting Quality Improvement Manager:** 10/ 2005 – 10/ 2008, Jordan Media City.
Responsibilities: Ensuring the quality of broadcasting signals by setting, adjusting, servicing, and managing broadcasting equipment. Other responsibilities include analyzing data, constructing charts and graphs using Microsoft Excel, performing process capability analyses using Minitab software, preparing reports, identifying problems, and submitting reports to departments managers.
- **Computer Maintenance Store Manager:** 10/2004- 10/2005, Technology Center.
Responsibilities: Establishing and documenting standards and procedures. Installing, configuring, maintaining, and upgrading Microsoft Windows server operating systems and applications. Recognizing and troubleshooting problems with server hardware and applications software.

ACADEMIC EXPERIENCE

Teaching Experience

- **Tenured Associate Professor:** 08/2016- Present, School of Technology, Art, & Design, Bemidji State University (BSU).
- **Assistant Professor:** 08/2012 – 07/2016, College of Business, Bemidji State University (BSU).
Responsibilities: teaching, developing classes, advising and recruiting online and on-campus students, faculty advisor for student club, preparing students for professional exams, writing accreditation reports, serving on several university committees, hosting outreach events, and serving the local community.
- **Adjunct Professor:** 08/2010 – 07/2012, Indiana State University (ISU).

Responsibilities: teaching and developing classes, advising students, and writing in the PhD program electronic newsletter.

- **Graduate lecturer /Graduate Assistant:** 06/2009 – 06/2010, Indiana State University (ISU),
Responsibilities: Assisting a professor with instructional responsibilities (teaching, grading, writing research, tutoring, holding office hours, supervising exam sessions). Teaching for the following courses: *applied research, technology and supervisor, computer business applications, and operations management classes.*
- **Graduate lecturer /Graduate Assistant:** 06/2006 – 07/2007, Arab Academy for Banking and Financial Sciences
Responsibilities: teaching lab classes and assisting a professor with instructional responsibilities (teaching, grading, writing research, tutoring, holding office hours, invigilating exams). Courses Taught: *Operations Management, E-business, and information systems.*

Courses Taught at Bemidji State University:

- *Quality Assurance, face-to-face & online course*, TADT 4878.
- *Operations planning & Control, face-to-face & online course*, TADT 3700.
- *Economics and Cost Analysis, face-to-face & online course*, TADT 3267.
- *Applied Project Management- Capstone course, face-to-face & online course*, TADT 4873.
- *Service Process Improvement face-to-face & online course*, TADT 4879.
- *Pre-Thesis Seminar (Honour Course) Hybrid course*, HOPR 3899, Su13, Su14, Su15.
- *Introduction to Supply Chain Management, face-to-face & online course*, TADT 4910 SP 15, Sp 16.

Courses Taught at Indiana State University:

- *Industrial Organization and Functions (Capstone Course), face-to-face course*, TMGT 478/578, Fa 10, Sp 11, Fa 11, 30 graduate and undergraduate students/ course.
- *Environmental Issues in Packaging, online course*, PKG381, Sp 11, Fa 11.
- *Product and Packaging Development, face to face course*, PKG 180, SP 12.
- *Career Planning for Industrial Technologists, online course*, MET 430, Sp 12.

Courses/ Certificates/ workshops Developed

- *Lean Six sigma 30 crs. Certificate.*
- *Technology Manager 15 crs. Certificate.*
- *Lean Principles and Practice, one-day workshop*
- *Quality Improvements Techniques, one-day workshop*
- *3D Printing one-day workshop*
- *Lean Six Sigma Certificate preparation three weeks training.*
- *Technology Management Certificate preparation one-day workshop.*
- *Advanced topics in Total Quality Management*, TADT 4930, Su 13. **Online course.**
- *Innovation and Packaging Development*, PKG 180, Sp 2012. **Face to face.**

Industry Speaker Invited

- *Unlocking your EQ Emotional Intelligence*, Jeff East and Eric Pennington, Fa 20
- *Total Quality Management Culture in Lueken's Village Food:* Mr. Brent Sicard in TADT 4936 Quality assurance Fa 19.
- *Developing a smart phone application for Lueken's Village Food:* Mr. Brent Sicard in TADT 1460 Technical Drawing Fa 12.
- *Team management story:* Ms. White (Kellogg Company, Terre Haute) in TMGT 478/578, Spring 2011.
- *Product development and environmental packaging issue:* Mr. John Walega (Ice Mountain Water, Indianapolis) in PKG 180, spring 2012.

Administrative/Leadership Experience

- **Student Achievement Conference, Director:** 2016 – 2019, Bemidji State University (BSU).
Responsibilities: Organize the Achievement Conference including planning and scheduling, assisting in securing a speaker, developing the conference schedule, maintaining a conference budget, encouraging student and faculty participation, and working with a committee of faculty, staff, and students who assist in putting on the conference. Participate in the planning of the State of Minnesota Undergraduate Scholars Conference (MUSC).
- **Vice President of Education:** 2017-2019, Toastmasters of Bemidji.
Responsibilities: create schedules agenda, encourage members to work on advanced manuals and projects, develop a mentor program, assign and supervise setting goals with members, conduct training for members, help club president setting up and implementing a club success plan, keep track of the club's Distinguished Club Program status, sign off on members award applications and speeches, and others.
- **Global Technology Management conference, Chair:** Summer 2016, Bemidji State University (BSU) & Society of Digital Information and Wireless Communications (SDIWC).
Responsibilities: Developing contracts, maintaining a budget, developing marketing material, recruiting keynote speakers, organizing workshops, reserving rooms, developing a conference schedule & booklet, organizing field trips, managing the review proposals, publishing and participants' articles.
- **Quality Matters (QM) BSU campus Coordinator/ rep:** 08/2014 –07/2016, Center for Extended Learning, Bemidji State University (BSU).
Responsibilities: Planning and managing professional development activities, developing plans to increase the number of QM certified courses, managing a course review, being the institution's primary point of contact for QM, providing training and workshops for faculty to prepare their courses for QM review, and recruiting internal QM reviewers.
- **Applied & Operations Management Programs Coordinator:** 08/2013 – present, College of Business, Bemidji State University (BSU).
Responsibilities: developing short and long term plans for the B.A.S Applied Management & Operations Management programs, monitoring and managing program budget, managing the program curriculum, policies, and evaluations, monitoring enrollment & establishing activities for recruiting, designing program objectives and implementing plans to meet desired outcomes, organizing and establishing meetings on regular basis with department chairs, deans, directors, and faculty, preparing on-campus and online class schedule, preparing promotional material and program flyers, preparing and maintaining articulation agreements with community colleges and international institutions, monitoring and documenting evaluation process, preparing accreditation reports, participating in accreditation site visits and internal reviews.
- **Master Reviewer for Quality Matters- Chair of a review committee:** 07/2013 – present, Quality Matters (QM).
Responsibilities: creating agendas for the pre and after review conference call, establishing a timeline for the review, coordinating and ensuring the rigor and consistency of the peer review process, managing the course-review process, and coaching peer reviewers to ensure helpful recommendations are provided to instructors for course improvements.

- **President of Distance Learning (DL) Division:** 07/2012 – 11/2015, Association of Technology Management and Applied Engineering (ATMAE).
Responsibilities: monitoring and administering a budget, managing the yearly conference schedule for DL, participating in and leading variety of meetings, inviting industry representatives to be part of the conference, and developing future plans for the division.

RESEARCH EXPERIENCE

Publication in Peer Reviewed Journals

- **M. Al-Odeh** “*Teaching Practices in the Age of a Pandemic*” ASQ Education divisions newsletter, Dec 2020.
- **M. Al-Odeh** “*Calculating Return on Investment for Continuous Improvement Activities: A Model and a Case Study*” International Journal of Management (IJM), Vol (11), No 2, 2020.
- **M. Al-Odeh**, J. Smallwood, M.A. Badar “*A Framework for Implementing Sustainable Supply Chain Management*” International Journal of Advanced Operations Management (IJAOM), accepted, in production.
- **M. Al-Odeh** and J. Barta “*What Universities in the Middle East can Learn from the American Online Education System*” International Journal of Informatics and Communication Technology (IJ-ICT), Vol 9, No 1, 2020
- R. Setiawan, V. Kulkarni, **M. Al-Odeh**, “*The Impact of Corporate Reputation on Organizational Performance*”, Productivity Management, Vol 25, No 1, 2020
- **M. Al-Odeh** “*Challenges and Opportunities of Implementing Online Education in the Middle East*” Journal of the Association of Arab Universities for Research in Higher Education, Vol 39, No 1, 2019
- **M. Al-Odeh** and S. Altarazi “*Supply Chain Management Information Systems Survey for Jordanian Companies*” Int. Journal of Mathematical, Engineering and Management Sciences Vol. 4, No. 3, 567–579, 2019
- **M. Al-Odeh** “*Emphasis Related Capstone Class: The Use of Real-Life Experience to Enhance Workforce Readiness*”, British Journal of Education, Vol.4, No.13 pp.1-12, 2016.
- **M. Al-Odeh** “*Supply Chain Technologies and Strategies in Northern Minnesota*”, Journal of Supply Chain Management Systems, Volume 5, Issue 2, 2016.
- **M. Al-Odeh**, M. Schafer, M.A. Badar, and Randy Peters “*Using Engineering Economic Analyses to Investigate the Viability of Residential Grid-Connected Solar Photovoltaic Systems in the State of Indiana*”, Journal of Business, Economics and Finance (JBEF), Vol.5 (4), 2016.
- **M. Al-Odeh**, A. McLeod, and M.A. Badar, “*Value Stream Mapping: Recreating the Industrial Environment in Educational Environment at College of Technology in Indiana State University*”, Technology Interface Int. Journal, Volume 15, No 2, summer 2015.
- **M. Al-Odeh**, C. Bell, and M.A. Badar “*Data Integration to Extend Product Data Management Systems to Predict Product Lifecycle*”, Global Sci-Tech Journal, Volume 6 No.1, Feb 2014.
- **M. Al-Odeh**, “*Implementing Radio Frequency Identification (RFID) Technology into Supply Chain of Small-to-Medium Manufacturing Factories*”, Int. Journal of Emerging Technology and Advanced Engineering (IJETA), Volume 2, Issue 9, September 2012.
- **M. Al-Odeh**, T. Stergioulas, and M.A. Badar, “*Economic Analysis for two-axis photovoltaic tracking system for ISU building*,” NED University Journal of Research, Vol. IX Issue 1, June 2012.
- **M. Al-Odeh** and J. Smallwood, “*Sustainable Supply Chain Management: Literature Review, Trends, and Framework*”, Int. Journal of Computational Engineering & Management (IJCEM), Vol. 15 Issue 1, January 2012

Conference Presentations/Publications

- **M. Al-Odeh** "Improve Productivity in a Bearing Industry Using Value Stream Costing", IFC 2020: Istanbul Finance Congress, 2020, Virtual Conference
- **M. Al-Odeh**, M. Asfeld, and E. McAllister "Economic Evaluation for Upgrading Welding Machines From Rectifier to Inverter: Case Study", The Association of Technology, Management, and Applied Engineering (ATMAE), 2020, Virtual Conference
- M. Doggett, **M. Al-Odeh**, A. Zargari "The Virtual Accreditation Visit in the Age of the Pandemic", The Association of Technology, Management, and Applied Engineering (ATMAE), 2020, Virtual Conference
- **M. Al-Odeh** "A Conceptual framework for Calculating the Return on Investment for Continuous Improvement Activities", INFORMS Annual Meeting, 2019, Seattle, WA
- **M. Al-Odeh** "Quality Matters Approach to Course Design Quality: QM Reviewers' Perspective", The Association of Technology, Management, and Applied Engineering (ATMAE), 2019, Charlotte NC
- **M. Al-Odeh** "*Return on Investment for Continuous Improvement Activities*", The Association of Technology, Management, and Applied Engineering (ATMAE), 2018, Kansas City, Missouri
- **M. Al-Odeh** "*Strategy to Implement Online Education in the Middle East*", The 2018 Education Conference in Arab World, April 25, 2018, Amman, Jordan
- **M. Al-Odeh** "*Implementing Value Stream Costing Analysis to Support Lean Management & Process Improvement*", The Association of Technology, Management, and Applied Engineering (ATMAE), 2016, November, Orlando, FL.
- **M. Al-Odeh** "*Improving Online and Hybrid Courses using Quality Matters (QM) Rubric*", The Association of Technology, Management, and Applied Engineering (ATMAE), 2016, November, Orlando, FL.
- **M. Al-Odeh** "*Managing Supply Chain Technologies in Northern Minnesota*", The Association of Technology, Management, and Applied Engineering (ATMAE), November 11-14, 2015, Pittsburgh, PA.
- **M. Al-Odeh**, S. Strong, and T. Brockman "*Assessing the Current Adoption of Radio Frequency Identification (RFID) Technology in Northern Minnesota Industrial and Retail Markets*", The Association of Technology, Management, and Applied Engineering (ATMAE), November 11-14, 2015, Pittsburgh, PA.
- H. Tarmizi & **M. Al-Odeh**, "*Assessing Student Perceptions and Current Adoption of E-Textbooks*", The Midwest Association for Information (MWAIS) 2015, May 14-15, 2015 Pittsburg State University, Pittsburg, KS.
- **M. Al-Odeh**, "*Developing Quality Control Charts Using Smart Phones to Monitor the Variation of a Process*", IIE Industrial and Systems Engineering Research Conference (ISERC) 2015, May 30 - June 2, Nashville, Tennessee
- **M. Al-Odeh**, "*An Empirical Study of Supply Chain Management and Technology Structure*", IIE Industrial and Systems Engineering Research Conference (ISERC) 2015, May 30 - June 2, Nashville, Tennessee.
- **M. Al-Odeh**, M. Schafer, M.A. Badar, and R. Peters, "*Economic Analysis for Two-Axis Photovoltaic System for an Indiana State University Building*", IIE Industrial and Systems Engineering Research Conference (ISERC) 2015, May 30 - June 2, Nashville, Tennessee.
- **M. Al-Odeh**, "*The Importance of Engineering Economy Analysis for Technology Managers*", IIE Industrial and Systems Engineering Research Conference (ISERC) 2015, May 30 - June 2, Nashville, Tennessee.
- **M. Al-Odeh** "*Develop a High-Impact Capstone Course for Engineering Technology Majors*", The National Association for Workforce Improvement May 19-21, 2015, Saratoga Springs, NY.

- **M. Al-Odeh** “*Effective Practices for Improving the Quality of Online or Hybrid Courses*”, The National Association for Workforce Improvement May 19-21, 2015, Saratoga Springs, NY.
- **M. Al-Odeh** and S. Strong “*A Strategy to Meet Quality Matters (QM) Standards for Online and Hybrid Courses*”, The Association of Technology, Management, and Applied Engineering (ATMAE), 2014, November 19-22, New Orleans, Louisiana.
- **M. Al-Odeh** and T. Brockman “*Using Videoconferencing Techniques for Advising Online Students*”, The Association of Technology, Management, and Applied Engineering (ATMAE), 2014, November 19-22, New Orleans, Louisiana.
- **M. Al-Odeh** and A. McLeod, M.A. Badar, “*Applying Value Steam Mapping in Educational Environment*” The 4th IAJC/ISAM Conference September 25-27, 2014, Orlando, Florida.
- **M. Al-Odeh** “*Strategies for Teaching Online and Hybrid Courses*”, The National Association for Workforce Improvement May 21-22, 2014, Portland, Oregon.
- **M. Al-Odeh** “*Implementing Radio Frequency Identification (RFID) Technology into the Supply Chain Management of Small-To-Medium Manufacturing Factories*”, The Association of Technology, Management, and Applied Engineering (ATMAE) November 20-23, 2013, New Orleans, Louisiana.
- **M. Al-Odeh** “*Impact of Distance and Online Learning on Traditional Educational Institutions*”, The Association of Technology, Management, and Applied Engineering (ATMAE) November 20-23, 2013, New Orleans, Louisiana.
- **M. Al-Odeh** “*Minority Populations and Technology: Impacts on Technology on Minority Populations*”, Humanities and Technology Association (HTA) November 7-9, 2013, Miami Gardens, FL.
- **M. Al-Odeh** and J. Smallwood, “*Sustainable Supply Chain Management: Literature Review, Trends, and Framework*”, The Association of Technology, Management, and Applied Engineering (ATMAE) November 14 - 17, 2012 Airport Marriott, Nashville, Tennessee.
- **M. Al-Odeh** and A. McLeod, M.A. Badar, “*Value Steam Mapping: Recreating the Industrial Environment in Educational Environment at College of Technology in Indiana State University*” The Association of Technology, Management, and Applied Engineering (ATMAE) November 14 - 17, 2012 Airport Marriott, Nashville, Tennessee.
- **M. Al-Odeh**, T. Stergioulas, and M.A. Badar, “*Economic Analysis for Two-Axis Photovoltaic System for an Indiana State University Building*”, IIE Industrial and Systems Engineering Research Conference (ISERC) 2012, May 19-23, Orlando, FL.
- **M. Al-Odeh**, C. Bell, and M.A. Badar, “*Data Integration to Extend PDM Systems to Predict Product Lifecycle*”, IIE Industrial and Systems Engineering Research Conference (ISERC) 2012, May 19-23, Orlando, FL.
- **M. Al-Odeh**, M. Schafer, and M.A. Badar, “*A Study on Supply Chain Management and Technology Structure at Al-Hassan Industrial Estate in Jordan*”, IIE Industrial and Systems Engineering Research Conference (ISERC) 2012, May 19-23, Orlando, FL.

BOOKS

- **M. Al-Odeh**, “*Economic and Cost Analysis for Project Managers*”, Linus Publications, 2020. ISBN: 1607979020, 978-1607979029
- **M. Al-Odeh**, “*Economic and Cost Analysis for Project Managers*”, Rylan Books, 2019 - Business & Economics. ISBN: 1607978652, 9781607978657
- **M. Al-Odeh**, “*Your Guide to Become Lean Six Sigma Certified*”- Work in progress.

AWARDS

- **The 2019 Strengthening Bonds to Industry Award:** I was given this award by the Association of Technology, Management and Applied Engineering (ATMAE) in recognition of my contributions to connect education with the technology, management, and applied engineering industries. I have been involved of developing plans and activities to encourage a better understanding of industry needs and preparing students for their future careers.
- **The 2017 Spirit of BSU Award:** As the director of the 2017 Student Achievement Conference (SAC), I have received the 2017 Spirit of BSU Award on behalf of my

team (Student Achievement Conference committee). The conference is one of the university's most important academic events. The event is designed to guide students to synthesize their study, research and creative abilities and then share those to an audience. The university acknowledged the SAC committee as: "The Student Achievement Conference planning committee, under the direction of Dr. Mahmoud Al-Odeh, significantly raised the bar in all areas with the 2017 Student Achievement Conference, held April 5".

GRANT WRITING

- Grant proposal for "BSU today!" conference Bemidji State, Using Desire to learn Templates to Improve Course Design Quality, \$1,100, Grant proposal for "innovate through COVID 19" MnState system, \$2,200 awarded, 2020
- Grant proposal for "innovate through COVID 19" MnState system, \$2,200 awarded, 2020
- Grant proposal to MnState system to develop OER courses, \$5,500, awarded, 2019
- Grant proposal to Material Handling Education Foundation of (\$7200) travel grant (not awarded Feb-2015)
- Grant proposal to Material Handling Education Foundation of (\$2500) research grant (awarded May-2012)
- Grant proposal to Federal Transit Administration of (\$390,751), Condition Assessment Methodology submitted Oct 2010 (not awarded).
- Grant proposal to ATE Regional Center of Excellence of (\$22,000), developing Technology workshops for women & minorities submitted Sep 2015 (Awarded Dec 2015).
- New Faculty Scholarship and Innovation Fund of (\$5000) Bemidji State University (awarded Dec- 2014) Radio Frequency Identification (RFID) Adoption in Northern Minnesota Industrial and Retail markets.
- Professional Improvement Grant of (\$ 1200), Bemidji State University (awarded Fa 14), Travel present paper at the Association of Technology, Management and Applied Engineering (ATMAE) conference in St. Louis, MO.
- Professional Improvement Grant of (\$ 1000), Bemidji State University (awarded Fa 13), Travel for presentation of paper - "Impacts of Technology on Minority Populations" at the 2013 Annual Humanities and Technology Association Conference at Miami Gardens, FL.
- New Faculty Scholarship and Innovation Fund of (\$5000) Bemidji State University (awarded Dec- 2012) The Current and Future Situation of Supply Chain Management and Technology Structure at the Industrial Sector in the Bemidji Area.
- Graduate Student research fund from the graduate school of ISU of (\$500), Supply chain Management in Jordan, SP11 (awarded).
- Travel fund from college of technology/ Indiana State University of (\$1100) Su 12.

ADVISOR FOR THESES/ PROJECTS

- Jake Dahlheimer, Derrick DeBoer, Tristin Linn, Nicholas Ogden, Trevor Zeppelin: "Capstone Project: Building a BSU 100 Year Anniversary Clock", Sp 2019
- Jeff Korpi, Zoe Lindgren, Casey Sura, Evan Edmundson, Matthew Rugloski: "Capstone Project: Building a Customized Coffee Table", Sp 19
- Saige Glaser, Jeffrey Harris, Cooper Heimark, Raymond Rohl: "Capstone Project: Little Free Library", Sp 19
- Kirk Bryan: "Why Study Economic and Cost Analysis?", Sp 17
- Benjamin Winkelman: "Improving the Quality of Supply Chains Using Axicon 1500 Barcode Verifier", Sp 17
- Roma Korzinski: "Implementing Quality Control and Quality Assurance for a Local Service industry", Sp 16
- Leandro GomesAguiar: "Assembly line balancing using linear programming", Sp 16
- Logan Lyon: "Scrum and Kanban: Unlimited Efficiency in the Workplace", Sp 16
- Kimberly Morey: "Using Quality Function Deployment to Understand Customers' Needs", Sp 15

- Kent Ojanen: "Developing Production Plan and Making Decisions Using Systematic Approach", Sp 15
- Brent Humenik: "Infinity Mirror Advertisement", Sp 15
- Scott Thiel: "Modern Automotive Manufacturing", Sp 15
- Sanjay Maharjan: "Zero Waste: A dream or a reality ", Sp 14
- Abraham Hierlmaier: "Recycling Project", Sp 14
- Rebecca Newman: "Waste to Energy", Sp 14
- Savanah Thompson, Creating a Business Plan for "Thin Air Reflections" Sp 15. (Honour's Thesis)
- David Esping, Supporting iPad Technology in Higher Education, Fa 14. (Master's thesis)
- Daniel G. Schoon, Workforce Incentives that Increase the Efficiency of Organizations' Workforce, Fa 13. (Honour's Thesis)
- Avinash Muvva, Damage detection in pre-twisted turbine blades, SP 12. (Master's thesis)
- Aravind K. Golla, Using RFID to design a packaging line for meat industry to minimize cost and increase efficiency, SP 11. (Master's thesis)
- Sundera Divakaruni, Stress and Modal Analysis of Individual Impellers And Complete Shaft Assembly of Existing 500MW Impeller for 600 MW Application, SP11 (Master's thesis)

COMMITTEE MEMBER For A GRADUATE THESES/ PROJECTS

- Doctor of Philosophy In Mechanical Engineering: Ms. Kolluri Aruna Prabha "Design And Implementation Of In-Process Monitoring System For Turning Operations: A Multi-Sensor Fusion Approach", 2020
- Master of Special Education: Ashley Orth "Benefits and Challenges of Assistive Technology in the Special Education Classroom", 2019
- Master of Special Education: Mitchell Nelson "Assistive Technologies That Promote Independence For Secondary Special Education Students", 2017
- MBA Capstone Project: Courtney Gifford - "Good For The Sole: A Company Overview"
- MBA Capstone Project: Patrick Tobin: "Dash Shoes Company", 2017
- Master of Art in Teaching: Nicole Schumacher "Classroom Website To Increase Parent And Student Communication And Understanding Within The Special Education World", 2017
- Master of Art in Teaching: Darren Sonenstahl "Google Site: Using Cornell Notes", 2017
- Master of Art in Teaching: Josh Alessio "Preparing Seventh Grade Math Students", 2016
- Master of Industrial Technology: William Clark "Applying Multiple Views Of A Bill Of Material To Reduce Cumulative Lead Time", 2016
- Master of Art in Teaching: Erin Piel "Developing A Curriculum Designed For A Blended Learning Model In A Middle School Classroom", 2016
- Master of Education: Changying Yan "The Development Of Social Competence In Early Education", 2016

CONSULTATION

- Six Sigma practices using Minitab, ATMAE conference, ASQ MN conference, Nov 2020
- Lean Six Sigma Training, Dec 2019
- "Presenting a new product development for IDEA Competition" April 2019
- Training workshop on "Designing High-Impact Online and Hybrid Courses" at The annual ATMAE National conference, Nov, 2015
- Reviewing textbooks related to Quality and Operations Management. SU 15
- Chairing several teams as Quality Matters Master reviewer to review online and hybrid courses for national and international organizations since 2013.

- Improving Supply Chain Management practices by Implementing Inventory Management System, ReStore - Habitat for Humanity International, Jun 2015
- Serving as a member of accreditation visiting team to several institutions since April 2015
- Developing Value Steam Analysis to reduce waste and improve efficiency at Lueken's Village Food, Bemidji Jan 2015.

PROFESSIONAL SERVICES & VOLUNTEER OPPORTUNITIES

- Associate Editor for the Asian Journal of Economics and Management, Associate Editor, Years 2019- present
- Editorial advisory board member for The International Journal of Social Sciences
Advisory board member, years 2020 -present
- Board member for the ATMAE Certifications board, Board member, Years 2020-present
- Chair of the 2019 work committee of ATMAE Management Division, National Committee chair, Year 2019
- Judge for the 2020 MnState Shark Tank, Judge, Year 2019/2020
- Accreditation coordinator of the ATMAE accreditation visit TADT programs, Coordinator and Leader, Year 2017
- Vice President of education for the Bemidji Toastmasters club, Vice President, Year 2017-2019
- Chair of the Global Technology Management conference, Summer 2016, Chair, Year 2016
- Coordinator of the BAS Applied Management, Operations Management emphasis, and Two certifications program, Coordinator, Years 2015 – present
- Chair of Faculty Position Hiring Committee, Chair, Year of 2017/2018
- Chair of Quality Matters review committee, Chair, years 2014-present
- Coach and Trainer on Deigning OER course for MN open education resources (OER), Trainer, Years 2020 twice ,2019 twice
- Coach and trainer Designing high quality Course using D2L Brightspace Templates, Trainer, year 2020
- Accreditation team member visiting institutions on behalf of ATMAE accreditation
Member, Years 2015, 2017, 2020 & 2021
- Mentor for new BSU faculty, Mentor, Years 2019, 2020
- Judge in the 2015 & 2020 Edison Awards, Judge– Years 2015 & 2020
- Member of the BSU Academic Affairs Committee, Member, Years 2017-2020
- Member on the MnState committee to discuss the possibility of changing the learning management system D2L, Member, Years 2020- present
- Member of ATMAE conference planning committee, Member, Years 2018, 2019, & 2020
- Member on the Honors Council Member - Years 2012- 2015
- Participating in the AAR advising sessions, Department representative - Year 2014 – present
- Member on the Human Subjects Committee/ IRB, Member - Year of 2013 - 2019
- Co-coordinator of the Collaborative Institutional Training Initiative (CITI Program) (the new exam for IRB) Co- coordinator years of 2014- 2019
- Member of the BSU Assessment and HLC accreditation Member- Year of 2013 – Present
- Coordinator of the HLC/taskstream for the TAD-Technology, Coordinator – Year of 2013 – Present
- Coordinating the ATMAE Accreditation documentation for the TAD-Technology, Coordinator – Year of 2013 – Present
- Coordinator of the TADT Class Schedules, Coordinator – Year of 2013 – Present
- Participating in the community Appreciation Day, Department Rep- Years of 2013, 2014, 2015, 2016,2017, & 2019

- Judge for the Northern Minnesota Regional Science Fair Judge - Years 2015, 2019, 2020
- Department rep for BSU Career Expo Coordinator and Department rep, Years 2014, 2015, & 2020
- Reviewer for national conferences and journals, Reviewer, 2015- present
- Member of the Professional Improvement Committee, Member, Year 2019, 2020
- Member of the department Scholarship committee, Member, Year 2020
- Member of several COVID 19 emergency committees/ workgroups, Member, Year 2020
- Work on articulation agreements and arranging for visits, Coordinator of the industry visit, Year 2020
- Judge for BSU elevator speech, Judge, facilitator, & sponsor, Year 2017 & 2019
- Help with organizing MAD day, Co-organizer, Year 2017
- Being part of the judges panels for the poster session at ATMAE conference 2019
- Advising the BED Student club, 2012- present
- Participating in the STEM day at the Boys and Girls Club, 2018, 2019,
- Reviewing papers for JATMAE 2019,2020
- Serving as Head referee for VEX competition in Dec, 2014 Dream it Do it Central Minnesota Vex Tournament.
- Chairing operations management session at the 4th IAJC/ISAM Conference September 26, 2014, Orlando, Florida.
- Serving as a judge in the 2014- 61st Annual Northern Minnesota Regional Science Fair.
- Serving as referee for VEX IQ in Jan, 2014 Dream it Do it Central Minnesota Vex Tournament.
- Serving as member of College of Business Strategic Plan Taskforce committee at Bemidji State University 2013- 2015.
- Serving as member of the Institutional Review Board (IRB) committee at Bemidji State University since Aug-2013.
- Serving as member of the Liberal/General Education committee at Bemidji State University Aug-2013- Aug-2015.
- Serving as judge in the 2013 Vex competition.
- Serving as reviewer for ATMAE 2012 Distance and Online Learning track.
- Serving as member of the Honors Council at Bemidji State University Aug-2012 – July -2017 .
- Serving as member of several search committees, 2013, 2014, 2015
- Serving as member on the Editorial Board and Reviewer Board of IJECCT Journal, since 01 Mar 2011.
- Serving as writer in the PhD program at Indiana State University, electronic newsletter, Aug 2010- Aug 2012.
- Serving as graduate student member in Diversity Committee- the College of Technology, Indiana State University, Aug 2011 –Aug-2012.

PROFESSIONAL AFFILIATIONS

- Project Management Institute (PMI).
- The Institute for Operations Research and the Management Sciences (INFORMS).
- American Society for Quality (ASQ).
- The Association of Technology, Management, and Applied Engineering (ATMAE).

CERTIFICATION

- Lean Six Sigma Black Belt Certified
- Six Sigma Green Belt Certified
- Advanced Business Analytics Specialization, University of Colorado Boulder
- Quality Matters Program Reviewer.

- ATMAE Accreditation Reviewer.
- Lean Continuous Improvement.
- Quality Matters Master Reviewer.
- OSHA 10 hrs. certificate.
- Quality Matters Certified reviewer.
- Certified Senior Technology Manager (CSTM).
- Certified Senior Technology Professional (CSTP).