

Summary Vitae

**AHMAD ZARGARI, PH.D., Certified Senior Technology Manager (CSTM)
Chair and Professor of Applied Engineering and Technology (AET)**

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EDUCATION

- Doctor of Philosophy, Bowling Green State University ([BGSU](http://www.bgsu.edu)), Bowling Green, OH. Specialization: Industrial Technology.
 - [*Dissertation: Identification of Curriculum Content for A Doctor of Philosophy Degree \(Ph.D.\) in Industrial Technology*](#)
- Master of Industrial Technology in Manufacturing, Bowling Green State University
- Master of Career and Technology Education, Bowling Green State University.
- B.S. in Psychology
- AS in Electronics Engineering
- Advanced Electronics: More than 2000 hours of Advanced Electronics, United States Air Force.
- Electronics Circuit Analysis and Troubleshooting, College of Marconi, England.

EXPERIENCE

- **Indiana State University:** Served on the Dissertation Committee for Robert Dean Morrison, Ph.D. in Technology Management (May 2008).
- **Indiana State University:** Taught TMGT 603B – Manufacturing Economy for Ph.D. in Technology Management, Indiana State University (fall 2004, 2006, 2008).
- **Morehead State University (1994 – Present),** IET Professor and Chair, Coordinator of Graduate Programs.
- Directed, chaired or served on the committee for more than 30 theses.
- Developed the Master of Science in Engineering Technology (MSET) and taught graduate and undergraduate industrial and engineering technology courses including: IET 600 – Impact of Technology (online), IET 619 Total Quality Control (online), IET 603 - Quality Assurance in Science and Technology (online), IET 698 – Research Methods in Science and Technology (online), IET 680 Networking Technology (online), IET 645 – Computer Interfacing and Applications.
- Bowling Green State University, Teaching and Postdoctoral Fellow (1989-1994).
- IIAF School of Electronics, Director of School of Electronics.

PROFESSIONAL DEVELOPMENT

Programs/Courses Developed

- Led the development of a BS degree in Engineering Management (2010).
- Helped the enhancement and revision of the BS degree in Engineering Technology to include three specializations/options in 1) Construction Management and Civil Engineering Technology, 2) Design and Manufacturing Engineering Technology, and 3) Electronics and Computer Engineering Technology (2010).
- Led the development of the Integrated Engineering program for CPE review (2010)
- Helped the development of an online 2+2 completer BS degree in Technology Management 2+2 completer program (BSTM) for KCTCS and other Community College graduates.
- Led the development and implementation of the Engineering Technology Program.
- Helped to develop the Telecommunications and Computer Technology option within the Industrial Technology Program.
- Coordinated the faculty effort to revise courses/curriculum within IT and IE programs.
- Developed and implemented Kentucky's first Master of Science in Industrial Technology (MSIT) program in 2001/2002.
- Helped develop and implement IET 110 – Fundamentals of Computer Technology, a Computer Competency course for the general education core.
- Revised the Master of Science in Vocational Education/Technology to the Master of Science in Career & Technical Education (MS CTE).

- Developed a Technical-Management (non-teaching) option for the MS program in Vocational Education/Technology.
- Developed advanced technical-management graduate courses: Computer Integrated Manufacturing (CIM) IET 688, Networking Technology IET 680, Quality Assurance in Science and Technology IET 603, Total Quality Management IET 619, IET 698 – Research Methods in Technology, IET 645 – Computer Interfacing and Applications, and Impact of Technology IET 600.
- Helped develop a new undergraduate course, Programmable Logic Controllers (PLC) EET 346, Data Communications & Networking EET 480, and Technology Systems IET 120.
- Utilized the Internet (Blackboard) in order to aid the student learning in all assigned courses including VOC 685, EET 345, IET 680, IET 603, IET 603, IET 120, and IET 619.
- Helped students develop their team Web pages including their projects and resume that are linked to my personal page and the IET page.
- Conducted program assessment using alumni and employer surveys.

HONORS/Leadership

- Bowling Green State University's College of Technology Distinguished Alumnus (2011).
- Served on ATMAE (formerly NAIT) Board of Accreditation since 2000.
- Served as ATMAE Board of Accreditation Visiting Team Member and Team Chair.
- ATMAE (NAIT) Executive Board, Chair 2005
- Laureate Citation from *Epsilon Pi Tau*.
- Commissioned the "Kentucky Colonel" for teaching at the Governor's Scholars Program (GSP) Engineering Focus in 2002 and 2003.
- NAIT University Division, President
- Participated in the International Technology Education Association (ITEA) President's Roundtable (March 2002)
- W.E. Warner Graduate Student Research Award (1994): Awarded by the International Technology Education Association (ITEA), Kansas City.
- Certificate of Appreciation (1992-1994): In recognition of contributions to the Pre-college Enrichment Program for minority students, BGSU.
- Certificate of Appreciation (1993): Participation in the evaluation of Summer Freshman Program at BGSU.
- Distinguished Officer Award (1978): United States Air Force.

MEMBERSHIP

- Kentucky Applied Technical Education Association, Past President.
- Epsilon Pi Tau: Alpha Gamma Chapter.
- Association of National Association of Industrial Technology (NAIT), Member of Board of Accreditation.
- National Association of Industrial and Technical Teacher Education (NAITTE).
- Senior Member of the Society of Manufacturing Engineers (SME).
- International Technology Education Association (ITEA).
- Southeastern Technology Education Conference (STEC).
- American Technical Education Association (ATEA).
- American Society for Engineering Education (ASEE).
- National Association for Science, Technology & Society (NASTS).
- Eastern Kentucky Technology Education Association.

PROFESSIONAL ACHIEVEMENT

- ATMAE (NAIT) accreditation consultant, approved by ATMAE Board of Accreditation.
- ATMAE (NAIT) accreditation team chair
- Led and coordinated the IET's efforts toward NAIT re-accreditation (until 2008) and directed the faculty's efforts in meeting and exceeding the NAIT's expectations through a two-year progress report.
- Authored/co-authored a number refereed or peer reviewed papers in the Journal of Industrial Technology, the Technology Interface, ASEE Proceedings, and NAIT Selected papers.
- Presented/co-presented at the NAIT, ASEE, ITEA Annual Conferences
- Appointed by Indiana State University as a visiting professor to teach for the Ph.D. program in Technology Management via the Internet.

- Certified Senior Industrial Technologist (CSIT).
- Chaired College of Science in Technology's Academic Technology Planning Committee.
- Chaired/co-chaired a number of theses since 2000.
- Appointed to the graduate faculty to serve on the doctoral student committee, University of Kentucky
- Presented/co-presented more than 40 papers at the NAIT, ASEE, ITEA, AVA, ACTE conventions 1994-present
- Presented/co-presented two papers at the 2001 Annual Conference of International Technology Education Association (ITEA).
- Presented/co-presented two papers at the 2001 International Conference of Electrical Manufacturing and Coil Winding (EMCW).
- Presented/co-presented one paper at the 2001 American Society for Engineering Education (ASEE).
- Presented/co-presented a paper at the 2001 KATEA Conference.
- Presented/co-presented five papers at the 2001 Annual Convention of the National Association of Industrial Technology (NAIT).
- Completed the EDUC 599 course – Technology Integration in Higher Education.
- Completed three Networking and one PLC Workshops.
- Directed-co-directed three theses.
- Appointed as the Society of Manufacturing (SME) Visiting Team Member in NAIT.
- Presented at the 10th to 14th STS and Technological Literacy Conference (NASTS), NAIT 1994-2000 and 1994-2000 Annual Conference Electrical Manufacturing & Coil Winding (EMCW/EIC).
- Reviewed electronics and manufacturing manuscripts for the online Journal of Technology Interface.
- While performing assigned full load faculty responsibilities, prepared a self-study report and coordinated the IET's successful endeavors toward earning full-accreditation status from the National Association of Industrial Technology (NAIT).

SERVICE

- Executive Board Chair, National Association of Industrial Technology Executive Board (2004-2005)
- President, University Division, National Association of Industrial Technology (2003-2004)
- Member, NAIT Board of Accreditation (2000 - present)
- Appointed as Society of Manufacturing Engineers (SME) representative to serve on the NAIT Visiting Team for Manufacturing Programs (2001 – present)
- President, Kentucky Applied Technology Education Association (KATEA, 2001). Coordinated and presided the 44th Annual Conference of Kentucky Applied Technology Education Association (KATEA) in Louisville, Kentucky (November 9 – 10, 2001).
- Served as the member and chair of the NAIT Accreditation visiting team (1998-2010).
- Served on the University Professional Development Committee (2001).
- Served on the University Tenure Committee (2001).
- Consulting: Conducted on-site leadership development seminars for Summit Polymers Inc., Mt. Sterling, KY.
- Served on the MSU Graduate Committee (1998-2000).
- Participated at the International Education Magellan Exchange Coordinators.
- Served as the Kentucky Applied Technology Education Association (KATEA) Director of Regional Associations and Vice President for Industrial Technology Education.
- Served on the MSU General Education Curriculum Subcommittee.
- Served on the MSU Faculty Senate.
- Coordinated/co-directed the Eastern Kentucky Technology Education Association (EKTEA) Technology Student Regional Competition at Morehead State University (March, 2000 & March 2001)
- Served on the MSU Graduate Students Recruitment Committee (2000-present)
- Served on the College of Science & Technology Recruiting & Retention Committee (1999 – 2001).
- Served on IET PBSI and R&R Committees.
- Consulting: Conducted on-site leadership development seminars for Summit Polymers Inc., Mt. Sterling, KY (2001).
- Public Relations Committee of the National Association of Industrial Technology University Division (1997-2000)

GRANTS:

- Directed CTE/Math integration project in collaboration with KY Office of Career and Technical Education (OCTE) for approximately \$500,000 (2006-08)
- Directed the Tech Prep fiscal agent project for the KY OCTE for more than 200,000 (2006 – 08)
- Co-authored the NSF CCLI matching grant proposal, Regional Enhancement of Flexible Manufacturing System Instruction in Eastern Kentucky to Improve Undergraduate Education. (2004). Funded: \$95,000.
- Directed the Perkins, Tech Prep Integration and Enrichment, Technical Education Professional Development and Field Based Grants.
- Received the PT3 Faculty Technology Integration Grant award for \$1500 to design the Internet-based graduate course, Research Methods in Technology - IET 698. This course is now available on the Kentucky Virtual University (KYVU) for spring semester 2002 (2001).
- Authored with Mr. Robert Hayes and Dr. James Smallwood the CCLI – A&I NSF grant proposal, Implementation of a Robotics Application, Computer Integrated Manufacturing, and Automation Workcell for \$116,357 (2001).
- Collaborated with East Tennessee State University faculty to develop the grant proposal, Development of a Model for Support of Developmental and Established Industrial and High Technology Enterprises in the Appalachian Region.
- Co-authored with Mr. Robert Hayes and Dr. James Smallwood the grant proposal, Enrichment Activities for Technology Education was funded for in 1997, 1998, 1999, 2000, and 2001, 2002, and 2003 by the Department of Technical Education, KY.
- Received \$800 NAIT grant for the *Development of a Database Web Page for Collection and Dissemination of Demographic Data among Industrial Technology Professionals*.
- Received NAIT grant for the research proposal, Doctor of Philosophy Degree in Industrial Technology.
- Received NAIT grant for the research proposal, Technology Job Market and Career Trends for the 21st Century, was endorsed and approved for funding by the National Association of Industrial Technology.
- Received the funding for 1997 to 2000 Summer Fellowship, Development of Practical Skills Required for Designing, Implementing, and Troubleshooting of Windows 2000 Professional and Advanced Server.
- Maintains and annually updates the Demographics data on the NAIT home page.

DISSERTATION

- Morrison, D. R. (2008). A Determination of the Tasks of Technology Managers in the Central American Maquilas of the U.S. Based Multinationals, Indiana State University.

THESES

Directed or served on the committee of the following theses:

	Name of the Student	Thesis Topic	Date
1	Sharon Austin	Investigation Of The Electromechanical Properties Of A Carbon Fiber-Sodium Silicate Composite Material For The Purpose Of Structural Health Monitoring	August 2005
2	Ali Reza Alavizadeh	The Determination Of Failure Occurring In The Stator Coil Winding Due To The Over Voltage Using Matlab Software	December 2000
3	Yuliana Susanto	A Study To Determine The Teacher Education Students Five Year Performance On Praxis Ii Assessment At Morehead State University	April 2001
4	Barry Pelphrey	An Analysis Of Distance Education Learner Demographics At Morehead State University	May 2001
5	Yuqiu You	Establishing A Lan Network For Designing And Analyzing Of Manufacturing Products	May 2002
6	Jason Noble	Value Stream Improvements Using Kanban For The X-Workcell	July 2003
7	Erick N. Jeffers	Comparison Between A Hydraulic Rotary Circuit And A Small Gasoline Engine Based On Speed, Torque, And Horse Power	November 2003
8	Kathryn L. Campbell	A Critical Analysis Of The Lean Production System Using Employee Feedback	December 2003
9	Shirley M. Flinders	Adapting An Effective Interface For A Passive Solar System	December 2003

		With A Truncated Pyramid Concentrator	
10	Naomi Bronson	Analysis Of Power Takeoff Shafts To Prevent Injuries/Fatalities	October 2004
11	David Ledford Flora	A Statistical Comparison Between a Distance Learning Environment and a Traditional Teaching Environment	April 2005
12	Roy Lee Gentry Jr.	A Performance Evaluation Of A Homogeneous Wireless Network Using Optnet It Guru	November 2005
13	Tay-Shing Chen	Toyota 180l Spiral Radiator Hose Design To Six Sigma Goal	December 2005
14	Patil Yogesh	CAD/FEA Tools And The Analysis Of Design For Optimization	October 2006
15	Tapani Kilpeläinen	Analysis Of Quality Costs For Vrp-109 And Larox Power Pf And Intensifying The Manufacturing Process	April 2007
16	Terry White	An Analysis Of The Potential Hydroelectric Power In Kentucky	June 2007
17	Priya Shekar	Identifying And Analyzing The Factors Causing The Process Mean To Shift Away From The Nominal Value In The Ball Bearing Race Way Of Md2 Series	November 2007
18	Richard Wagoner	Performance Testing An Inline Network Intrusion Detection System Using Snort	November 2007
19	Rohan Uddhav Patel	A Simulation Study Of Medium Access Control Protocols Of Wireless Networks	May 2008
20	Jason E. Fights	A Descriptive Analysis Of The Gender Gap Of Women In Technical Fields	May 2008
21	Pravin Kumar Patil	Performance Analysis Of Multi Carrier Code Division Multiple Access (MC-CDMA) Systems	August 2008
22	Rajendra Patil	Performance And Analysis Of Transfer Control Protocol Over Voice Over Wireless Local Area Network	August 2008
23	Milind Patil	A Balanced Scorecard Approach To Evaluate Enterprise Resource Planning Of Morehead State University	August 2008
24	Prabhakara Rao Eluru	Analysis And Evaluation Of Existing C-Band Feed Horns For Applicability To The 21 Meter Morehead Space Tracking Antenna	October 2008
25	Arjunkumar Tummuri	Optimization and stress analysis of a single stage rotary compressor	March 2009
26	Devender Benne	Comparison between coal fired boiler and natural gas fired boiler at Morehead State University Power Plant	March 2009
27	Pavankumar Kurmagadda	Design optimization of rolling piston type rotary compressor	March 2009
28	Santoshkumar Kurella	Enhancing engine block quality by reducing metal chips in porosities – a case study at Toyota Motor Manufacturing Kentucky, Inc	March 2009
29	Siva Nanapaneni	Selecting the best network for the LabVIEW web server motion control system to achieve better performance	March 2009
30	Marc Beck	Remote operation and automation of the vhf/ uhf system for tracking and controlling kysat-1	July 2009
31	He Shi	Development and performance analyze of a filter kit system database for clark material handling company	Spring 2010
32	Jason Stepp	Determination and Analysis of curriculum content for a degree program in construction management	Spring 2010
33	Daniel Patrick Midden	An Analysis of Manufacturing Process as Related to the Camber Requirement for Brake Pads	Fall 2010
34	Anthony Shelley	Theoretical Performance Calculations, Feed Design, & Feed Support Structure for 24FT/7.3M Parabolic Reflector Antenna & L-band Test Feeds	Fall 2010

PUBLICATIONS (peer reviewed).

- Zargari, A., Sutton, J. (2010). Characteristics of ATMAE Faculty: A Demographics Perspective. Proceedings of the 2010 Annual Conference of the Association of Technology, Management, and Applied Engineering, Panama City, FL.
- Zargari, A. (2010). A critical Overview of ATMAE's Role in the 21st Century: Establishing and Maintaining Program Visibility in a Market Driven Economy. Proceedings of the 2010 Annual Conference of the Association of Technology, Management, and Applied Engineering, Panama City, FL.
- Zargari, A., You, Y. (2010). ATMAE Alumni: A Trends Analysis and Demographics of 2005 ATMAE Accredited Programs Alumni. Proceedings of the 2010 Annual Conference of the Association of Technology, Management, and Applied Engineering, Panama City, FL
- Zargari, A., Sutton, J. (2009). Characteristics of Industrial Technology Faculty: A Demographics Perspective. Proceedings of the 2009 Annual Conference of the Association of Technology, Management, and Applied Engineering, Louisville, KY.
- Zargari, A., Mason, P., and Alavi A. (2009). Design for Sustainability Consideration in IET Robotics Project. Proceedings of the 2009 Annual Conference of the Association of Technology, Management, and Applied Engineering, Louisville, KY.
- Alavi A., You, Y., and Zargari, A. (2009). Status and Demographics of Industrial Technology Alumni: A Trends Analysis of Selected Industrial Technology Graduates. Proceedings of the 2009 Annual Conference of the Association of Technology, Management, and Applied Engineering, Louisville, KY.
- Zargari, A., Patrick, C. (2008). Characteristics of Industrial Technology Faculty: A Demographics Study. Proceedings of the Annual Conference of National Association of Industrial Technology (NAIT), Nashville, TN.
- You, Y., Zargari, A., and Xiaolong L. (2008). A Project-Oriented Approach Used in Teaching Robotics Application Engineering for Manufacturing Technology. Proceedings of the Annual Conference of National Association of Industrial Technology (NAIT), Nashville, TN.
- You, Y., and Zargari, A. (2007). How to ensure Quality of Online Courses and Programs? Proceedings of the Annual Conference of National Association of Industrial Technology (NAIT), Panama City, FL.
- Mohammed, J., Alungbe, G., and Zargari, A. (2007). First Level Technical Management Skills in Rapid Prototyping. Proceedings of the Annual Conference of National Association of Industrial Technology (NAIT), Panama City, FL.
- Zargari, A., Houston, S., and Muller, W. (2007). Characteristics of Selected Baccalaureate Industrial Technology Programs in Louisiana and Mississippi. Proceedings of the Annual Conference of National Association of Industrial Technology (NAIT), Panama City, FL.
- Mason, P., Zargari, A., and Mohammed J. (2007). Status and Demographics of Industrial Technology Alumni: A National Survey of 2002 Graduates. Proceedings of the Annual Conference of National Association of Industrial Technology (NAIT), Panama City, FL.
- Zargari, A. and Patrick, C. (2007). Trends and Characteristics of Industrial Technology Faculty. Proceedings of the Annual Conference of National Association of Industrial Technology (NAIT), Panama City, FL.
- Zargari, A. and Patrick, C. (2006). Salary Comparison Survey: NAIT Accredited Versus Non-Accredited Industrial Technology Faculty. Proceedings of the Annual Conference of National Association of Industrial Technology (NAIT), Cleveland, OH.
- Zargari, A. and Patrick, C. (2006). Trends and Characteristics of Industrial Technology Faculty: A Philosophical Perspective. Proceedings of the Annual Conference of National Association of Industrial Technology (NAIT), Cleveland, OH.
- Zargari, A. and Patrick, C. (2006). A National Survey of 2001 Industrial Technology Alumni. Proceedings of the Annual Conference of National Association of Industrial Technology (NAIT), Cleveland, OH.
- Coddington, C., and Zargari, A. (2005). Faculty Shortage in Industrial Technology. 2005 Annual Convention of the National Association of Industrial Technology (available on CD). (pp. 150). St. Louis, Missouri
- Zargari, A, Patrick, C. (2005). Industrial Technology Program Effectiveness: A National Survey of Industrial Technology Alumni. 2005 Annual Convention of the National Association of Industrial Technology (available on CD). (pp. 150). St. Louis, Missouri

- Zargari, A, Patrick, C. (2005). Industrial Technology Faculty: A 2000 – 2004 Demographics Perspective. 2005 Annual Convention of the National Association of Industrial Technology [Selected Papeers] available on CD). (pp. 150). St. Louis, Missouri
- Zargari, A., and Wangsaputra, R. (2004). Industrial Technology (IT) Programs Effectiveness Through the Eyes of IT Graduates: A National Survey of 1999 Industrial Technology Graduates. 2004 Annual Convention of the National Association of Industrial Technology [Abstract] available on CD). (pp. 179). Louisville, KY.
- Zargari, A, Patrick, C., and Coddington, C. (2004). Trends and Characteristics of Industrial Technology Faculty: A Demographic Perspective. 2004 Annual Convention of the National Association of Industrial Technology [Abstract] available on CD). (pp. 190). Louisville, TN.
- Smallwood, J. E., Zargari, A. and Seaman, V. (2003). Student Professional Certification and How It Can Benefit Your Program. 2003 Annual Convention of the National Association of Industrial Technology Selected Papers (peer reviewed, available on CD). (pp. 24-27). Nashville, TN.
- Zargari, A., Patrick, C., and Coddington, C. (2003). Trends and Characteristics of Industrial Technology Faculty. 2003 Annual Convention of the National Association of Industrial Technology Selected Papers (peer reviewed, available on CD). (pp. 166-171). Nashville, TN.
- Zargari, A. (2003). Industrial Technology (IT) Programs Effectiveness Through the Eyes of IT Graduates: A National Survey of 1998 Industrial Technology Graduates. 2003 Annual Convention of the National Association of Industrial Technology [Abstract] available on CD). (pp. 152). Nashville, TN.
- Zargari, A., Smallwood, J. E., and Seaman, V. (2003). A Critical Overview of Industrial Technology Role in the 21st Century: A Philosophical Perspective. 2003 Annual Convention of the National Association of Industrial Technology [Abstract] (available on CD). (pp. 16). Nashville, TN.
- Zargari, A., and Hayes, R. (2002). Alumni Perceptions of Industrial Technology Programs: A National Survey of 1996 IT Graduates. 2002 Annual Convention of the National Association of Industrial Technology Selected Papers (peer reviewed, available on CD). (pp. 236-240). Panama City, FL.
- Zargari, A, Patrick, C., and Coddington, C. (2002). A Descriptive Study of Industrial Technology Faculty: Presentation of Demographic Data Using the Internet. 2002 Annual Convention of the National Association of Industrial Technology Selected Papers (peer reviewed, available on CD). (pp. 241-246). Panama City, FL.
- Zargari, A., Smallwood, J. E., and Seaman, V. (2002). Development of the Online Research Methods in Technology Course for a Master of Science Program in Industrial Technology. 2002 Annual Convention of the National Association of Industrial Technology Selected Papers (peer reviewed, available on CD). (pp. 247-252). Panama City, FL.
- Zargari, A., and Hayes, R. (2001). Alumni Perceptions of Industrial Technology Programs: A National Survey of 1995 IT Graduates. 2001 Annual Convention of the National Association of Industrial Technology Selected Papers (peer reviewed, available on CD). (pp. 92-95). Detroit, MI.
- Smallwood, J. E., Spangler, R., and Zargari, A. (2001). Strategies for Teaching Lab-Based Technology Courses via Distance Learning. 2001 Annual Convention of the National Association of Industrial Technology Selected Papers (peer reviewed, available on CD). (pp. 193-196). Detroit, MI.
- Patrick, C., and Zargari, A. (2001). The role of scholarship for industrial technology faculty. Online Journal of Industrial Technology, 18(1), 1-5.
- Zargari, A., and Alavizadeh, A. (2001). Determination of the Failure in the Stator Coil Windings Due to Voltage Surges Using Minitab. 2001 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference (available on CD and hard copy). (pp. 615-621). Imperial Beach, CA.
- Zargari, A., and Combs, M. S. (2001). Construction, Interfacing, and Application of an 8255-based Programmable Peripheral Interface Card. 2001 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference (available on CD and hard copy). (pp. 119-123). Imperial Beach, CA.
- Li, J., and Zargari, A. (2001). Interfacing an 8085-based microcontroller: A practical approach to developing computer application skills. 2001 ASEE Annual Conference & Exposition Proceedings (available on CD). (pp. 1-13). Albuquerque, NM.
- Zargari, A., and Combs, M. (2001). Construction, Troubleshooting, and Programming of an Intel 8255-Based Interface Card. The Online Journal of Technology Interface.
- Zargari, A., and Hayes, R. (2000). Alumni Perceptions of Industrial Technology Programs: A National Survey 1994 IT Graduates. 2000 Annual Convention of the National Association of Industrial Technology (available on CD and hard copy). (pp. 226-229). Pittsburgh, PA.

- Spangler, R., Smallwood, J., and Zargari, A. (2000). Using Compressed Video, the Internet, and CourseInfo to Facilitate Distance Learning. 2000 Annual Convention of the National Association of Industrial Technology (available on CD and hard copy). (pp. 179-183). Pittsburgh, PA.
- Patrick, C., and Zargari, A. (2000). Standards for Evaluating Faculty in Industrial Technology. 2000 Annual Convention of the National Association of Industrial Technology (available on CD and hard copy). (pp. 156-158). Pittsburgh, PA.
- Zargari, A., and Li, J. R. (2000). Application of Microprocessor System in Controlling the Motion of an Electric Stepper Motor: A Senior Project. 2000 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference (available on CD and hard copy). (pp. 319-325). Imperial Beach, CA.
- Grise', W. R., and Zargari, A. (2000). Thermal Stress Analysis: Assessment of Failure Criteria for a 2-Layer Winding. 2000 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference (available on CD). (pp. 189-194). Imperial Beach, CA.
- Combs, M., and Zargari, A. (2000). Construction of an Intel 8255-Based Interface Card. Peer Reviewed and Selected Papers: 2000 Annual Convention of the National Association of Industrial Technology (available on CD and hard copy). (pp. 21-26). Pittsburgh, PA.
- Smallwood, J., and Zargari, A. (2000). The development of a distance (DL) learning course in industrial technology. *Journal of Industrial Technology*, 16(3), 1-5.
- Zargari, A, Patrick, C., and Coddington, C. (2001). A Descriptive Study of Industrial Technology Faculty: Presentation of Demographic Data Using the Internet. 2001 Annual Convention of the National Association of Industrial Technology Selected Papers (peer reviewed, available on CD). (pp. 233-238). Detroit, MI.
- Smallwood, J. E., Spangler, R., and Zargari, A. (2001). Strategies for Teaching Lab-Based Technology Courses via Distance Learning. 2001 Annual Convention of the National Association of Industrial Technology Selected Papers (peer reviewed, available on CD). (pp. 193-196). Detroit, MI.
- Patrick, C., and Zargari, A. (2001). The role of scholarship for industrial technology faculty. *Online Journal of Industrial Technology*, 18(1), 1-5.
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- Zargari, A., and Combs, M. S. (2001). Construction, Interfacing, and Application of an 8255-based Programmable Peripheral Interface Card. 2001 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference (available on CD and hard copy). (pp. 119-123). Imperial Beach, CA.
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- Zargari, A., and Li, J. R. (2000). Application of Microprocessor System in Controlling the Motion of an Electric Stepper Motor: A senior Project. 2000 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference (available on CD and hard copy). (pp. 319-325). Imperial Beach, CA.
- Grise', W. R., and Zargari, A. (2000). Thermal Stress Analysis: Assessment of Failure Criteria for a 2-Layer Winding. 2000 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference (available on CD). (pp. 189-194). Imperial Beach, CA.
- Combs, M., and Zargari, A. (2000). Construction of an Intel 8255-Based Interface Card. Peer Reviewed and Selected Papers: 2000 Annual Convention of the National Association of Industrial Technology (available on CD and hard copy). (pp. 21-26). Pittsburgh, PA.

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- Zargari, A. (1999). Restructuring 2-year college curriculum: The key to workforce development. American Technical Education Association Journal, 27(1), 18-20.
- Zargari, A., & Hayes, R. (1999). An analysis of industrial technology programs in meeting students' needs: A survey of alumni. The On-line Journal of Industrial Technology, 15(4), 1-5.
- Zargari, A., & Coddington, C. E. (1999). Key characteristics of industrial technology faculty: A national survey of NAIT accredited IT programs. The On-line Journal of Industrial Technology, 15(2), 1-6.
- Alavizadeh, A., Zargari, A., and Grise? W. R. (1999). Application of ANSYS Software in Analyzing and Predicting Thermal Behavior of High Voltage Windings. 1999 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW). Conference (available on CD). (pp. 275-280). Imperial Beach, CA.
- Zargari, A., Devier, D., & Schumm, G. F. (1999). Preparation of Industrial Technology Associate Degree Programs for the 21st century: Earning Accreditation by the National Association of Industrial Technology (NAIT). Peer Reviewed and Selected Papers: 32nd Annual Convention of the National Association of Industrial Technology (available on CD). (pp. 21-24). Panama City, FL.
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