

Summary Vitae

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EDUCATION

- Doctor of Philosophy, Bowling Green State University ([BGSU](#)), 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, National University of Iran.
- S. in Electronics Engineering, IIAF Community College.
- Advanced Electronics: More than 2000 hours of Advanced Electronics, United States Air Force.
- Electronics Circuit Analysis and Troubleshooting, College of Marconi, England.

EXPERIENCE

- Morehead State University, IET Professor and Chair, Coordinator of Graduate and Undergraduate Programs.
- Bowling Green State University, Teaching and Postdoctoral Fellow (1989-1994).
- IIAF School of Electronics, Director of School of Electronics.
- Developed 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, MCT 603G – Manufacturing Economy for Ph.D. in Technology Management, Indiana State University. Directed 20 theses (IET 699) and a number of research projects (IET 670, 676)

PROFESSIONAL DEVELOPMENT

Programs/Courses Developed

- Helped the development of the online 2+2 completer BS degree in Technology Management 2+2 completer program (BSTM) for KCTCS 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.
- 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 C&TE).
- 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.
- Developed 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.
- Advised an average of 60 students (40 undergraduate; 30 graduate students).
- Conducted program assessment using alumni and employer surveys.

HONORS/Leadership

- NAIT Executive Board, Chair
- 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)
- Nominated for Bowling Green State University’s College of Technology Distinguished Alumnus (1994).
- 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.
- 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

- NAIT accreditation consultant, approved by NAIT Board of Accreditation.
- NAIT accreditation team chair
- 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 (KTEA) in Louisville, Kentucky (November 9 – 10, 2001).
- Served as the member and chair of the NAIT Accreditation visiting team.
- 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.

THESES

Directed/served on the thesis committee of more than 20 theses including:

- Tay-sheng, K. (2005). An Analysis of Six-Sigma Implementation in Cooper Standards, Mt. Sterling, KY.
- Director. McCleese, M. (2005). A Comparative Analysis of the Impact of New Technology Implementation on Organizational Structure and Effective Strategies in Corporate Decision Making.
- Director. Bronson, M. (2004). Analysis of power takeoff shafts to prevent injuries/fatalities.
- Director. Campbell, C. L. (2003). A critical analysis of the Lean Production System using employee feedback.
- Director. Jeffers, E. (2003). Comparison between a hydraulic rotary system and a small gasoline engine based on speed, torque, and horsepower.
- Director. Flinders, S. (2003). Adapting an effective interface for a passive solar system with a truncated pyramid concentrator.
- Director. Noble, J. (2003). Value stream improvement using Kanban for the X-Workcell.
- Director. You, Y. (2002). Establishing a LAN network for designing and analysis of manufacturing products. [Received NAIT's outstanding Graduate Students Research Award). Yuqiu is a teaching fellow with ABD pursuing the doctor of philosophy degree, Indiana State University.
- Director. Alavizadeh, A. (2001). The determination of failure occurring in the stator coil winding due to the over voltage using Matlab software. [Ali is a teaching fellow with ABD at Bowling Green State University. He is pursuing the doctor of philosophy degree in technology management, Indiana State University.
- Thesis Committee Member. Pelphrey B. (2001). An analysis of distance education learner demographics at Morehead State University.

PUBLICATIONS (Selected papers are peer reviewed)

- Authored/co-authored 12 abstracts in the proceedings of the 2005, 2006 and 2007 Annual Conventions of the National Association of Industrial Technology. Abstracts are available on CD.
- 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.
- 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. (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.
- Smallwood, J., & Zargari, A. (1999). The Development and Delivery of a Distance Learning Course in Industrial Technology. Peer Reviewed and Selected Papers: 32nd Annual Convention of the National Association of Industrial Technology (available on CD). (pp. 87-90). Panama City, FL.
- Patrick, C., & Zargari, A. (1999). Developing Successful Research Programs in Industrial Technology. Peer Reviewed and Selected Papers: 32nd Annual Convention of the National Association of Industrial Technology (available on CD). (pp. 134-136). Panama City, FL.
- Zargari, A., & Smallwood, J. (1999). Application of Design of Experiments (DOE) Software in Total Quality Improvement. Peer Reviewed and Selected Papers: 32nd Annual Convention of the National Association of Industrial Technology (available on CD). (pp. 151-154). Panama City, FL.
- Zargari, A., and Grise', W. R. (1999). A Comparison of Traditional Methods of Setting up Design of Experiments with the Utilization of Computer-Based DOE Software. 1999 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference (available on CD). (pp. 583-588). Imperial Beach, CA.
- Zargari, A., Hayes, R., & Spradling R. (1999). Curriculum development in manufacturing technology: A survey of Society of Manufacturing Engineers college of fellows. Online Proceedings of the 1999 American Society for Engineering Education (ASEE) Conference. Charlotte, NC.
- Zargari, A., & Hayes, R. (1999). Industrial Technology (IT) Program's Effectiveness through the Eyes of IT graduates [Abstract]. 1999 Convention Abstracts: 32nd Annual Convention of the National Association of Industrial Technology. (pp. 69). Panama City, FL.
- Patrick, C., & Zargari, A. (1999). Developing Successful Research Programs in Industrial Technology [Abstract]. 1999 Convention Abstracts: 32nd Annual Convention of the National Association of Industrial Technology. (pp. 110). Panama City, FL.
- Smallwood, J., & Zargari, A. (1999). The Development and Delivery of a Distance Learning Course for Industrial Technology [Abstract]. 1999 Convention Abstracts: 32nd

Annual Convention of the National Association of Industrial Technology. (pp. 132). Panama City, FL.

- Zargari, A. & Smallwood, J. (1999). Application of Design of Experiment (DOE) Software in Total Quality Improvement (TQI) [Abstract]. 1999 Convention Abstracts: 32nd Annual Convention of the National Association of Industrial Technology. (pp. 159). Panama City, FL.
- Zargari, A., Patrick, C., & Coddington, C. (1999). Development of a Database Web Page for Collection and Dissemination of Demographic Data among Industrial Technology Professionals [Abstract]. 1999 Convention Abstracts: 32nd Annual Convention of the National Association of Industrial Technology. (pp. 160). Panama City, FL.
- Zargari, A., Devier, D., & Schumm, G. (1999). Preparation of Industrial Technology Associate Degree Programs for 21st Century: Earning Accreditation from the National association of Industrial Technology [Abstract]. 1999 Convention Abstracts: 32nd Annual Convention of the National Association of Industrial Technology. (pp. 161). Panama City, FL.
- Zhao, D. & Zargari, A. (1999). Preparing for the 21st Century: Utilization of a Web-Based Library System [Abstract]. 1999 Convention Abstracts: 32nd Annual Convention of the National Association of Industrial Technology. (pp. 162). Panama City, FL.
- Zargari, A., & Coddington, C. E. (1998, fall). Development of research agendas for industrial technology. Journal of Industrial Technology, 14(4), 8-10.
- Zargari, A., & Combs, M. (1998, Fall). Design and construction of an 8088-
- Zargari, A. (1998). A general education technology course: Planning, design, and implementation. Bulletin of Science, Technology & Society, 18(4), 289-292.
- Zargari, A., & Patrick, C. E. (1998, November). A technology systems course: An essential component of general education curriculum. The On-line Journal of Industrial Technology, 15(1), 1-4.
- Zargari, A., & Grise, W. R. (1998). Application of design of experiments (DOE) software in total quality management (TQM). 1998 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference (available on CD). (pp. 65-69). Imperial Beach, CA.
- Grise, W. R., & Zargari, A. (1998). Methods of analysis and prediction for thermal electrostrictive and thermalistic behavior in high voltage windings and insulation. 1998 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference (available on CD). (pp. 207-215). Imperial Beach, CA.
- Zargari, A., Hayes, R., & Spradling R. (1998). An assessment of industrial technology programs in manufacturing: An international survey of industrial managers. Selected Papers: 31st Annual Convention of the National Association of Industrial Technology. (pp. 213-215). Indianapolis, IN.
- Zargari, A., & Brauer, W. M. (1998). A critical overview of industrial technology programs: A philosophical perspective. Selected Papers: 31st Annual Convention of the National Association of Industrial Technology. (pp. 210-212). Indianapolis, IN.
- Zargari, A., Hayes, R., & Spradling R. (1998). An assessment of industrial technology programs in manufacturing: An international survey of industrial managers [Abstract]. 1998 Convention Abstracts: 31st Annual Convention of the National Association of Industrial Technology. (pp. 26). Indianapolis, IN.
- Zargari, A., & Coddington, C. E. (1998). Industrial technology job market and career trends for the 21st century: A national survey of IT advisory board members [Abstract].

1998 Convention Abstracts: 31st Annual Convention of the National Association of Industrial Technology. (pp. 58). Indianapolis, IN.

- Zargari, A., & Brauer, W. M. (1998). A critical overview of industrial technology programs: A philosophical perspective [Abstract]. 1998 Convention Abstracts: 31st Annual Convention of the National Association of Industrial Technology. (pp. 134). Indianapolis, IN.
- Brauer, W. M., & Zargari, A. (1998). A critical overview of industrial technology programs: A philosophical perspective [Abstract]. 1998 Convention Abstracts: 31st Annual Convention of the National Association of Industrial Technology. (pp. 135). Indianapolis, IN. (CD available)
- Zargari, A. (1997). Identification of curriculum content for the master of industrial technology: A national survey. Journal of Industrial Technology, 13(2), 42-45.
- Zargari, A. (1997). Survey results guide the establishment of doctor of philosophy degree (Ph.D.) programs in industrial technology. Journal of Industrial Technology, 13(4), 15-19.
- Zargari, A. (1997). Vocational-technical education's role in welfare reform: Providing employability skills for welfare recipients. Journal of Industrial Teacher Education, 34(3), 86-93.
- Zargari, A. (1997). Partnership between Vocational Institutions and Welfare Programs. ERIC Document ED 403 432.
- Zargari, A. (1997). A doctor of philosophy program in industrial technology: A national survey of IT graduate faculty. Selected Papers: 30th Annual Convention of the National Association of Industrial Technology. (pp. 117-121). Atlanta, CA.
- Waggoner, W. T., Sinn, J. W., Kennedy, E., Zargari, A., and Corbet, R. (1997, winter). Automating a liberal ed. Technology course: A preliminary foundation for redesign. Journal of Industrial Technology, 13(1), 35-39
- Zargari, A., Cantrell, P. A., and Grise', W. R. (1997). Application of statistical process control (SPC) software in total quality management. 1997 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference. (pp. 829- 834). Imperial Beach, CA.
- Hall, D., and Zargari, A. (1997). Build your own computer: How to construct an 8088-based single board microcomputer. Selected Papers: 30th Annual Convention of the National Association of Industrial Technology. (pp. 26-29). Atlanta, CA.
- Grise', W. R. and Zargari, A. (1997). Delamination and cracking failures in high- voltage stator winding coatings. 1997 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference. (pp. 835-839). Imperial Beach, CA.
- Grise', W. R. and Zargari, A. (1997). Coupled finite element analysis of super heat resistant ceramic insulated wire. 1997 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference. (pp. 219-227). Imperial Beach, CA.
- Zargari, A., & Macdonald, K. (1994). A history and philosophy of technology education. The Technology Teacher, 53(8), 7-11.
- Zargari, A. (1996). Survey results guide total quality management (TQM) course development in industrial technology. The Journal of Technology Studies, 22(2), 11-14.
- Zargari, A. (1996, December/January, 1997). Developing a total quality improvement course for the preparation of technical management personnel. ATEA Journal, 6-8.
- Zargari, A. (1996). A doctor of philosophy program in industrial technology. Selected Papers: 29th Annual Convention of the National Association of Industrial Technology. (pp. 123-127). Los Angeles, CA.

- Patrick, C., Zargari, A. (1996). A technology course at the core of college curriculum. The Technology Teacher, 56(3), 27-30.
- Zargari, A., Patrick, C, and Coddington, C. (1996). Objectives of technology education: A philosophical perspective. Bulletin of Science, Technology & Society, 16(4), 232-236.
- Grise', W. R. and Zargari, A. (1996). Finite element analysis of high-voltage stator windings. 1996 Proceedings of Electrical Manufacturing & Coil Winding Association, Inc. (pp. 115-118). Imperial Beach, CA.
- Zargari, A., Savage, E., & Waggoner, T. (1995). Curriculum content for the master of industrial technology in manufacturing. The Journal of Technology Studies, 21(2), 73-76.
- Zargari, A., Campbell, M. B., & Savage, E. (1995). Determination of curriculum content and requirements for a Ph.D. program in industrial technology. The Journal of Industrial Teacher Education, 32(4), 57-73.
- Zargari, A. (1995). Infusing total quality management into industrial technology graduate curricula [Abstract]. Proceedings of the 28th Annual Conference of the National Association of Industrial Technology (pp. 64).
- Patrick, C., Zargari, A., and Coddington, C. (1995). Technology as general education for the university students [Abstract]. Proceedings of the 28th Annual Conference of the National Association of Industrial Technology (pp. 51). Savannah, GA.
- Zargari, A. (1995). Infusing total quality management into industrial technology graduate curricula. Presented at the 1995 convention of the National Association of Industrial Technology, Savannah, GA.
- Waggoner, T., Zargari, A., and Sinn, J. (1994). Automating a technology course for liberal education offering. In D. Cheek & K. Cheek (Eds.), Proceedings of the Ninth National Technological Literacy Conference, pp. 150-164: In ERIC Clearinghouse for Social Studies/Social Sciences Education, pp. 288.
- Zargari, A., Waggoner, T. (1994). Graduate Curriculum in Industrial Technology [Abstract]. Proceedings of the 27th Annual Conference of the National Association of Industrial Technology (pp. 22).
- Zargari, A., Savage, E., and Sinn, J. W. (1994). The Delphi technique: A Doctor of Philosophy Program in Industrial Technology through the Eyes of Leading Educators [Abstract]. Proceedings of the 27th Annual Conference of the National Association of Industrial Technology (pp. 33).

PRESENTATIONS

- Presented 6 papers at the 2006 and 2007 Annual Conventions of the National Association of Industrial Technology.
- Zargari, A., and Coddington, C. (2005). Faculty Shortage in Industrial Technology: How Will the Next Generation of Industrial Technology Faculty be Prepared? Presented at the 2005 Annual Conference of the National Association of Industrial Technology, St. Louis, MO.
- Zargari, A. (2005). Industrial Technology (IT) Programs' Effectiveness: A National Survey of IT Graduates. Presented at the 2005 Annual Conference of the National Association of Industrial Technology, St. Louis, MO.
- Zargari, A, Patrick, C. (2005). Industrial Technology Faculty: A 2000 – 2004 Demographics Perspective. Presented at the 2005 Annual Conference of the National Association of Industrial Technology, St. Louis, MO.

- Zargari, A., and Wangsaputra R. (2004). Industrial Technology (IT) Programs' Effectiveness through the Eyes of IT Graduates: A National Survey of 1999 IT Graduates. Presented at the 2004 Annual Conference of the National Association of Industrial Technology, Louisville, KY.
- Zargari, A., Patrick, C., and Coddington, C. (2004). A Demographics Study of Industrial Technology Faculty. Presented at the 2004 Annual Conference of the National Association of Industrial Technology, Louisville, KY.
- Zargari, A. (2003). Industrial Technology (IT) Programs' Effectiveness through the Eyes of IT Graduates: A National Survey of 1998 IT Graduates. Presented at the 2003 Annual Conference of the National Association of Industrial Technology, Nashville, TN.
- Zargari, A., Patrick, C., and Coddington, C. (2003). Trends and Characteristics of Industrial Technology Faculty: A Demographic Perspective. Presented at the 2003 Annual Conference of the National Association of Industrial Technology, Nashville, TN.
- Smallwood, J. E., Zargari, A. and Seaman, V. (2003). Student Professional Certification and how it can benefit Your Program. Presented at the 2003 Annual Conference of the National Association of Industrial Technology, Nashville, TN.
- Zargari, A. Smallwood, J. E., and Seaman, V. (2003). A Critical Overview of Industrial Technology's Role in the 21st Century: A Philosophical Perspective. Presented at the 2003 Annual Conference of the National Association of Industrial Technology, Nashville, TN.
- Zargari, A, Smallwood, J. E. (2003). Trends and Curriculum Structure for Graduate Programs in Technology. Presented at the 2003 ITEA Conference, Nashville, TN.
- Zargari, A., and Hayes, R. (2002). Alumni Perceptions of Industrial Technology Programs: A National Survey of 1997 IT Graduates. Presented at the 2002 Annual Convention of the National Association of Industrial Technology. 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. Presented at the 2002 Annual Convention of the National Association of Industrial Technology. Panama City, FL.
- Zargari, A., Sheybani, E., and Glass, S. (2002). The Application of a Digital Multifunction Interface Card. Presented at the 2002 Annual Convention of the National Association of Industrial Technology. Panama City, FL.
- Zargari, A, Sheybani, E., and Glass, S. (2002). The Application of a Digital Multifunction Interface Card. Presented at the 2002 Annual Convention of the National Association of Industrial Technology. Panama City, FL.
- Zargari, A, Smallwood, J. E. (2001). Implementing a Graduate Level Statistical Quality Assurance (SQA) Course Using Minitab Software via Distance Learning. Presented at the 2001 Annual Convention of the National Association of Industrial Technology. Detroit, MI.
- Smallwood, J. E., Spangler, R., and Zargari, A. (2001). Strategies for Teaching Lab-Based Technology Courses via Distance Learning. Presented at the 2001 Annual Convention of the National Association of Industrial Technology. Detroit, MI.
- Zargari, A., and Combs, M. S. (2001). Construction, Interfacing, and Application of an 8255-based Programmable Peripheral Interface Card. Presented at the 2001 Annual Conference of Electrical Manufacturing & Coil Winding (EIC/EMCW). Cincinnati, OH.

- Zargari, A., and Alavizadeh, A. (2001). Determination of the Failure in the Stator Coil Windings Due to Voltage Surges Using Minitab. Presented at the 2001 Annual Conference of Electrical Manufacturing & Coil Winding (EIC/EMCW). Cincinnati, OH.
- Li, J., and Zargari, A. (2001). Interfacing an 8085-based microcontroller: A practical approach to developing computer application skills. Presented at the 2001 American Society for Engineering Education (ASEE) Annual Conference. Albuquerque, NM.
- Zargari, A., and Smallwood, J. (2001). Teaching Laboratory-based Technology Courses Via Distance Learning. Presented at the 63rd Annual International Technology Education Association (ITEA) Conference. Atlanta, GA.
- Smallwood, J., and Zargari, A. (2001). Curriculum Content for Technology Teacher Education Baccalaureate Degree Programs. Presented at the 63rd Annual International Technology Education Association (ITEA) Conference. Atlanta, GA.
- Zargari, A., and Hayes, R. (2001). Alumni Perceptions of Industrial Technology Programs: A National Survey of 1995 IT Graduates. Presented at the 2001 Annual Convention of the National Association of Industrial Technology. Detroit, MI.
- Zargari, A, Patrick, C., and Coddington, C. (2001). A Descriptive Study of Industrial Technology Faculty: Presentation of Demographic Data Using the Internet. Presented at the 2001 Annual Convention of the National Association of Industrial Technology. Detroit, MI.
- Zargari, A, Zhang, J. (2001). Design and Implementation of a CISCO Certified Networking Associate (CCNA) Laboratory. Presented at the 2001 Annual Convention of the National Association of Industrial Technology. Detroit, MI.
- Zargari, A, Smallwood, J. E. (2001). Implementing a Graduate Level Statistical Quality Assurance (SQA) Course Using Minitab Software via Distance Learning. Presented at the 2001 Annual Convention of the National Association of Industrial Technology. Detroit, MI.
- Smallwood, J. E., Spangler, R., and Zargari, A. (2001). Strategies for Teaching Lab-Based Technology Courses via Distance Learning. Presented at the 2001 Annual Convention of the National Association of Industrial Technology. Detroit, MI.
- Zargari, A., and Combs, M. S. (2001). Construction, Interfacing, and Application of an 8255-based Programmable Peripheral Interface Card. Presented at the 2001 Annual Conference of Electrical Manufacturing & Coil Winding (EIC/EMCW). Cincinnati, OH.
- Zargari, A., and Alavizadeh, A. (2001). Determination of the Failure in the Stator Coil Windings Due to Voltage Surges Using Minitab. Presented at the 2001 Annual Conference of Electrical Manufacturing & Coil Winding (EIC/EMCW). Cincinnati, OH.
- Li, J., and Zargari, A. (2001). Interfacing an 8085-based microcontroller: A practical approach to developing computer application skills. Presented at the 2001 American Society for Engineering Education (ASEE) Annual Conference. Albuquerque, NM.
- Zargari, A., and Smallwood, J. (2001). Teaching Laboratory-based Technology Courses Via Distance Learning. Presented at the 63rd Annual International Technology Education Association (ITEA) Conference. Atlanta, GA.
- Smallwood, J., and Zargari, A. (2001). Curriculum Content for Technology Teacher Education Baccalaureate Degree Programs. Presented at the 63rd Annual International Technology Education Association (ITEA) Conference. Atlanta, GA.
- Zargari, A., and Hayes, R. (2000). Alumni Perceptions of Industrial Technology Programs: A National Survey. Presented at the 2000 Annual Convention of the National Association of Industrial Technology. Pittsburgh, PA.

- Zargari, A, Patrick, C., and Coddington, C. (2000). A Descriptive Study of Industrial Technology Faculty: Presentation of Demographic Data Using the Internet. Presented at the 2000 Annual Convention of the National Association of Industrial Technology. Pittsburgh, PA.
- Spangler, R., Smallwood, J., and Zargari, A. (2000). Using Compressed Video, the Internet, and CourseInfo to Facilitate Distance Learning. Presented at the 2000 Annual Convention of the National Association of Industrial Technology. Pittsburgh, PA.
- Patrick, C., and Zargari, A. (2000). Standards for Evaluating Faculty in Industrial Technology. Presented at the 2000 Annual Convention of the National Association of Industrial Technology. 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. Presented at the 2000 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference. Cincinnati, OH.
- Grise', W. R., and Zargari, A. (2000). Thermal Stress Analysis: Assessment of Failure Criteria for a 2-Layer Winding. Presented at the 2000 Proceedings of Electrical Manufacturing & Coil Winding (EIC/EMCW) Conference. Cincinnati, OH.
- Combs, M., and Zargari, A. (2000). Construction of an Intel 8255-Based Interface Card. Peer Reviewed and Selected Papers: Presented at the 2000 Annual Convention of the National Association of Industrial Technology. Pittsburgh, PA.
- Smallwood, J., and Zargari, A. (2000). A Study of Computer Integrated Manufacturing: A Professor's Internship. Presented at the 2000 Annual Convention of the National Association of Industrial Technology. Pittsburgh, PA.
- Zargari, A., and Smallwood, J. (2000) the State of Technology Education: An International Survey. Presented at the International Technology Education Association's 2000 Conference in Salt Lake City, Utah.
- Smallwood, J., and Zargari, A. (2000). The development of a distance learning (DL) course in industrial technology. *Journal of Industrial Technology*, 16(3), 1-5.
- Smallwood, J., and Zargari, A. (2000). A Study of Computer Integrated Manufacturing: A Professor's Internship. Presented at the 2000 Annual Convention of the National Association of Industrial Technology. Pittsburgh, PA.
- Zargari, A., and Smallwood, J. (2000). The State of Technology Education: An International Survey. Presented at the International Technology Education Association's 2000 Conference in Salt Lake City, Utah.
- Hayes, R., Zargari, A. (1999). Industrial Technology (IT) Programs' Effectiveness through the Eyes of IT graduates: A National Survey. Presented at the 1999 Annual Convention of the National Association of Industrial Technology, Panama City, FL.
- Patrick, C., & Zargari, A. (1999). Developing Successful Research Programs in Industrial Technology. Presented at the 1999 Annual Convention of the National Association of Industrial Technology, Panama City, FL.
- Smallwood, J., & Zargari, A. (1999). The Development and Delivery of a Distance Learning Course in Industrial Technology. Presented at the 1999 Annual Convention of the National Association of Industrial Technology, Panama City, FL.
- Zargari, A., & Smallwood, J. (1999). Application of Design of Experiments (DOE) Software in Total Quality Improvement (TQI). Presented at the 1999 Annual Convention of the National Association of Industrial Technology, Panama City, FL.
- Zargari, A., Coddington, C., & Patrick, C. (1999). Development of a Database Web Page for the Collection and Dissemination of Demographic Data Among Industrial

Technology Professionals. Presented at the 1999 Annual Convention of the National Association of Industrial Technology, Panama City, FL.

- Zargari, A., Schumm, G., & Devier, D. (1999). Preparation of Industrial Technology Associate Degree Programs for the 21st century: Earning Accreditation by the National Association of Industrial Technology (NAIT). Presented at the 1999 Annual Convention of the National Association of Industrial Technology, Panama City, FL.
- Zhao, D., & Zargari, A. . . (1999). Preparing for the 21st Century: Utilization of a Web-Based Library System. Presented at the 1999 Annual Convention of the National Association of Industrial Technology, Panama City, FL.
- Zargari, A., & Grise' W. R. (1999). A Comparison of Traditional Methods of Setting up Design of Experiments with the Utilization of Computer-Based DOE Software. Presented at the 1998 Annual Convention of Electrical Manufacturing & Coil Winding (EIC/EMCW), Cincinnati, OH.
- Alavizadeh, A., Zargari, A., & Grise' W. R. (1999). Application of ANSYS Software in Analyzing and Predicting Thermal Behavior of High Voltage Windings. Presented at the 1998 Annual Convention of Electrical Manufacturing & Coil Winding (EIC/EMCW), Cincinnati, OH.
- Zargari, A. (1999). Identification of Content for a Technology Education Program at the University Level. Presented at the 14th Annual Conference for National Association for Science, Technology and Society 4-6 March 1999. Baltimore, MD.
- Smallwood, J. Zargari, A. (1999). Organizing and Developing a Regional Professional Association. Presented at the 61st Annual International Technology Education Association (ITEA) Conference. Indianapolis, IN.
- Zargari, A., Smallwood, J. (1999). The Study of Technology in the Liberal Arts Curriculum. Presented at the 61st Annual International Technology Education Association (ITEA) Conference. Indianapolis, IN.
- Zargari, A., Patrick, C. (1999). Tools and Techniques for Maximizing Your Teaching effectiveness. Presented at the 24th Annual Vocational Teacher Conference. Louisville, Kentucky.
- Zargari, A. (1998). Technology Systems: A Course of Study for General Education Curriculum. Presented at the 13th National STS Meeting and Technological Literacy Conference. Naperville, IL.
- Zargari, A. (1998). Application of Design of Experiments (DOE) Software in Total Quality Management (TQM). Presented at the 1998 Annual Convention of Electrical Manufacturing & Coil Winding (EIC/EMCW), Cincinnati, OH.
- Zargari, A, Brauer, W. (1998). A Critical overview of industrial technology's role in the 21st century: A philosophical perspective. Presented at the 1998 Annual Convention of the National Association of Industrial Technology, Indianapolis, IN.
- Zargari, A., & Coddington, C.E. (1998). Job market and career trends for the 21st century: A National Survey of IT Advisory Board. Presented at the 1998 Annual Convention of the National Association of Industrial Technology, Indianapolis, IN.
- Zargari, A., Hayes, R.T., & Spradling, R. (1998). An assessment of industrial technology programs in manufacturing: An international survey of industrial managers. Presented at the 1998 Annual Convention of the National Association of Industrial Technology, Indianapolis, IN.
- Zargari, A., Waggoner, T. (1997). Statistical Process Control (SPC). Presented at the 1997 Annual Convention of the National Association of Industrial Technology, Indianapolis, IN.

- Zargari, A. (1998). A General Education Technology Systems: Planning, Designing, and Implementation: Presented at the 1998 Southeastern Technology Education Conference, Greensboro, NC.
- Zargari, A. (1998). Vocational-technical Education Role in Welfare Reform: Providing Employability Skills for Welfare Recipient Presented at the 1998 Vocational Teacher Education Conference (VTEC). Bardstown, KY. Zargari, A. (1998). Strengthening Community Colleges Technical Curriculum: The Key to Workforce Development. Presented at the fourth Annual Conference on Improving Instruction, Hazard Community College, Hazard, KY.
- Zargari, A., Coddington, C. E. (1997). Technology Education: A Course of Study for All Learners. Presented at the 12th National STS Meeting and Technological Literacy Conference. Worcester, MA.
- Zargari, A., Cantrell, P. A., and Grise', W. R. (1997). Application of Statistical Process Control (SPC) Software in Total Quality Management. Presented at the 1997 Annual Convention of Electrical Manufacturing & Coil Winding (EIC/ECMW), Chicago, IL.
- Grise', W. R. and Zargari, A. (1997). Coupled Finite Element Analysis of Super Heat Resistant Ceramic Insulated Wire. Presented at the 1997 Annual Convention of Electrical Manufacturing & Coil Winding (EIC/ECMW), Chicago, IL.
- Grise', W. R. and Zargari, A. (1997). Delamination and Cracking Failures in High-Voltage Stator Winding Coatings. Presented at the 1997 Annual Convention of Electrical Manufacturing & Coil Winding (EIC/ECMW), Chicago, IL.
- Zargari, A. (1997). A Doctor of Philosophy in Industrial Technology: A National Survey. Presented at the 1997 Annual Convention of the National Association of Industrial Technology, Atlanta, CA.
- Coddington, C.E., and Zargari, A. (1997). Key Characteristics of IT Faculty: A National Survey of Accredited IT Programs. Presented at the 1997 Annual Convention of the National Association of Industrial Technology, Atlanta, GA.
- Hayes, R.T., and Zargari, A. (1997). Key Characteristics of IT Faculty: An Analysis of IT Programs Effectiveness for Preparing Technical-Management Personnel. Presented at the 1997 Annual Convention of the National Association of Industrial Technology, Atlanta, GA.
- Zargari, A., Waggoner, T. (1997). A Discussion of Technical Content for a Terminal Degree in Industrial Technology. Presented at the 1997 Annual Convention of the National Association of Industrial Technology, Atlanta, GA.
- Zargari, A. (1997). Technology Education: A Course of Study for All Learners: Presented at the 1997 Southeastern Technology Education Conference, Roanoke, VA.
- Zargari, A., and Smallwood, J. (1997). A Curriculum Framework for Technology Education. Presented at the 1997 Kentucky Applied Technology Education Association (KATEA) Conference. Lexington, KY.
- Zargari, A., and Patrick, C. W. (1997). A Technology Systems Course: An Essential Component of General Education Curriculum. Presented at the 1997 Kentucky Applied Technology Education Association (KATEA) Conference. Lexington, KY.
- Zargari, A., and Clawson, K. (1997). Strengthening Collegiate Education in Community Colleges. A Panel Discussion at the Third Annual Conference on Improving Instruction, Hazard Community College, Hazard, KY.
- Zargari, A., Coddington, C. E., and Patrick, C. (1996). The objectives of technology education: A philosophical perspective. Presented at the 11th National STS Meeting and Technological Literacy Conference. Arlington, VA.

- Patrick, C., and Zargari, A. (1996). Technology at the Core of College Curriculum. Presented at the 11th National STS Meeting and Technological Literacy Conference. Arlington, VA.
- Grise, W. R. and Zargari, A. (1996). Finite Element Analysis of High-Voltage Stator Windings. Presented at the 1996 Annual Convention of Electrical Manufacturing & Coil Winding Association, Inc, Chicago, IL.
- Coddington, C.E. and Zargari, A. (1996). Applied Technical Research in Industrial Technology. Presented at the 1996 Annual Convention of the National Association of Industrial Technology, Los Angeles, CA.
- Zargari, A. (1996). Partnership between Vocational Institutions and Welfare Programs. Presented at the 1996 Annual Convention of the American Vocational Association, Cincinnati, OH.
- Zargari, A. (1996). A Doctor of Philosophy Program in Industrial Technology. Presented at the 1996 Annual Convention of the National Association of Industrial Technology, Los Angeles, CA.
- Zargari, A. (1996). The Objectives of Technology Education. Presented at the 1996 Southeastern Technology Education Conference, Norfolk, VA.
- Zargari, A., and Patrick, C. (1996). The Objectives of Technology Education. Presented at the 40th Annual Conference of Kentucky Applied Technology Education Association (KATEA), Lexington, KY.
- Zargari, A., and Grise', W. R. (1996). Putting Instructional Theory into Practice: Design, Implementation, and Evaluation of an Industrial Supervision Course. Presented at the Second Annual Conference on Improving Instruction, Hazard Community College, Hazard, KY.
- Grise', W. R., Zargari, A. (1996). Technical Education in the Appalachian Region: The Math Connection. Presented at the Second Annual Conference on Improving Instruction, Hazard Community College, Hazard, KY.
- Zargari, A. (1995). Technology as a general education course. Presented at the 39th Annual Conference of Kentucky Applied Technology Education Association. Lexington, KY.
- Zargari, A., Coddington, C. E. (1995). Identification of Basic Skills Needs of Welfare Recipients. Presented at the 1995 Conference of Kentucky Vocational Education, Louisville, Kentucky.
- Coddington, C. E., Zargari, A. (1995). Technology Education: A Course of Study for All Learners. Presented at the 1995 Conference of Kentucky Vocational Education, Louisville, Kentucky.
- Zargari, A., Waggoner, T. (1994). Graduate Curriculum in Industrial Technology. Presented at the 1994 convention of the National Association of Industrial Technology, St. Louis, Missouri.
- Zargari, A. (1994). The Delphi technique: A Doctor of Philosophy Program in Industrial Technology Through the Eyes of Leading Educators. Presented at the 1994 Convention of the National Association of Industrial Technology, St. Louis, Missouri.
- Waggoner, T., Zargari, and Sinn, J. (1994). Automating a technology course for liberal education offering. Paper presented at the Ninth National Meeting of the National Association for Science, Technology and Society (NASTS), Arlington, VA.

TECHNOLOGY WORKSHOPS:

- National Association of Industrial Technology Accreditation Visiting Team Chair Workshop. 2004 NAIT Conference, Louisville, KY. (October, 2004).
- National Association of Industrial Technology Accreditation Visiting Team Membership Workshop. 2002 NAIT Conference, Panama City, FL. (November, 2002).
- Implementing Windows 2000 Network Infrastructure. New Horizon, Lexington, KY (June, 2001).
- Network Plus Certification. New Horizon, Lexington, KY (August, 2001).
- Implementing Windows 2000 Professional and Advanced Server. New Horizon, Lexington, KY (September, 2001).
- NSF/Midwest Center for Advanced Technology Education (MCATE) 1999 Workshop on Integrating Quality into the Classroom. Purdue University (February 26-28, 1999), West Lafayette, IN. (Earned 2.4 CEUs from Purdue University).
- NSF/Midwest Center for Advanced Technology Education (MCATE) 1999 Workshop on Introduction to 2.5 Featured Based CAD/CAM (August, 1999). Triton Community College, River Grove, IL (Earned 2.4 CEU's from Purdue University).
- NSF Sponsored workshop on Workcell Simulation at Sinclair Community College, Dayton, OH (June 13-18, 1999).
- Networking Essentials workshop at New Horizons' Microsoft Certified Technical Education Center, Lexington, KY (July 28 - 30, 1999).
- Distance Learning Faculty Workshop offered by the University's Office of Distance Learning in May 10-14, 1999
- Asheville Institute on General Education. Participated as a team member at the 1998 Institute (one week).
- DOE - PC IV Software Training in Tucson, AZ (2 days, 1998).
- 1998 Networking and Data Communication Workshop in Cincinnati, OH (1.5 CEUs).
- NSF/Midwest Center for Advanced Technology Education (MCATE) 1998 Workshop on CNC Machine Tool in River Grove, IL (3.2 CEUs from Purdue University)
- NSF/MCATE 1998 Workshop on Robotics Technology at Purdue University, IN. (2.4 CEUs from Purdue University).
- NSF/MCATE Workshop on Tools and Techniques of Maximizing Your Instructional Presentation at Macomb Community College: Warren, MI (1997)
- NSF/MCATE Workshop on the Art and Technology of Teaching Technology at Elgin Community College: Elgin, IL (1997).
- NSF/MCATE Workshop on PLCs at Vincennes University: Vincennes, IN (1997).
- NSF/MCATE CAD/CAM at Cincinnati State Technical and Community College: Cincinnati, OH (1997).
- NSF/MCATE Visual Basic at Purdue University: Lafayette, IN (1997).