

December 17, 2012

Provost Search Committee  
Texas A&M University-Commerce  
Commerce, TX 75429

Dear members of the search committee:

Please accept this letter, the attached curriculum vitae, and list of references as my application for the position of Provost and Vice President for Academic Affairs at Texas A&M University Commerce.

I am impressed with Texas A&M University-Commerce's accomplishments as a high quality public university. A mission focused on providing *a personal educational experience for a diverse community of life-long learners* demonstrates A&M-Commerce's commitment to the transformative power of education for those who seek to sustain and advance the communities in which they live. As Provost I would work with the faculty, staff, and appropriate constituent groups in positioning A&M-Commerce as a university of first choice for students in northeastern Texas – and a university of first choice for companies and agencies in Texas that seek the *talent* with the requisite knowledge and skills to strengthen the economy.

I believe that leading universities are communities of scholars, learning communities if you will, wherein all efforts focus on learning; student learning, faculty learning, staff learning, constituent group learning, and so forth. Teaching and research/creative activity are interdependent and balanced in learning communities. This balance and interdependence helps assure that faculty members stay current in their respective fields – which enhances learning while adding to the knowledge base in the disciplines.

In a learning community the Provost should be designated as the Chief Learning Officer, engaging the faculty as teacher-scholars to assure that learning takes place. My track record includes fostering environments in which faculty members strengthened learning and teaching, and increased their involvement in research, scholarship, and creative activities. Should I become the new Provost I will be a strong advocate for learning, and I will leverage my expertise to deliver academic programs aligned with A&M-Commerce's experiential learning mission, enhance resources through grants and fund raising, forge alliances with corporations and agencies, and promote and strengthen the position of A&M-Commerce in Texas, the southwest, and the global community.

The following paragraphs highlight some of my experiences and accomplishments that pertain to my application.

*Perspective.* My perspective as an academic leader is enhanced by serving as a faculty member and administrator in several types of colleges (e.g., education, technology, business, engineering, professional studies). My administrative experience also includes supervising

faculty in a diverse array of disciplines (e.g., management, accounting, technology, economics, teacher education, family and consumer sciences, computer science, agriculture, engineering, industrial design and animation, etc.) and supervising a diverse array of degree programs (e.g., BS, BA, BFA, BB programs; MS, MEd, MA, MBA, EdD and PhD programs). My teaching experience includes teaching general education courses, professional education courses, and supervising student teachers and interns. I have taught and advised masters and doctoral students, and have directed thesis and dissertation research. My experience includes working at regional state universities, a highly selective private university, and R-1 land-grant universities. Experience and perspective, coupled with a collaborative leadership style, will allow me to be an effective Provost at A&M-Commerce.

*Involving Undergraduate Students in Research.* I truly enjoy working with students, both in and out of the classroom. I am committed to engaging undergraduate students in research and creative activity with faculty mentors. While at BYU the administration promoted “student mentored learning” wherein the goal was to have all undergraduate students involved in research, publication, and/or creative activity with faculty mentors at least once in their undergraduate education. The electric vehicle team that Perry Carter and I sponsored was the “poster child” for student mentored learning at BYU at that time. That is, our success in involving undergraduate students in research and publication was often cited as the example of what could happen in student mentored learning. Through our efforts undergraduate students were involved in patent applications, and they authored articles and presented papers about the electric vehicle technologies they were developing in the lab and testing on the race track.

*Program Development.* Additional examples of my leadership abilities include successes in both new program development and program redirection. In a very hands-on manner I led the initiative to create a new BS program in Engineering for the WIU Quad Cities campus, moving the new program proposal through campus and state approval processes. Shortly after the Engineering program was approved, the Deere and the Moline foundations donated \$1,000,000 to assist in program start up. The Engineering program had its initial ABET visit last fall and received notification of full ABET accreditation in August 2012.

Under my leadership at BYU the BFA program in Industrial Design was transferred from the Department of Visual Arts to the School of Technology. The negotiations for this program and resource transfer were complex. The transfer infused new vision and resources into the Industrial Design program which significantly raised its visibility and stature on and off campus. The transfer also led to the development of a very successful interdisciplinary BFA program in Animation that involved three departments in two colleges. It should be noted that offering BFA degrees through a school of technology is unique, and led to strengthened alliances with corporations like General Motors and entertainment companies like Pixar.

*Diversity.* My commitment to diversity and equal opportunity is evidenced by: recruiting and employing minority and women faculty; appointing a Chief Diversity Officer in the College of Business and Technology at WIU; personally visiting HBCU’s to recruit graduate students; presenting papers and authoring articles on cultural diversity and gender equity; advocating for

accessibility and serving students with special needs on campus and through publications and presentations; and working with the Navajo Nation as a consultant in developing strategic plans for the education of Native Americans who reside on the Navajo Reservation.

In summary, I have a passion for learning and as an academic leader I have knowledge of and successful experience with:

- Strategic plan development and execution.
- Leading the transition to higher expectations for faculty research and creative activity.
- Involving undergraduate students in faculty research and creative activities.
- Expanding my unit's involvement in delivering general education.
- Budget development and resource allocation.
- Leading effective organizational change and administrative reorganization efforts.
- Program review, development, improvement, and redirection when necessary.
- Program accreditation.
- Enrollment management and attracting high quality students.
- Fund raising and resource enhancement.
- Securing grants and contracts.
- Expanding diversity of faculty, staff and students.
- Fostering corporate alliances and outreach.
- Expanding distance education offerings.
- Strengthening programs at branch campuses.

The opportunity to serve as Provost and Vice President for Academic Affairs at Texas A&M University-Commerce will be exciting, challenging, and professionally rewarding. Thank you for considering my application. If you need further information, please contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Thomas Erikson". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Thomas L. Erikson, Dean and Professor  
College of Business and Technology  
Western Illinois University  
Macomb, IL 61455

# Curriculum Vitae

## Thomas L. Erikson

Dean, College of Business and Technology  
Western Illinois University  
Macomb, IL 61455  
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### Home Address:

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## Professional Experience

### Dean and Professor

June 2006 -- Present

College of Business and Technology  
Western Illinois University, Macomb, Illinois

Academic leader for the College of Business and Technology at WIU, a comprehensive university with a traditional residential campus in Macomb, IL and an upper division, urban campus in the Quad Cities (Moline, IL). The College includes four departments: Accounting and Finance, Economics and Decision Sciences, Engineering Technology, and Management and Marketing, and three schools: the School of Agriculture, the School of Computer Sciences, and the School of Engineering. The business and accounting programs are AACSB accredited and the Engineering program is ABET accredited. The College has 126 full-time faculty members (20 faculty are resident at the Quad Cities campus) who are represented by the University Professionals of Illinois in collective bargaining.

- Personally led the initiative to create a new BS program in Engineering as a new signature program for the WIU Quad Cities campus, including conducting background research, coordinating the feasibility study, establishing an advisory board, developing the curriculum and moving it through the campus approval processes to the WIU Board of Trustees, and to Illinois Board of Higher Education for final approval. The Engineering program was operational August 2009, had its first graduates May 2011, the ABET accreditation campus visit November 2011, and notification of full ABET accreditation in August 2012.
- Assisted in acquiring \$1,000,000 cash donation for the new Engineering program from the Deere Foundation and the Moline Foundation, February 25, 2009.
- Undertook a very successful organizational change effort in the College to foster interdisciplinary connections and strengthen academic programs while addressing budget reductions. The reorganization, moving from nine departments to three schools and four departments, met the budget reduction goals and was accomplished with no program eliminations, no change in teaching load or class size, and no layoffs.
- Led the AACSB reaffirmation process for WIU with the campus visit taking place in January 2010. Served as a member of AACSB accreditation visiting teams March 2009, January 2011, October 2011, September 2012, and am scheduled to serve on two additional AACSB visiting teams in 2013 and 2014.
- Designed a professional development program to “grow our own” Accounting faculty by providing financial support for doctoral study. This program is open to instructors who want to earn doctorates and become tenure track faculty. Raised \$75,000 from a donor to provide \$25,000 per year for three years of doctoral study. The first candidate is half way through her doctoral program at Kennesaw State University.
- Appointed a Chief Diversity Officer in the College of Business and Technology, and personally visited HBCU’s to recruit minority graduate students.
- Fiscal agent for the Quad Cities Manufacturing Lab, a Department of Defense research lab housed at the Rock Island Arsenal with focus on developing expertise and new manufacturing processes with titanium and with light weight composites.
- Member of the Advisory Board and the Technical Committee for the Midwest Intellectual Property Institute (IP Institute), a Quad Cities regional economic development initiative that links WIU, private sector corporations, and local/regional governments and economic development agencies in symbiotic alliance for innovation and technology development, and technology transfer.

- Strengthened the Supply Chain Management (SCM) program, designating it as a “signature” program for WIU, adding faculty, and strengthening the SCM corporate alliances with the John Deere, Caterpillar, ADM, State Farm Insurance, FedEx, Walmart, and Monsanto.
- Facilitated several successful FIPSE international education grants that resulted in partnerships with universities in Mexico, Canada, France, and Sweden.
- Significantly increased the number of distance learning/online classes delivered by the College.
- Facilitated the development of integrated bachelors/masters programs in Computer Science, Accounting, Economics, and the MBA.
- Organizer and facilitator for the 21<sup>st</sup> Century Leaders Institute, a three-day new faculty, emerging leaders seminar in Washington, DC, with focus on federal education policy, NSF funding opportunities, NRC/NAE research, and professional societies (2006, 2007, 2008, 2010).

### **Founding Director and Professor**

**August 1998 -- May 2006**

School of Technology  
Fulton College of Engineering and Technology  
Brigham Young University, Provo, Utah

As the Founding Director of the School of Technology at BYU I led the merger of two departments into a very effective School, and provided leadership for the development of a strategic plan for the School. The School included BS programs in Construction Management, Information Technology, Manufacturing Engineering Technology, Facilities Management, and Technology and Engineering Education, and a BFA program in Industrial Design, and an interdisciplinary BFA program in Animation offered jointly with the fine arts college. At the graduate level the School offers the Master of Science in Technology.

- As a result of the strategic plan, the School doubled the number of majors from 1998 to 2006 (600 to 1,200 majors) and doubled the annual number of graduates (139 to 275); significantly increased the faculty publication rate and percentage of faculty involved in publishing; and redesigned several degree programs and reallocated faculty positions, space and other resources based on the plan.
- Raised \$1,068,000 in cash donations from students, alumni, and corporations through the students helping students/matching fund campaign, 2002-2006.
- Directly involved in friendship building with the individual who ranked 35<sup>th</sup> in *Business Week's* 2006 list of the top 50 philanthropists in the United States. My involvement included assisting in planning and executing the first campus visit, resulting in his first donations that were used to acquire a supercomputer and build a virtual reality lab and screening room for the Industrial Design and Animation programs.
- Authored a successful \$10 million grant proposal to the National Science Foundation to establish the National Center for Engineering and Technology Education (NCETE), a center for learning and teaching that focused on building capacity to infuse engineering design and analytical methods into K-12 schools through technology education. The project was funded for five years (2004-2009), included nine university partners, and I served as co-director for NCETE 2004-2006.
- Acquired \$1,000,000 from the Abell Family Foundation to establish and operate the Manufacturing Leadership Forum, a center designed to connect engineering technology with the Business School, to foster corporate alliances, and to strengthen internship opportunities for students, including international internships.
- Acquired (through a very complex program transfer from the Visual Arts Department) the BFA in Industrial Design and facilitated the development of an interdisciplinary BFA degree in Animation.
- Developed alliances with PhD granting universities (Colorado State, Arizona State, and Gonzaga) to “grow our own” doctoral faculty. New faculty hires and two tenured faculty members took advantage of this professional development program, increasing the percentage of doctoral faculty from 60% in 1998 to 85% (and 3 ABD's) in 2006.
- Significantly increased the School's involvement in teaching general education courses.

- Co-advisor, BYU Electric Vehicle Racing Team, an innovative student-mentored learning/ undergraduate research initiative which produced several undergraduate student authored and co-authored papers and articles, patent applications, and record setting electric race cars.
- Facilitated the transformation of the Electronics Engineering Technology (EET) into a new program in Information Technology (IT) and helped launch new ABET accreditation guidelines for IT programs.
- Worked with six different program accreditation agencies in successful reaccreditations of programs in the School (TAC-ABET, CAC-ABET, ACCE, NASAD, NCATE, and IFMA).

### **Dean and Professor**

**August 1991 -- August 1998**

College of Technology

Bowling Green State University, Bowling Green, Ohio

The College included bachelors degree programs in architectural design, aviation, construction management, electronics and computer technology, manufacturing technology, mechanical design, and technology education; a bachelors degree completion program in advanced technology education; and two master's degree programs. The college operated an extensive cooperative education program and had alliances with several corporations.

- Led a visioning effort that resulted in a very ambitious five–year plan for the growth of the College, resulting in a very powerful shared vision. The College met its five year growth goals in four years by implementing the plan.
- Established a strategic corporate alliance between the College of Technology and the Lincoln Electric Company, Cleveland, Ohio, for development and demonstration of ultra high efficient induction motors, educational programs and employee training, cooperative education placements, and international efforts. The alliance provided BGSU with \$525,000 from Lincoln Electric over a five year period. This alliance led to a \$1,000,000 grant from NASA to further develop a hybrid-electric drive system for light delivery trucks.
- Developed an alliance with IBEW Local #8, Toledo, OH, and the Ohio/Michigan Chapter of the National Electrical Contractors Association (NECA) resulting in \$30,000 to support of student electric vehicle racing projects and to promote the development of electric vehicles.
- Re-designed the Advanced Technology Education (ATE) program for adult learners who hold Associate degrees in technical fields, and in developing the systems to deliver the program via distance technologies. Sue Crawford, then dean of Continuing Education, and I negotiated for funds to acquire BGSU’s first V-Tel system to deliver ATE courses to adult learners at Terra Community College. Since that time, the program was selected by the state to receive over \$300,000 to create a fully on-line degree completion program. This program has become the lead online program at BGSU.
- Chair of the Non-Academic Functions Committee at Bowling Green State University April 1993 - August 1994. The 29 member Committee was charged with reviewing all non-faculty positions and functions at BGSU, and developing a blueprint for the future of these support functions. I was the major author for the final report entitled *The First Steps in Positioning the Administrative and Support Functions at Bowling Green State University for the 21st Century*.
- Recruited and employed minority and women faculty.
- Personally visited HBCU’s to recruit minority graduate students.
- Strengthened the cooperative education program in the College through a U.S. Department of Education grant.
- Worked collaboratively with BGSU’s Firelands campus, a two-year branch campus near Sandusky, OH, to deliver bachelor degree programs at Firelands.
- Member of a nine university alliance of deans of colleges of technology that conceptualized, developed, and established the Consortium PhD in Technology Management in 1998. The Consortium PhD continues with five university partners (BGSU, NC A&T, East Carolina, Central Missouri, and Indiana State).

- Led a successful NAIT (now ATMAE) re-accreditation effort. At the exit interview the NAIT visiting team told the BGSU Provost that they had never observed a College with the faculty, staff, and students as unified in direction and with the high morale that they found in the College of Technology at BGSU. Facilitated the initial ACCE accreditation effort for the Construction Management program.
- Developed BS degree completion programs that were delivered in Ford and GM facilities for their employees (Lima and Sandusky, OH).

### **Chair and Professor**

**July 1989 -- July 1991**

Department of Industrial, Technological and Occupational Education  
College of Education  
University of Maryland, College Park, Maryland

Provided leadership for a department with comprehensive vocational teacher education and industrial technology programs at the bachelor's, master's, and doctoral levels.

- Led a strategic planning effort for the Department.
- Recruited and employed minority and women faculty (three faculty hired include a male Hispanic, a female, and a white male).
- Trustee and Member, Technology Education Commission, charged with the development of a philosophical foundation and conceptual framework for Technology Education, February 1989 - April 1990. Funding provided by the Technical Foundation of America.
- Received the *Distinguished Technology Educator* designation by the International Technology Education Association, April, 1990.
- Consultant to the U. S. Department of Education for the development of the Rules and Regulations for the Carl D. Perkins Vocational and Applied Technology Education Act of 1990, June, 1990-December 1990. Final report published in the Federal Register.
- Consultant to the United Brotherhood of Carpenters and Joiners of America for apprentice instructor training.

### **Program Chair and Associate Professor**

**June 1986 -- July 1989**

Technology Teacher Education Program  
Department of Vocational and Technical Education  
College of Education  
University of Illinois, Champaign, Illinois

Provided leadership for the industrial education program and coordinated the vocational education administrator certification program, and taught and advised students at the bachelor's, master's, and doctoral levels.

- Recruited and advised doctoral students, and developed a proposal for an innovative program to prepare technology teachers.
- Strategic Planning Facilitator for Post-Secondary and Vocational Education, Education Summit Conference 2000, Navajo Nation Education Division, Window Rock, Arizona, March 1989.
- Invited Participant, *Wingspread Conference on Improving Rural Science, Mathematics, and Technology Education*, Sponsored by the Triangle Coalition for Science and Technology Education, July 18-20, 1988.
- Proposed, planned and conducted Technology Education Symposium XI, titled *Technology Education: An Interdisciplinary Endeavor*.
- Recognized as an *Outstanding Young Technology Educator* by the International Technology Education Association, March, 1986.

- Liaison between the University of Illinois and the Illinois State Board of Education, Department of Adult, Vocational and Technical Education.

**Department Head and Associate Professor**

**August 1984 -- June 1986**

Department of Vocational Education  
College of Education  
University of Wyoming, Laramie, Wyoming

Provided leadership for a department with comprehensive vocational teacher education and industrial technology programs with programs at the bachelor's, master's, and doctoral levels.

- Led the effort for the department to become a member of the University Council for Career and Technical Education, an association of PhD granting departments designed to improve graduate programs and research.
- Collaborative working alliance with the Wyoming Department of Education to deliver professional development programs for vocational education teachers in Wyoming.
- Collaborated in a grant proposal with educators at the Wind River Reservation to improve education for Native Americans on the reservation.
- Collaborated with the U.S. Department of Labor and the Wyoming Department of Education to develop and deliver a summer institute to improve teaching and instructional skills for apprenticeship instructors and training directors.
- Served as a member of the Coalition for Academic Success, a university committee assembled to identify effective strategies to recruit and retain students, with an emphasis on retention. The focus on "academic success" provided a clear vision for the activities of the coalition.

**Assistant Professor and Coordinator**

**August 1977 -- August 1984**

Coordinator, Office for Vocational, Technical and Career Education (75% time 1981-1984)  
Assistant Professor, Special Education (100% time 1980-1981; 25% time 1981-1984)  
College of Education  
Assistant Professor, Industry and Technology (100% time 1977-1980)  
College of Professional Studies  
Northern Illinois University, DeKalb, Illinois

Coordinator responsibilities included operating a grant-funded vocational education research and development office which included coordinating several professional development activities for faculty. Teaching responsibilities included teaching methods and curriculum development courses, vocational programming for the handicapped, and supervising student teachers.

- Major role in establishing the Education for Technology Employment initiative in Illinois in the amount of \$1,000,000 (first year appropriation) to revitalize curriculum and staff development for vocational education to effectively prepare students for high technology employment. Role included testimony before the Illinois State Board of Education, legislative contacts to assure appropriations in a year when no new programs were to be funded, and directing a technical assistance project as part of the initiative. January, 1983 - August, 1984.
- Liaison between Northern Illinois University and the Illinois State Board of Education, Department of Adult, Vocational and Technical Education.
- Mentored several faculty members with regards to grant proposal writing and funded project management.
- Invited Panelist, Speaker Madigan's Conference on Educational Reform, Springfield, IL. Paper entitled: *Strengthening Curriculum Guidelines and Academic Standards in Elementary, Secondary and Higher Education*. March 3, 1984. (Illinois House of Representatives).
- Proposed, planned and conducted Technology Education Symposium VI.



## Education

- Ed.D.** University of Illinois, Urbana-Champaign, Illinois. 1979. Major: Vocational and Technical Education; Cognate: Special Education. E.P.D.A. Leadership Fellow.
- M.Ed.** University of Illinois, Urbana-Champaign, Illinois. 1975. . Major: Vocational and Technical Education; Cognate: Educational Leadership. E.P.D.A. Leadership Fellow.
- B.S.** Northern Illinois University. DeKalb, Illinois. 1974. Major: Industrial Education.

## Professional Consultantships

- Evaluation Consultant, Indiana State University, Terre Haute, IN, 2012-2014. Third party evaluator for the *Advancing Diagnostic Skills Training in the Undergraduate Technology and Engineering Curriculum* project, a TUES project funded by the National Science Foundation to develop and field test educational software to teach undergraduate technology and engineering students' diagnostic skills necessary to identify and solve problems in complex technical systems. The project includes a strong focus on attracting previously underrepresented students to the engineering/engineering technology field.
- Evaluation Consultant, Black Hawk Community College, Moline, IL, 2009-2010. Third party evaluator for the *Innovations in Engineering Technology Education* project, an Advanced Technological Education project funded by the National Science Foundation to develop high interest learning modules and a sustainable energy systems/calculator interactive CD, and web-based tools for recruiting students to technical education programs.
- Consultant to the U. S. Department of Education, Office of Vocational and Adult Education, for the development of the Rules and Regulations for the Carl D. Perkins Vocational and Applied Technology Education Act of 1990. Assisted in the identification of regulatory issues, prepared draft policy papers on the issues, attended four regional hearings, synthesized input from the field on regulatory issues, and authored the final report, *Regulatory issues for the Carl D. Perkins vocational and applied technology education act of 1990: Analysis and synthesis of comment from regional conferences*. June, 1990-December 1990.
- Consultant to the United Brotherhood of Carpenters and Joiners of America, Washington, DC, to provide advice regarding effective apprentice instructor training, 1989-1990.
- Navajo Nation Education System, Education Summit Conference 2000, Window Rock, Arizona. March, 1989. Strategic planning facilitator for the development of the post-secondary/community college and vocational education components of a strategic plan for improving Navajo education.
- Marketing Training Division, Caterpillar, Inc., East Peoria, IL. September, 1988 - June, 1989. Developed and delivered a Train-the-Trainer seminar designed to improve technical training skills for Caterpillar dealership training personnel and developed a professional development program for Caterpillar, Inc. Marketing Training Division training personnel.
- Boys Town, Nebraska, January, 1987. Curriculum consultant for the development of revised industrial and vocational education programs at Boys Town High School and Father Flannigan High School.
- University of Hawaii Community College System, Honolulu, Hawaii, January, 1987. Strategic planning consultant in vocational and technical education assisting in the development of a long-range curriculum plan.
- University of Hawaii at Manoa, College of Education, Hawaii, November, 1986. Outside evaluator for vocational teacher education programs.
- Northwest Suburban Vocational Education Cooperative, Arlington Heights, Illinois, 1982-1983. Conducted comprehensive data-based study including labor market demand, program offerings, facilities evaluation, and student career interest as the baseline document for the creation of this vocational education cooperative composed of Harper Community College, High School District 211 (Palatine), High School District 214 (Arlington Heights), and Barrington School District.

## Publications

### Books:

- Custer, R. L. & Erikson, T. L., Eds. (2008). *Engineering and technology education*. Mission Hills, CA: Glencoe/McGraw-Hill. (Council on Technology Teacher Education, Yearbook #57.)
- Erikson, T. L., & Diaber, R. (1991). *Manufacturing technology: Today and tomorrow*. Mission Hills, CA: Glencoe/McGraw-Hill. 446 pp.
- Stitt, B. A., Erikson, T. L., Hofstrand, R. K., Loepp, F. L., Minor, C. W., Perreault, H. R., & Savage, J. G. (1988). *Building gender fairness in schools*. Carbondale, IL: Southern Illinois Press.
- Erikson, T. L. & Rotatori, A. F. (1986). *Accessibility to employment and training for the physically handicapped*. Springfield, IL: Charles Thomas Co.

### Book Chapters:

- Erikson, T. L. & Custer, R. L. (2008). *Conceptual foundations: Engineering and technology education*. Chapter in Custer, R. L. & Erikson, T. L., Eds. *Engineering and technology education*. Mission Hills, CA: Glencoe/McGraw-Hill Publishers (Council on Technology Teacher Education, Yearbook #57).
- Custer, R. L. & Erikson, T. L. (2008). *Engineering and technology education: Key challenges for the future*. Chapter in Custer, R. L. & Erikson, T. L., Eds. *Engineering and technology education*. Mission Hills, CA: Glencoe/McGraw-Hill Publishers (Council on Technology Teacher Education, Yearbook #57).
- Erikson, T. L. (2005). *Technological developments in the nineteenth and twentieth centuries*. Chapter in Prete, R. A. *Window of faith: Latter-day saint perspectives on world history*. Provo, UT. Religious Studies Center, Brigham Young University.
- Erikson, T. L. , & Barnes, J.(1991) *Government, private sector and labor perspectives of technological literacy*. Chapter in Dyrenfurth, M. & Kozak, M., Eds. *Technological Literacy* Mission Hills, CA: Glencoe/McGraw-Hill Publishers (Council on Technology Teacher Education, Yearbook #40).
- Erikson, T. L., Macklin, G. F., & Rotatori, A. F. *Perceptual motor assessment*. Chapter in Rotatori, A. and Fox, R. (1984). *Assessment for Regular and Special Education Teachers: A Case Study Approach*. Austin, TX: ProEd.

### Articles

(\*\* indicates refereed journal; \* indicates invited article)

- \*\* Erikson, T. L., & Shumway, S. A. (Fall, 2006). Integrating the study of technology into the curriculum: A consulting teacher model. *Journal of Technology Education*. 18, 1, 27-38.
- \* Erikson, T. L. (September, 2005). Examples of leadership: What we can learn from technology education leaders. *The Technology Teacher*. 65, 1, 27-30.
- \* Hailey, C., Erikson, T., Becker, K., & Thomas, M. (February, 2005). National center for engineering and technology education. *The Technology Teacher*. 64, 5, 10-15.
- \* Carter, P. Baxter, J, & Erikson, T. L. (April, 2004). Electric drag racing at Brigham Young University. *Earthtoys Emagazine*, <http://www.earthtoys.com/emagazine.php>.
- \*\* Erikson, T. L., & Shumway, S. A. (March, 2002). Technology education as college prep. *The Technology Teacher*. 61, 6, 10-15.
- \* Strong, A. B., & Erikson, T. L. (October, 2000). Yankee ingenuity: Still a vital tool. *Composites Fabrication*. 16, 10, 60-67.
- Carter, P. & Erikson, T. L. (Fall, 1999). Electric vehicles: Technology development through student competitions. *UTTE Journal*. 41, 1, 3-4.

- \* Erikson, T. L. (Winter/Spring, 1997). The past instructs the future. *Journal of Technology Studies*. 23, 1, 63-65.
- \* Erikson, T. L. (Winter/Spring, 1997). Overview of the change process. *Journal of Technology Studies*. 23, 1, 38-39.
- Erikson, T. L., Palumbo, A. J., & Major, J. (April, 1996). Electric vehicles: Technology, and educational opportunities. *Tech Directions*. 55, 9, 15-17.
- \*\* Erikson, T. L., & Trautman, D. K. (Summer/Fall, 1995). Cultural diversity and the professions in technology. *Journal of Technology Studies*. 21, 2, 36-42.
- Erikson, T. L., & Trautman, D. K. (Summer, 1995) Diversity or conformity? *Journal of Industrial Teacher Education*. 32,4, 92-94.
- \* Erikson, T. L., Palumbo, A. J., & Piersol, B. D. (Spring 1994). Electric vehicle development through formula lightning racing. *Journal of Industrial Technology*. 10, 2, 26-27.
- \*\* Erikson, T. L. (Spring, 1992). Technology education from the academic rationalist theoretical perspective. *Journal of Technology Education*. 3, 1, 7-16.
- \* Bell, T. P., & Erikson, T. L. (1991). Technology education: Preparing students for success in college. *Journal of Industrial Teacher Education*. 28, 4, 73-75.
- \* Bell, T., & Erikson, T. L. (April, 1991). Technology education: New purposes, new students. *School Shop/Tech Directions*. 50, 9, 21-22.
- \* Erikson, T. L., & Herschbach, D. (March, 1991). Perkins Act of 1990 has key provisions for technology education. *School Shop/Tech Directions*. 50, 8, 16-18.
- \* Erikson, T. L. (February, 1991). Teaching technology: What to do Monday morning. *TEAP Journal*. 38, 1, 28-34.
- \* Erikson, T. L., & Stough, K. (February, 1991) The Carl Perkins Act of 1990: Getting involved at state and local levels. *School Shop/Tech Directions*. 50, 7, 28-31.
- \*\* Johnson, S. D., Erikson, T. L., Dugger, W. E., & Blankenbaker, E. K. (Winter 1990). The impact of teacher education reform on pre-service industrial teacher education. *Journal of Industrial Teacher Education*. 27, 2, 29-47.
- \* Erikson, T. L. (October, 1990). Serving students with special needs. *Vocational Education Journal*. 65, 6, 65.
- \* Erikson, T. L., & Volk, K. (April, 1990) Who will teach the teachers? *School Shop/Tech Directions*. 49, 4, 30-31.
- \* Erikson, T. L., & McAlister, B. K. (February, 1990) Supply and demand for university technology faculty: An analysis of 1988-89 position vacancies and search results. *Industrial Education*. 79, 2, 16-21.
- \* Erikson, T. L. (April, 1989). The future holds promise of continuing change. *School Shop*. 48, 9, 20-21.
- \* McAlister, B. K., & Erikson, T. L. (December, 1988) Supply and demand for university faculty: Analysis of 1987-88 position vacancies and search results. *Industrial Education*. 77, 9, 7-11.
- \*\* Erikson, T. L. (Winter/Spring 1988). The teacher education reform movement: Tenets of the Holmes group. *Journal of Epsilon Pi Tau*. 24, 1, 51-55.
- \* Johnson, S. D. & Erikson, T. L., (Fall, 1988). The role of technology in vocational education reform. *Illinois Vocational Education Journal*. 44, 1, 11-15.
- \* Erikson, T. L., & Bensen, M. J. (May, 1988) Two leaders give views on changes in the field. *School Shop*. 47, 10, 26-30.
- \*\* Erikson, T. L., & Lundy, L. L. (Summer/Fall, 1987) Technology education: An untapped curriculum area for Christian schools. *Journal of Epsilon Pi Tau*. 13, 2, 24-27.

- \* Erikson, T. L. & Gloeckner, G. (December, 1987) Factors of university employment in industrial education. *Industrial Education*. 76, 9, 16-17, 46.
- \* Liedtke, J., Erikson, T. L., Householder, D., Lauda, D., Loepp, F., & Scott, M. (September, 1987) Educational reform and the classroom teacher. *Vocational Education Journal*. 52, 6, 51-52.
- Erikson, T. L. (Fall, 1987) Influencing school board members: Suggestions for technology teachers. *Illinois Industrial Educator*. 9, 1, 15-16.
- \*\* Erikson, T. L. (May, 1987) The teacher education reform movement: Implications for rural and small schools. *Thresholds in Education*. 13, 2, 17-20.
- \*\* Erikson, T. L., Minor, C. W., & Cole, K. (Fall, 1986) Getting the gifted into the world of work: Issues in career development and guidance. *Occupational Education Forum*. 15, 2, 20-29.
- \* Erikson, T. L. & Gloeckner, G. (December, 1986) Supply and demand of university faculty. *Industrial Education*. 75, 9, 8-10.
- \*\* Erikson, T. L., & Cole, K. (Summer/Fall, 1986) Gifted students: Maximizing talent and potential in industrial education. *Journal of Epsilon Pi Tau*. 12, 1, 6-12.
- \* Erikson, T. L. & Birks, K. C. (May, 1986) Supply and demand of university industrial education faculty. *Industrial Education*. 75, 5, 17-19.
- Erikson, T. L. (May 1986) Special wheelchairs improve students' access to programs. *School Shop*. 45, 10, 21-22.
- \* Scott, M. L., Buffer, J. J., Erikson, T. L., & Williams, M. J. (December 1985) Serving mildly handicapped students in technology education. *The Technology Teacher*. 45, 3, 5-9.
- \* Erikson, T. L. & Barr, L. L. (November 1985) Technology: New directions for business education. *NASSP Bulletin*. 69, 484, 24-28.
- \*\* Erikson, T. L. & Barr, L. L. (May-June 1985) Alternative credentialing: What teacher education can learn from vocational education. *Journal of Teacher Education*. 36, 3, 16-19.
- \*\* Erikson, T. L. (August 1984) Basic skills: Beyond knowledge to application. *Thresholds in Education*, 10, 3, 1-3.
- \*\* Rotatori, A. F., Erikson, T. L., Fox, R., & Costellano, J. (Summer 1984) Adherence to weight loss: A case study. *Journal of Obesity and Weight Regulation*, 3, 14-18.
- \*\* Erikson, T. L. (November 1983) Career/vocational education for the handicapped. *Thresholds in Education*, 9, 4, 1-3.
- Erikson, T. L. (Winter 1983-84) Industrial education and the applied basics. *Illinois Industrial Educator*, 5, 2, 2.
- \*\* Erikson, T. L. (Summer 1983) Accessibility to laboratory and equipment as content in industrial teacher education programs. *Journal of Industrial Teacher Education*, 20, 4, 46-51.
- \*\* Erikson, T. L. & Scarborough, J. D. (May 1983) The Illinois plan and technology education. *Thresholds in Education*, 9, 2, 31-32.
- Erikson, T. L. (Spring 1983) Behavior management in industrial education. *Illinois Industrial Educator*, 4, 3, 10-11.
- \*\* Erikson, T. L. & Cowen, S. (Winter 1983) Post-secondary educational opportunities exist for handicapped students in Illinois junior colleges. *ICEC Quarterly*, 32, 1, 14-18.
- \*\* Erikson, T. L. & Everett, R. E. (November 1983) Political action needed, but don't forget school boards. *Man/Society/Technology*, 42, 2, 8-9.
- Erikson, T. L. & Everett, R. E. (November/December 1983) Providing access to Vocational education for the physically handicapped student. *Illinois Association of School Boards Journal*, 50, 6, 14-17.

- \*\* Erikson, T. L. (Summer 1982) Access for the physically handicapped: New technology applied to vocational education. *ICEC Quarterly*, 31, 3, 30-33.
- \*\* Erikson, T. L. (May 1982) The role of education in economic development: An overview. *Thresholds in Education*, 8, 2, 1-2.
- \*\* Erikson, T. L. (Winter 1982) Access to laboratories and equipment for the physically disabled. *Journal for Vocational Special Needs Education*, 4, 2, 26-28.
- \*\* Erikson, T. L. & Brewner, M. (May 1982) Prioritizing goals for staff development: Mainstreaming in vocational education. *Thresholds in Education*, 7, 2, 13-14.
- \*\* Erikson, T. L. (November 1980) Barrier-free access: Industrial arts should be teaching it. *Man/Society/Technology*, 40, 2, 6-8.
- \*\* Erikson, T. L. (Summer 1980) A study of barrier-free access information in the curricula of architecture and construction related education programs. *The Journal of Industrial Teacher Education*, 17, 4, 11-19.
- Erikson, T. L. & Lintereur, G. E. (Winter 1980-81) Industrial teacher shortage: Options for local school boards. *Illinois Industrial Educator*, 2, 2, 8-9.
- Erikson, T. L. (Winter 1980) Special needs students in the workforce of the future: A question of access. *ACIATE Futures Bulletin*.
- Erikson, T. L. (Fall 1980) Industrial teacher shortage: What are you doing about it? *Illinois Industrial Educator*, 2, 1, 20.
- Erikson, T. L. (January 1980) For the handicapped: Identifying, removing architectural barriers. *NASSP Bulletin*, 64, 432, 102-108.

### ***Published Conference Proceedings***

(\* indicates refereed paper; \* indicates invited paper)

- \*\* Shumway, S., Berrett, J., Swapp, A, Terry, R., & Erikson, T. L. (June, 2007). *A Successful Professional Development Activity to Infuse Engineering Content for Utah 9-12 Teachers*, Proceedings of the American Society for Engineering Education, Honolulu, HI.
- \*\* Baxter, J., Carter, P. Todd, R., & Erikson, T. L. (December, 2004). *Ultracapacitor Power for a Drag Racecar*, Proceedings of the Society of Automotive Engineers, Detroit, MI.
- \*\* Erikson, T. L., & Shumway, S. A. (June, 2004). *Technology Teacher Education in Colleges of Engineering: A Strategic Link Between Engineering Technology and K-12 Schools*. Proceedings of the American Society for Engineering Education, Salt Lake City, UT.
- \*\* Helps, R. & Erikson, T. L. (November 20, 2003). *Information Technology: An Emerging Discipline in Higher Education*. Proceedings of the National Association of Industrial Technology, Nashville, TN.
- \* Erikson, T. L. (September 25, 1997) *Electric and Hybrid Electric Vehicles: New Markets for Electrical Manufacturers*. Proceedings of the Electrical Manufacturing and Coil Winding Association, Rosemont, IL.
- \* Erikson, T. L. (September 24, 1996) *Electric Vehicle Mandates: Challenges and Opportunities*. Proceedings of the Electrical Manufacturing and Coil Winding Association, Rosemont, IL.
- \*\* Erikson, T. L. (October 11, 1987). *2030 - The Role of the Technology Teacher Educator*. Proceedings of Technology Education Symposium IX, Dallas, TX.
- \*\* Erikson, T. L. (October 18, 1986) *The Center for Technological Literacy: A Response by the University of Illinois*. Proceedings of Technology Education Symposium VIII, Roanoke, VA.
- \*\* Erikson, T. L. (October 4, 1984). *Facilitating Statewide Implementation of Technology Education Programs*. Proceedings of Technology Education Symposium VI, DeKalb, IL.

## Papers Presented

(\* indicates national/international conferences)

- \* Clark, A., Reeve, E., Daugherty, M., & Erikson, T. (November 2, 2012). Southeast Technology Education Conference, Nashville, TN. Presentation entitled: *The Future of Doctoral Programs in Technology Education*.
- \* Erikson, T. L. (November 4, 2010). Mississippi Valley Technology Teacher Education Conference, Chicago, IL. Presentation entitled: *Weathering the Storm: Addressing Budget Challenges in Higher Education*.
- \* Custer, R., Daugherty, J., Erikson, T. L., Householder, D., & Myers, J. (March 18, 2010). International Technology Association Conference, Charlotte, NC. Presentation entitled: *Research and Practice for Professional Development: Infusing Engineering Content in Technology Education*.
- \* Erikson, T. L. (February 20, 2007). National Center for Engineering & Technology Education Winter Conference, Salt Lake City, UT. Presentation entitled: *Higher Education Employment: Strategies for Doctoral Student Seeking Faculty Positions*.
- Erikson, T. L. (October 4, 2006). Three Rivers Manufacturing Consortium Summit Conference, Bettendorf, IA. Presentation entitled: *Symbiotic Partnerships: Linking with Higher Education*.
- \* Erikson, T. L. (November 3, 2006). Mississippi Valley Technology Teacher Education Conference, Nashville, TN. Paper entitled: *The Role of Education to Enhance Innovation in the New Economy*.
- \* Erikson, T. L., Hailey, C., & Becker, K. (March 23, 2006). International Technology Association Conference, Baltimore, MD. Presentation entitled: *An Overview of the National Center for Engineering and Technology Education*.
- \* Erikson, T. L. & Thomas, M. (April 5, 2005). International Technology Education Association Conference, Kansas City, MO. Presentation entitled: *Infusing Engineering into Technology Education*.
- \* Erikson, T. L., Hailey, C., Becker, K., & Thomas, M. (April 4, 2005). International Technology Association Conference, Kansas City, MO. Presentation entitled: *National Center for Engineering and Technology Education*.
- \* Erikson, T. L. (April 4, 2005). International Technology Education Association Conference, Kansas City, MO, Foundation for Technology Education Breakfast. Presentation entitled: *Leadership in Technology Education*. (keynote speech).
- \* Erikson, T. L. (April 3, 2005). International Technology Education Association Conference, Kansas City, MO. Paper entitled: *The Mississippi Valley Conference: Its History and Impact*.
- Erikson, T. L. (October 15, 2004). UW-Stout Technology Education Conference, Menomonie, WI. Presentation entitled: *Engineering and Technology Education: A Symbiotic Alliance*. (keynote speech).
- \* Erikson, T. L., Karsnitz, J., Lipton, E., & Thomas, M. (March 18, 2004). International Technology Association Conference, Albuquerque, NM. Presentation entitled: *Technology Teacher Education in Engineering Colleges*.
- \* Erikson, T. L. (March 18, 2003). International Technology Education Association Conference, Nashville, TN. Presentation entitled: *A Consulting Teacher Approach to Curriculum Integration*.
- \* Erikson, T. L. (November 4, 2002). Research Frontiers in Engineering Technology Conference, Houston, TX. Paper entitled: *Defining Research, Scholarship, and Creative Activity in Technology*.
- \* Erikson, T. L., & Shumway, S. (March 13, 2002). International Technology Association Conference, Columbus, OH. Paper entitled: *Technology Education as College Prep*.
- Erikson, T. L., & Shumway, S. (January 28, 2000). UACTE/UTTE Winter Conference, Orem, UT. Presentation entitled: *Pre-Engineering Curriculum in Technology Education*.

- \* Dyrenfurth, M., Streichler, J., Custer, R., & Erikson, T. L. (November 19, 1999) National Association of Industrial Technology National Conference, Panama City, FL. Presentation entitled: *Graduate Programs: Key Dimensions Required to Ensure Our Future.*
- \* Smith, R., Shaw, R., Brauer, W., Chen, J., & Erikson, T. L. (November 19, 1999) National Association of Industrial Technology National Conference, Panama City, FL. Presentation entitled: *Tenure and Promotion in Industrial Technology.*
- \* Erikson, T. L. (November 6, 1999) Mississippi Valley Technology Teacher Education Conference, St. Louis, MO. Paper entitled: *Factors Leading to the Closure of Technology Teacher Education Programs.*
- \* Erikson, T. L. & Harden, T. K. (October 23, 1998) National Association of Industrial Technology National Conference, Indianapolis, IN. Presentation entitled: *Development of Future Administrative Leaders in Technology.*
- \* Kruppa, R. K., Erikson, T. L., Piersol, B. D., Sinn, J., Ewig, J., & Smith, K. (December 7, 1996) American Vocational Association National Convention, Cincinnati, OH. Session entitled: *Successful Strategies for Partnering with Industry.*
- Erikson, T. L. (May 17, 1996). Michigan Career and Technical Teacher Education Conference, East Lansing, MI. Presentation entitled: *Maintaining Quality Career and Technical Teacher Education Programs.* (keynote presentation)
- \* Erikson, T. L., Wood, B., Hernieter, M., & Karner, D (February 19, 1996) Electrical Apparatus Services Association National Convention, Phoenix, AZ. Paper entitled: *Electric Vehicles: Motor and Controller Technology Development through University Racing Competition.*
- \* Erikson, T. L., & Palumbo, A. J. (December 2, 1995) American Vocational Association, Technology Education Division -National Convention, Denver, CO. Session entitled: *Transportation Technology: Electric Vehicle Mandates and Technology.*
- Erikson, T. L., (January 27, 1995) Utah Technology Education Conference, Plain City, UT. Presentation entitled: *Technology: A Profession at the Threshold.* (keynote presentation)
- \* Erikson, T. L., & Trautman, D. K. (March 20, 1994) International Technology Association Conference, Kansas City, MO. Paper entitled: *Cultural Diversity and Technology.*
- \* Erikson, T. L., Lynch, R., (December 5, 1993) American Vocational Association - National Convention, Nashville, TN. Session entitled: *Future Perspectives of Vocational Teacher Education.* Paper entitled: *The Future of Vocational Teacher Education from a Regional University Perspective.*
- \* Erikson, T. L., Pucel, D., McAlister, B. K., Polette, D. L., & Gallagher, J. (April 19, 1993) International Technology Education Association Conference, Charlotte, NC. Paper entitled: *Challenges to Departments Housing Technology Teacher Education: Four Case Studies.*
- \* Erikson, T. L., Copa, G., Pucel, D., Herschbach, D., McAlister, B. K., Polette, D. L., Gallagher, J., & Miller, W. R. (December 7, 1992) American Vocational Association, Technology Education Division - National Convention, St. Louis, MO. Paper entitled: *Redesign, Retrenchment and Reallocation: Challenges to Departments Housing Technology Teacher Education.*
- \* Erikson, T. L., (November 13, 1992) Mississippi Valley Industrial Teacher Education Conference, Chicago, IL. Paper entitled: *Meeting the Needs of a Culturally Diverse Population.*
- \* Erikson, T. L., (October 29, 1992) National Association of Industrial Technology Conference, Ft. Worth, TX. Paper entitled: *Developing a World Class Faculty: Issues in Technology Faculty Supply and Demand.*
- \* Erikson, T. L., (April 23, 1992) American Education Research Association Annual Conference, San Francisco, CA. Research Symposium entitled: *Technology Education as Viewed Through the Lenses of Conflicting Curriculum Theories,* Paper entitled: *Perspectives of the Academic Rationalist.*
- Erikson, T. L., (February 21, 1992) Association of Texas Technology Educators State Conference, College Station TX. Presentation entitled: *Technology and the Liberal Arts.*

- \* Erikson, T. L., & Johnson, S. D. (February 9, 1992) National Association of Science, Technology, Society - Technological Literacy Conference #6, Alexandria, VA.. Paper entitled: *Technological Literacy Education as Viewed Through the Lenses of Conflicting Curriculum Theories.*
- \* Erikson, T. L. (October 23, 1991) Technology Education Symposium XIII, Terre Haute, IN. Paper entitled: *The Impacts of Technological Innovations on the Educational Needs of Students.*
- \* Erikson, T. L., Herschbach, D., Petrina, S., Johnson, S., & Zuga, K. (March 18, 1991) International Technology Education Association Conference, Salt Lake City, UT. Paper entitled: *Technology Education as Viewed Through the Lenses of Conflicting Curriculum Theories.*
- \* Erikson, T. L., Kozak, M. Todd, R., Scarborough, J., & Barnes, J. (February 1, 1991) National Association of Science, Technology, Society - Technological Literacy Conference #6, Washington, D. C. Paper entitled: *Perspectives of Technological Literacy.*
- \* Erikson, T. L., Edmunds, N., Davis, R., & McManus, R. (December 1, 1990) American Vocational Association National Convention, School Shop/Tech Directions Forum, Cincinnati, OH. Presentation entitled: *Cooperative Roles of Vocational and Technology Educators, Business and Industry.*
- \* Erikson, T. L., Paige, W., Dugger, J., Smith, D. & Warren, D. (December 1, 1990) American Vocational Association National Convention, NAITTE Opening General Session, Cincinnati, OH. Presentation entitled: *Perspectives of Doctoral Education.*
- \* Erikson, T. L., & Lauda, D. (December 1, 1990) American Vocational Association, Technology Education Division - National Convention, Cincinnati, OH. Presentation entitled: *Two Organizations -- Common Goals.*
- \* Erikson, T. L., & Herschbach, D. (May 19, 1990) United Brotherhood of Carpenters and Joiners of America - International Apprenticeship Training Conference, San Jose, CA. Presentation entitled: *Apprentice Instructor Training.*
- Erikson, T. L. (June 6, 1990). Career and Vocational Education Leadership Retreat, Montgomery County Public Schools, Harboretown, MD. Presentation entitled: *Integrating Academic and Vocational Education.*
- Erikson, T. L. (April 19, 1990). Western Pennsylvania Technology Education Conference, California, PA. Presentation entitled: *Teaching Technology: What to Do Monday Morning.* (Keynote Speech)
- \* Erikson, T. L., Henak, R., Smith, B., Zuga, K., Sanders, M., & Seymour, R. (April 4, 1990) International Technology Education Association Convention, Indianapolis, IN. Presentation entitled: *Publishing and Presenting: Tips for Teachers, New Faculty, and Doctoral Students.*
- Erikson, T. L. (March 30, 1990). Maryland Vocational Administrators Conference, Ocean City, MD. Presentation entitled: *Integrating Academic and Vocational Education.*
- \* Erikson, T. L. (December 2, 1989) American Vocational Association, Industrial Arts Division - National Convention, Orlando, FL. Presentation entitled: *A Direction for the 21st Century: A Strategic Plan for the Technology Education Division.*
- Erikson, T. L. (November 2, 1989) Maryland Vocational Association Conference 89, Hunt Valley, MD. Presentation entitled: *Teacher Education: Future Directions.*
- \* Erikson, T. L. (September 29, 1989) Technology Education Symposium XI, Champaign, IL. Paper entitled: *Technology Education: Interdisciplinary, Multidisciplinary, or Integrative?*
- Erikson, T. L. (May 19, 1989) United Brotherhood of Carpenters and Joiners of America - International Apprenticeship Training Conference, Toronto, Canada. Presentation entitled: *Apprentice Instructor Training.*
- \* Erikson, T. L., & Johnson, S. D. (March 1989) American Education Research Association National Convention, San Francisco, CA. Research Symposium entitled: *Conception of vocational teachers: Views through different lenses.* Paper entitled: *View through the lens of a discipline-oriented program redesign effort.*
- \* Erikson, T. L., Maley, D., & Smink, J. (March 22, 1989) International Technology Education Association Convention, Dallas, TX. Presentation entitled: *Governmental Relations Leadership Training.*



- \* Erikson, T. L. (December 5, 1988) American Vocational Association, Industrial Arts Division - National Convention, St. Louis, MO. Presentation entitled: *Issues in Reauthorization of the Perkins Act.*
- \* Johnson, S. D., Erikson, T. L., Bjorkquist, D., Blankenbaker, K., Dugger, W., LaPorte, J., Householder, D., Tom, A., & Cole, N. (December 3, 1988) American Vocational Association, Industrial Arts Division - National Convention, St. Louis, MO. Paper entitled: *The Impact of the Holmes Group on Industrial Teacher Education.*
- \* Erikson, T. L., Bensen, M. J., Betando, D. J., Glenn, J. W., Jr., Henderson, W. C., Householder, & Loepp, F. (December 3, 1988) American Vocational Association, National Association of Industrial and Technical Teacher Educators - National Convention, St. Louis, MO. Presentation entitled: *Professional Organizations Working Together: Perspectives from National Leaders.*
- Erikson, T. L., & Loepp, F. (October 26, 1988). Illinois Council of Local Administrators Conference, Normal, IL. Presentation entitled: *Math and Science Credit for Applied Basics and Technology Education.*
- Erikson, T. L. (July 26, 1988). Missouri Industrial Technology Education Association Convention, Springfield, MO. Presentation entitled: *Integrating Technology into the Curriculum.*
- Erikson, T. L. (April 22, 1988). Illinois AIASA State Convention, Mattoon, IL. Presentation entitled: *Technology Education: A Strategic Direction for the Future.* (Keynote Address).
- \* Erikson, T. L., & Johnson, P. (March 18, 1988). North Central Association of Colleges and Schools Annual Meeting, Chicago, IL. Presentation entitled: *Integrating Science and Math into Vocational Education.*
- \* Erikson, T. L., & Maley, D. (March 24, 1988). International Technology Education Association Convention, Norfolk, VA. Presentation entitled: *Technology Education Legislative Update.*
- \* Erikson, T. L., & Blankenbaker, E. K. (March 22, 1988) International Technology Education Association Convention, Norfolk, VA. Presentation entitled: *An Oral History of Industrial Education.*
- Erikson, T. L. (February 5, 1988) Missouri Industrial Technology Teacher Educators Association, Point Lookout, MO. Presentation entitled: *Factors of University Employment: A Futures Perspective.* (Keynote Speaker)
- Erikson, T. L. (January 25, 1988). Career Research Corporation's Conference on Technology Exploration, Salt Lake City, UT. Presentation entitled: *Technology Education and Career Development.* (Keynote Address)
- \* Parish, L., Drennan, J., & Erikson, T. L. (December 5, 1987) American Vocational Association, Industrial Arts Division - National Convention, Las Vegas, NV. Presentation entitled: *Teaching Special Needs Students in Technology Education Laboratories.*
- \* Erikson, T. L. (November 13, 1987). Mississippi Valley Industrial Teacher Education Conference - 74th Conference, Chicago, IL. Paper entitled: *The Tenets of the Holmes Group and Other Recommendations for the Reform of Teacher Education.*
- Erikson, T. L. (October 9, 1987). Illinois Industrial Education Association Fall Conference, Decatur, IL. Presentation entitled: *Technology Education: The Strategic Link Between General Education and Vocational Education.*
- \* Erikson, T. L., & Johnson, P. (April 13, 1987). North Central Association of Colleges and Schools Annual Meeting, Chicago, IL. Presentation entitled: *Integrating Science and Math into Vocational Education.*
- Ellis, J. R., & Erikson, T. L. (April 2, 1987). Illinois Vocational Education Personnel Development Association Conference, Springfield, IL. Paper entitled: *An Evaluation of Teaching Competence by Type of Certificate for Vocational Teachers in Illinois.*
- \* Erikson, T. L. (March 26, 1987). International Technology Education Association Convention, Tulsa, OK. Presentation entitled: *Teaching Apprenticeship Instructors to Teach Technology.*
- \* Erikson, T. L., Householder, D., Bjorkquist, D., Blankenbaker, E. K., & Dugger, W. E. (March 24, 1987) International Technology Education Association Convention, Tulsa, OK. Paper entitled: *The Implications of the Teacher Education Reform Movement on Technology Teacher Education.*

- \* Wright, J., Brauchle, P., Householder, D., Paige, W., & Erikson, T. L. (March 23, 1987) International Technology Education Association Convention, Tulsa, OK. Presentation entitled: *A Primer for Selecting Graduate Programs.*
- Erikson, T. L. (February 21, 1987) Illinois Industrial Education Association Spring Conference, Peoria, IL. Presentation entitled: *Teacher Education Reform: Implications for Industrial Teacher Education.*
- \* Erikson, T. L. (December 8, 1986). American Vocational Association, Trade & Industrial Education Division - National Convention, Dallas, TX. Paper entitled: *Age, Salary and Related Demographic Data for University Faculty in Trade and Industrial Education.*
- \* Erikson, T. L. (December 7, 1986) American Vocational Association, Industrial Arts Division - National Convention, Dallas, TX. Paper entitled: *Supply and Demand for Industrial Arts Teacher Educators.*
- Erikson, T. L. (November 17, 1986) Hawaii Vocational Association, Honolulu, HI. Presentation entitled: *The Impact of the Holmes Group Report on Vocational Teacher Education.*
- Erikson, T. L., & Glogovsky, R. (August 4, 1986). Illinois Vocational Home Economics Teachers Association - Summer conference, Oakbrook, IL. Presentation entitled: *Education for Technology Employment - Prospects for Home Economics Education.*
- Erikson, T. L. (June 9, 1986). Wyoming Vocational Association - Summer Conference, Laramie, WY. Presentation entitled: *Program Planning and Evaluation in Vocational Education.*
- \* Erikson, T. L. (April 17, 1986). American Education Research Association Annual Meeting, San Francisco, CA. Paper entitled: *Supply/Demand Projections for Industrial Teacher Education Faculty Based Upon Age Distribution and Retirement Projections.*
- \* Erikson, T. L. (April 9, 1986) National Academy for Vocational Education - National Audio Conference on Improving Vocational Teacher Education, Columbus, OH. Presentation entitled: *Financial Concerns and Human Resources for Vocational Teacher Education.*
- \* Erikson, T. L., & Birks, K. C. (March 25, 1986) International Technology Education Association Convention, Kansas City, MO. Paper entitled: *Retirement Projections for University Faculty in Industrial Education: An Upcoming Shortage of Doctoral Level Faculty.*
- Erikson, T. L. (January 18, 1986) Wyoming Vocational Association Mid-Winter Conference, Casper, WY. Presentation entitled: *The Impact of High Technology on Industrial Education.*
- \* Erikson, T. L., & Dyrenfurth, M. (December 8, 1985). American Vocational Association - National Convention, Atlanta, GA. Presentation entitled: *Implementing the Special Populations Provisions of the Perkins Act: Implications for Industrial Arts.*
- \* Erikson, T. L., & Allen, C. K. (October 24, 1985) National Association of Industrial Technology - Annual Conference, Terre Haute, IN. Paper entitled: *Retirement Projections for Industrial Technology/Education Faculty: An Impending Shortage of College Faculty.*
- Erikson, T. L. (September 27, 1985) Mountain States Industrial Arts Conference, Alta, Utah. Presentation entitled: *Recruiting University Industrial Education Faculty in a Time of Shortage.*
- Erikson, T. L., & Young, P. A. (September 19, 1985). U. S. Department of Education, Office for Civil Rights, Region VIII Vocational Education Conference, Vail, CO. Paper entitled: *Strategies for Working with Parents to Improve Equity in Vocational Education.*
- \* Erikson, T. L., & Zancanella, J. (September 10, 1985). National Academy for Vocational Education Nationwide Conference on Improving Vocational Education in Rural America, Little Rock, AK. Paper entitled: *Improving Rural Vocational Education Through University-Based Research and Development.*
- Erikson, T. L., & Young, P. A. (June 13, 1985) Wyoming Vocational Association - Summer Conference, Thermopolis, WY. Presentation entitled: *Special Populations in Vocational Education: Administering the Carl Perkins Act in Wyoming.*

- Erekson, T. L. (June 11, 1985) Wyoming Vocational Association - Summer Conference, Thermopolis, WY. Presentation entitled: *Energy Conservation/Energy Utilization Curricula for Industrial Education Programs in Wyoming.*
- Erekson, T. L., & Young, P. A. (June 10, 1985) Wyoming Vocational Association - Summer Conference, Thermopolis, WY. Presentation entitled: *Parents as Partners in Reducing Sex-Role Stereotyping in Vocational Education.*
- Erekson, T. L. (April 18, 1985) Wyoming Business Education Association - Spring Conference, Casper, WY. Presentation entitled: *Education and Work in the 1990's.*
- \* Erekson, T. L. (December 2, 1984). American Vocational Association - National Convention, New Orleans, LA. Presentation entitled: *Political Strategies for Industrial Education.*
- \* Erekson, T. L., & Scarborough, J. D. (December 2, 1984) American Vocational Association - National Convention, New Orleans, LA. Presentation entitled: *Education for Technology Employment.*
- Erekson, T. L., & Scarborough, J. D. (August 8, 1984) Illinois Vocational Association- Annual Convention, Springfield, IL. Presentation entitled: *Education for Technology Employment - A New Curriculum Initiative.*
- \* Erekson, T. L., Hofstrand, R., & Anderson, M. A. (June 12, 1984) Mid-America Conference on Competency Based Education, Arlington Heights, IL. Presentation entitled: *Implementing Competency Based Vocational Teacher Education Programs.*
- \* Erekson, T. L., & Glogovsky, R. (June 11, 1984) Mid-America Conference on Competency Based Education, Arlington Heights, IL. Presentation entitled: *Competency Based High Tech Curriculum--The Illinois Approach.*
- Erekson, T. L. (April 10, 1984). Illinois Council of Local Administrators Conference, Springfield, IL. Presentation entitled: *Articulation in Vocational Education: 2 + 2 Programs that Work.*
- \* Scarborough, J., & Erekson, T. (March 27, 1984) American Industrial Arts Association - National Convention, Columbus, OH. Presentation entitled: *Implementing Technology Education K-Adult.*
- Erekson, T. L. (March 3, 1984). Speaker Madigan's Conference on Educational Reform, Springfield, IL. Presentation entitled: *Strengthening Curriculum Guidelines and Academic Standards in Elementary, Secondary and Higher Education.* (Illinois House of Representatives).
- Erekson, T. L. (March 1, 1984) Illinois Community Education Annual Convention, Springfield, IL. Presentation entitled: *High Tech, High Touch, and Education.* (Keynote speaker)
- \* Erekson, T. L. (December 4, 1983) American Vocational Association - National Convention, Anaheim, California. (NAITTE) Paper entitled: *A Guide to Publishing in Vocational and Technical Education.*
- Erekson, T. L., & Sampson, W. (November 20, 1983). Illinois Association of School Boards Annual Convention, Chicago, Illinois. Presentation entitled: *New Technology and the School Curriculum.*
- Erekson, T. L. (November 19, 1983). Illinois Association of School Boards Annual Convention, Chicago, Illinois. Presentation entitled: *Education/Industry Partnerships.*
- \* Erekson, T. L., & Nauman, R. (October 21, 1983) International Conference on the Career Development of Handicapped Individuals, Rosemont, Illinois. Paper entitled: *Teaching About Handicapism in Vocational Education.*
- Erekson, T. L. (August 16, 1983). Illinois Vocational Association - Annual Convention, Springfield, Illinois. Presentation entitled: *Giving Expert Testimony at Legislative Hearings.*
- \* Erekson, T. L. (April 25, 1983). National School Boards Association - Annual Convention, San Francisco, California. Presentation entitled: *Political Smarts for School Boards.* (invited panelist).
- Erekson, T. L. (April 22, 1983) Southern Illinois University Conference on Training the Handicapped for Employment, Carbondale, Illinois. Keynote presentation entitled: *Training, Employment and the Handicapped.*

- Erekson, T. L. (February 17, 1983) Western Illinois University Faculty Development Seminar, Macomb, Illinois. Presentation entitled: *How to Write Winning Grant Proposals*.
- \* Erekson, T. L., Everett, R., Seamon, H., & Page, R. (December 4, 1982). American Vocational Association - National Convention, Industrial Arts Division, St. Louis, Missouri. Opening general session. Presentation entitled: *Increasing the Dialogue Between School Boards and Industrial Arts Educators*.
- Erekson, T. L., Galloway, J., & Lund, D. (November 21, 1982). Illinois Association of School Boards Annual Convention, Chicago, Illinois. Presentation entitled: *Economic Development - Getting Involved Through Vocational Education*.
- Erekson, T. L., & Humm, W. (November 20, 1982). Illinois Association of School Boards Annual Convention, Chicago, Illinois. Paper entitled: *An Analysis of the High School and Beyond Study - Policy Implications for Local School Boards*.
- Erekson, T. L., & Everett, R. (October 14, 1982) Illinois Council of Local Administrators Fall Conference, Springfield, Illinois. Presentation entitled: *Economic Development: Who Are the Players and How to Get Involved*.
- Erekson, T. L. (June 23, 1982) Educating and Employing the Disabled Conference, Oakton Community College, Des Plains, Illinois. Presentation entitled: *Overcoming Attitudinal and Architectural Barriers to Successful Education and Employment of the Disabled*.
- Erekson, T. L. (May 1, 1982). Northern Illinois Education/Economic Development Symposium, DeKalb, Illinois. Presentation entitled: *The Role of Public Education in Economic Development - A School Board Perspective*.
- \* Erekson, T. L. (April 13, 1982) Council for Exceptional Children National Convention, Division of Physically Handicapped, Houston, Texas. Paper entitled: *Access to Vocational Education for the Physically Handicapped*.
- Erekson, T. L. (March 4, 1982) Illinois Division of Career and Vocational Development, Illinois Council for Exceptional Children - First Annual Intra-State Conference, Rosemont, Illinois. Paper entitled: *Access for the Handicapped: New Technology Applied to Vocational Education*.
- Erekson, T. L. (February 18, 1982) Illinois Vocational Association - Annual Convention, Arlington Heights, Illinois. Presentation entitled: *Overcome Architectural Barriers for the Handicapped in Vocational Education*.
- \* Erekson, T. L., & White, C. L. (December 7, 1981) American Vocational Association- National Convention, Industrial Arts Division, Atlanta, Georgia. Presentation entitled: *Access for the Handicapped - New Technology Applied to Industrial Arts*.
- \* Erekson, T. L., Smith, T. R., & Lutz, R. (December 5, 1981) American Vocational Association- National Convention, Industrial Arts Division, Atlanta, Georgia. Presentation entitled: *Gifted and Talented Students in Industrial Arts*.
- \* Rotatori, T., & Erekson, T. L. (November 20, 1981) International Conference on the Career Development of Handicapped Individuals, Dallas, Texas. Presentation entitled: *Weight Control and Employment: Teaching Weight Loss Procedures to the Mentally Retarded*.
- Erekson, T. L. (October 17, 1981) Illinois Council for Exceptional Children - Annual Convention, Rosemont, Illinois. Presentation entitled: *Accessibility to Labs and Equipment for the Physically Handicapped*.
- Erekson, T. L. (September 25, 1981) Pre-employment/Placement State Conference, Springfield, Illinois. Presentation entitled: *Access to Vocational Education and Employment for the Physically Handicapped*.
- Erekson, T. L. (April 24, 1981) Special Vocational Needs Faculty Development Seminar - Eastern Illinois University, Charleston, Illinois. Presentation entitled: *Accessibility to Vocational Education Programs*.
- \* Miller, S., & Erekson, T. L. (April 16, 1981) Council for Exceptional Children - National Convention, Division on Career Development, New York, New York. Presentation entitled: *Illinois Career/Vocational Programs: A State of the Art*.

- Erekson, T. L. (March 28, 1981) Illinois Association of Citizens with Learning Disabilities, DeKalb, Illinois. Presentation entitled: *Vocational and Career Education Programs for Learning Disabled Students*.
- \* Erekson, T. L., & Smith, T. R. (March 25, 1981) American Industrial Arts Association - National Convention, Pittsburgh, Pennsylvania. Presentation entitled: *Gifted and Talented Students: Mainstreaming in Industrial Arts*.
- Erekson, T. L. (February 27, 1981) Illinois Vocational Association - Annual Convention, Arlington Heights, Illinois. Presentation entitled: *Gifted and Talented Students-- Mainstreaming in Vocational and Industrial Education*.
- Erekson, T. L. (February 26, 1981) Illinois Vocational Association - Annual Convention, Arlington Heights, Illinois. Presentation entitled: *What You Don't Want to Know About Civil Rights and More*.
- \* Erekson, T. L., & Smith, T. R. (December 6, 1980) American Vocational Association - National Convention, Industrial Arts Division, New Orleans, Louisiana. Presentation entitled: *Gifted Students--Mainstreaming Them in Industrial Arts*.
- Erekson, T. L. (November 14, 1980) University Special Needs Catalyst Conference - Illinois State University, Normal, Illinois. Presentation entitled: *Access to Labs and Equipment for the Physically Handicapped*.
- Erekson, T. L. (February 22, 1980) Illinois Vocational Association - Annual Convention, Arlington Heights, Illinois. Presentation entitled: *Accessibility to Industrial Education Labs and Equipment*.
- \* Erekson, T. L. (December 1, 1979) American Vocational Association - National Convention, Industrial Arts Division, Anaheim, California. Presentation entitled: *Accessibility for the Handicapped to IA Labs*.
- Erekson, T. L. (February 22, 1979) Illinois Vocational Association - Annual Convention, Peoria, Illinois. Presentation entitled: *Accessibility, the Laws and How to Live With Them*.

### **Monographs:**

- Wright, J. R., Erekson, T. L., Pytlik, E., Umstadd, W., DeVore, P., Jones, R., Maley, D., Brauchle, P., & Householder, D. (1991) *The essential elements of a quality graduate technology education program*. Reston, VA: Council on Technology Teacher Education Monograph 12.
- Erekson, T. L., & Gloeckner, G. (October 1988). *A descriptive analysis of factors related to university employment in industrial education*. National Association for Industrial and Technical Teacher Educators. Professional Monograph Series No. 3.
- Erekson, T. L. & Mann, P. (1988) *Building fairness: A guide for parents*. Macomb, IL: Western Illinois University, Curriculum Publications Clearinghouse.
- Parish, L., Colby, C., Drennan, J., Erekson, T. & Bruwelheide, K. (December 1987) *Teaching handicapped students in technology education laboratories*. Alexandria, VA: American Vocational Association, Industrial Arts Division.
- Erekson, T. L., Wright, J. R., Paige, W., Brauchle, P. E., Umstadd, W., Householder, D. L., & Robb, J. (1987). *Primer for selecting graduate programs*. Reston, VA: Council on Technology Teacher Education Monograph 10.
- Erekson, T. L. & Schultz, R. (May 1983) *Behavior Management in the Vocational Education Laboratory: A Special Needs Monograph*, Springfield, IL: Illinois State Board of Education - Department of Adult, Vocational and Technical Education.

### **Handbooks:**

- Erekson, T. L. & Andrew, K. A. (December, 1990) *Publish or Perish: A Guide to Publication in Vocational Education, Fifth Edition*. Alexandria, VA: Technology Education Division, American Vocational Association.
- Erekson, T. L. and Young, P. (June 1985) *Special Populations in Vocational Education: A Handbook for Administrators*. Cheyenne, WY: Wyoming Department of Education.

Erekson, T. L. and Young, P. (June 1985) *Parents as Partners in Reducing Sex-Role Stereotyping in Vocational Education*. Cheyenne, WY: Wyoming Department of Education.

Erekson, T. L. (January 1981) *Accessibility to Laboratories and Equipment for the Physically Handicapped: A Handbook for Vocational Education Personnel*. Springfield, IL: Illinois State Board of Education, Department of Adult, Vocational and Technical Education.

### **Research Reports:**

Erekson, T. L. (December, 1990). *Regulatory issues for the Carl D. Perkins vocational and applied technology education act of 1990: Analysis and synthesis of comment from regional conferences*. Washington, DC: U.S. Department of Education, Office for Vocational and Adult Education. (summary of report published in the Federal Register).

McAlister, B. K., & Erekson, T. L. (December, 1988). *Supply and demand for university technology faculty: 1987-88 position vacancy and search results analysis*. Champaign, IL: University of Illinois, Research in Technology Education Series - Report #4.

Erekson, T. L., & McAlister, B. K. (June, 1988). *Supply and demand for university technology faculty: 1986-87 position vacancy and search results analysis*. Champaign, IL: University of Illinois, Research in Technology Education Series - Report #2.

Erekson, T. L. (September 1983) *Attitudinal and Educational Differences Between Workforce and Post-Secondary Bound Senior Students: An Analysis from the 1980 High School and Beyond Study*, Springfield, IL: Illinois State Board of Education, Department of Planning, Research and Evaluation - Research and Statistics Section.

### **Grant Activity**

Quad Cities Manufacturing Laboratory. Fiscal agent for the Quad Cities Manufacturing Lab, a research lab housed at the Rock Island Arsenal with focus on developing expertise and new manufacturing processes with titanium and with light weight composites. Acquired a \$20,000,000 contract from the Department of Defense for the Lab (\$4,000,000 per year for five years, however only year one funding has been appropriated). Funding began June 1, 2011.

Introducing an International Studies Major and Advanced Chinese Language Instruction at Western Illinois University. Proposal for \$168,000 submitted to the U.S. Department of Education to develop and implement a new interdisciplinary International Studies major at WIU with a focus on Chinese language development and supply chain management linkages with China and Taiwan. Two year project funded August 1, 2007.

National Symposium to Develop a Model for the Professional Development of Engineering and Technology Education K-12 Teachers. Proposal for \$200,000 submitted to the National Science Foundation to conduct an invitational national symposium at the National Academy of Engineering to develop a research-based model for the professional development of K-12 technology education teachers. Proposal co-author and member of the project leadership team. Project funded September, 2005.

National Center for Engineering and Technology Education (NCETE). Proposal for \$10,000,000 submitted to the National Science Foundation by a nine university consortium to establish a Center for Learning and Teaching that focuses on infusing engineering content and analytical methods into the K-12 schools. The NCETE includes a PhD component, a research component, a teacher education component, and a K-12 schools component. Partner institutions include Utah State University (fiscal agent), Brigham Young University, University of Illinois, University of Minnesota, University of Georgia, Illinois State University, North Carolina A&T State University, University of Wisconsin-Stout, and California State University at Los Angeles. The proposal was a collaborative effort between Utah State and BYU. My roles in the conceptualization and proposal process included (1) identifying and inviting the university partners to participate, (2) major author for the pre-proposal, (3) major author of the proposal narrative, (4) participating in the reverse site visit at NSF, and (5) serving as Center co-director 2004-2006. Five year project funded effective September 15, 2004, at \$2,000,000 per year.

Manufacturing Leadership Forum. Proposal for \$1,000,000 submitted to the Abell Family Foundation to establish the Manufacturing Leadership Forum, an interdisciplinary a center designed to connect Engineering Technology programs and faculty with the Business School at BYU, and to foster corporate alliances. \$1,000,000 award July, 2000.

Maryland Vocational Curriculum Research and Development Center. Funding Agency: Maryland State Department of Education, Division of Vocational Technical Education, Baltimore, MD... Proposal author and project director. \$279,000 award, July, 1989 - June 1990; July, \$275,000 award, 1990 - June, 1991.

Looking to the 21st Century: Development of a Strategic Plan for the Industrial Arts Division. Funding Agency: Technical Foundation of America, San Marcos, TX. Proposal author and project director. Grant to develop a strategic plan for the Industrial Arts Division of the American Vocational Association to facilitate the transition to Technology Education. \$5,800 award, February, 1989 - December, 1989.

Technology Education Symposium XI. Funding Agency: Technical Foundation of America, San Marcos, TX. Proposal author and project director for Technology Education Symposium XI: *Technology Education an Interdisciplinary Endeavor*, held at the University of Illinois at Urbana-Champaign, September 29-30, 1989. \$2,100 award, March 1989-October, 1989.

History of Industrial Education: Videotaped Interviews with Retired Leaders. Funding Agency: Technical Foundation of America, San Marcos, TX. Proposal author and project co-director. Grant to produce videotaped interviews of retired leaders from industrial education to preserve an oral history. \$6,200 award, January, 1987 - March, 1988.

The University of Illinois - Education for Employment Region Partnership Project. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal author and project director to establish a university/EFE region partnership to improve programs in vocational education and vocational teacher education. \$13,500 award, July 1, 1987 - June 30, 1988.

An Equitunity Monograph for Parents. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal author and project director. Grant to develop a monograph designed to inform parents about gender equity issues in vocational education and employment. \$7,500 award, September, 1986 - June 30, 1987.

The Illinois Center for Technological Literacy. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal author and project director to establish a technological literacy center to improve preservice and inservice teacher education programs for technology education personnel. \$22,500 award, July 1, 1986 - June 30, 1987; \$10,500 award, July 1, 1987 - June 30, 1988; \$17,500 award, July 1, 1988 - June 30, 1989.

University Liaison Contract. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal author and project director to operate a liaison office at the University of Illinois and to conduct staff development activities to improve vocational teacher education and research. \$70,000 award July, 1986- June, 1987; \$70,000 award July, 1987- June, 1988; \$70,000 award July, 1988- June, 1989.

Apprenticeship and Journeyman Trainer Summer Internship Project. Funding Agency: Wyoming Department of Education, Cheyenne, WY. Project director for grant to develop and deliver a one week summer institute for apprenticeship instructors and training directors. \$28,900 award January, 1986-August, 1986.

Energy Education Needs Assessment. Funding Agency: Wyoming Energy Conservation Commission, Cheyenne, WY. Proposal author and project director to conduct energy education needs assessment for the state of Wyoming. \$2,500 award December, 1985-May, 1986.

Program Evaluation in Vocational Education. Funding Agency: Wyoming Department of Education, Cheyenne, WY. Proposal author and project director. Grant to conduct program evaluation workshops for teachers and administrators in Wyoming. \$4,400 award December 1985-June 1986.

Special Populations in Vocational Education. Funding Agency: Wyoming Department of Education, Cheyenne, WY. Proposal author and project director. Grant to conduct inservice workshops in program development and vocational assessment for special populations in vocational education. \$8,250 award December, 1985-June 1986.

Improving Preservice Vocational Teacher Education. Funding Agency: Wyoming Department of Education, Cheyenne, WY. Proposal author and project director. Grant to support university faculty development travel and equipment acquisition to improve vocational teacher education. \$10,000 award December, 1985-August, 1986.

Administering the Special Population Provisions of the Carl D. Perkins Vocational Education Act. Funding Agency: Wyoming Department of Education. Proposal author and project director. Grant to develop an administrator's handbook for planning and administering special needs funding as provided in the Perkins Act. \$5,000 award April, 1985-June 30, 1985.

Strategies for Vocational Teachers to Work with Parents to Reduce Sex Bias and Sex Role Stereotyping in Vocational Education. Funding Agency: Wyoming Department of Education. Proposal author and project director. Grant to develop a handbook for vocational teachers to work with parents in career guidance for vocational students with emphasis on reducing sex role stereotyping. \$7,000 award February 1, 1985-June 30, 1985.

Energy Utilization Technology Curriculum Guide. Funding Agency: Wyoming Energy Conservation Commission. Proposal author and project director. Grant to develop energy curriculum for industrial arts/technology education teachers in Wyoming. \$2,500 award November 1984-May 1985.

High Technology Curriculum Development and Technical Assistance Project. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal author and project co-director. Grant to develop high technology curriculum materials and provide technical assistance to eight local planning/demonstration sites for this new initiative undertaken by the Illinois State Board of Education. \$155,000 award July, 1983 - June, 1984; \$108,000 award July, 1984 - June 1985.

Gifted and Talented Students in Vocational Education: A Policy Study. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal author and project director. Grant to conduct a study to develop policies for ISBE/DAVTE concerning gifted and talented students in vocational education. \$10,500 award August, 1982-June, 1983; \$10,500 award July, 1983-June, 1984.

Surmounting Architectural Barriers in Vocational Education - Technical Assistance and Curriculum Development. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal author and project director. Grant to develop and test an accessibility infusion model for vocational education, provide technical assistance to LEAs, and to develop instructional modules relating to work and the handicapped. \$24,000 award April 1980-June 1980; \$39,000 award July 1980- June 1981; \$29,000 award July, 1981- June, 1982; \$29,000 award July, 1982 - June, 1983.

University Liaison Contract. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal author and project director to operate a liaison office at Northern Illinois University and to conduct staff development activities to improve vocational teacher education and research. \$75,000 award July, 1981- June, 1982; \$73,000 award July, 1982- June, 1983; \$74,000 award July, 1983- June, 1984.

Competency-Based Vocational Education Curriculum Development Technical Assistance Project. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Project director for Northern Illinois University's sub-contract to provide regional technical assistance to local schools in developing/utilizing competency-based curriculum materials. \$36,000 award August, 1983-June 1984.



Educators-in-Industry. Funding agency: The General Electric Foundation and Education-CETA Linkage. Proposal co-author, university contact and director for part of the project to offer a course for 21 practicing teachers about modern industry at the DeKalb, Illinois, General Electric Plant. \$4,000 award from G.E. May-June, 1983; \$3,600 award from Education-CETA Linkage May-July, 1983.

Project WASTE. Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal co-author and curriculum consultant to project. \$15,000 award to study possibilities of providing related vocational education instruction on school buses traveling to area vocational centers. July, 1982-June, 1983.

Project TEAM. Office of Special Education, U.S. Department of Education, Washington, DC. Assisted in proposal preparation and served as consultant to this Dean's Grant to provide staff development in mainstreaming for secondary teacher educators. June, 1982-May, 1983.

Education/Economic Development Policy Making Seminar. Funding agency: Education - CETA Linkage grant funded by the Illinois Department of Commerce and Community Affairs in cooperation with the Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal author and project director. \$5,000 award to conduct a seminar for educational policy-makers about the role(s) of public education in economic development and to publish and disseminate the proceedings. February, 1982-June, 1982.

Microcomputer Software for VEDS and Reimbursement Claims Reporting. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Project director for project to develop microcomputer software to assist local vocational education administrators in reporting data and filing reimbursement claims. \$18,000 award, February, 1982-August, 1982.

Recruitment, Retention, and Retraining Project. Funding agency: Subcontract with the University of Illinois, Urbana, Illinois. Proposal author and project director. \$4,000 award to develop materials and programs for recruiting persons into vocational education teaching, and for conducting a seminar on first-year teacher survival. October 1, 1982-May 31, 1982.

Administrative Leadership Fellowship in Vocational and Technical Education. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Proposal author and project director. \$16,000 award to provide a leadership fellowship in state education agency administration for one graduate student. July 1, 1981-June 30, 1982.

Special Needs Catalyst. Funding agency: Illinois State Board of Education, Department of Adult, Vocational and Technical Education, Springfield, Illinois. Worked quarter time for the 1980-1981 academic year as the Special Needs Catalyst for Northern Illinois University. This funded activity involved establishing and chairing an interdepartmental committee and conducting a needs assessment, inservice development, and program development in the area of infusing special needs content and information in the preparation of occupational education professionals.

Illinois Secondary Handicapped Consortium. Funding agency: Illinois State Board of Education, Department of Specialized Educational Services, Springfield, Illinois. Representative from Northern Illinois University and consultant to project to conduct a needs assessment for preparing personnel to deliver career/vocational education to the handicapped at the high school level. Spring, 1980.

A Study of Architectural and Construction Technology Education Programs as They Relate to Architectural Barriers. Funding agency: The Graduate School, Northern Illinois University, DeKalb, Illinois. \$500 award to conduct a study of barrier-free access content in architectural and construction education programs. November, 1977-August, 1978.

### ***Editorial Experiences:***

Editor, *UTTE Journal*, August, 1999 – May, 2001.

Editor, *Illinois Journal of Technology Education*, August, 1988 - July, 1989.

Editor, *Illinois Industrial Educator*, August 1982 - August, 1984; August 1987-August, 1988.  
Referee, *Journal of Vocational Education Research*, 1988-1990.  
Referee, *Journal of Industrial Teacher Education*, 1989-2001.  
Editorial Advisory Board member, *School Shop/Tech Directions*, July, 1988 - July 1992.

## **Professional Association Activity**

### ***Professional Memberships:***

Council on Undergraduate Research  
Beta Gamma Sigma  
Epsilon Pi Tau  
International Technology and Engineering Educators Association  
Council on Technology and Engineering Teacher Education  
American Society of Engineering Education  
Mississippi Valley Technology Teacher Education Conference  
Association of Career and Technical Education

### ***National Offices/Committees:***

Mississippi Valley Technology Teacher Education Conference, Life Chair, November 9, 1995 - present.  
Electrical Manufacturing and Coil Winding Association, member of the Board of Directors (first educator elected to the Board), January 2002- present.  
Electrical Manufacturing and Coil Winding Association, Technical Committee member, December 1993- present.  
Electrical Manufacturing and Coil Winding Association, Education Committee member and EMCWA Scholarship liaison to Tuskegee University, December 1999 - present.  
National Association of Industrial and Technical Teacher Educators, Vice President for Technology Education, December 1994-December 1996.  
American Vocational Association, Vice President, Technology Education Division, and member of the Board of Directors, July, 1987 - June, 1990.  
Technology Student Association, Inc., Reston, VA, Member, Board of Directors, 1987-1990.  
International Technology Education Association, Governmental Relations Committee. 1986 -1989.  
Council on Technology Teacher Education, Nominations Committee. 1988 - 1998.  
Council on Technology Teacher Education, Graduate Program Committee. 1985 -1988.  
Council on Technology Teacher Education, Yearbook Planning Committee. 1986 -1988.  
American Industrial Arts Association, Special Needs Committee. 1981 -1984.  
American Vocational Association, Industrial Arts Division, Special Needs Committee. 1980 -1987.  
National Association of Vocational Education Special Needs Personnel. Vocational Assessment Committee. 1981 - 1983.

### ***State Offices/Committees:***

Illinois Council for Technology Education, Council Chair, 1987 -1988.  
Phi Delta Kappa, University of Wyoming Chapter, Vice President for program, 1985-1986.  
Wyoming Vocational Association, Board of Directors, 1984- 1986.  
Wyoming Technology Education Association, Board of Directors, 1984- 1986.  
Illinois Association of School Boards, Board of Directors. Elected to the office of Director-at-Large November, 1983-September, 1984.

Illinois Industrial Education Association, Secretary, 1979- 1982.

### **Public Service**

- Member, Board of Education, Sycamore Community Consolidated School District No. 427, Sycamore, Illinois. April, 1979 - August, 1984. Membership on the Board involved several aspects of educational governance, policy making, and decision making. During my term the district dealt with severe financial crises, searched for a new superintendent, successfully passed a referendum for a tax increase in the education fund, restructured the attendance configuration and closed an elementary building. I also served on the Board's negotiating team for four years.