

CURRICULUM VITAE

Professor Jerry D. Parish, CSTM

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EDUCATION

- Ed.D. East Texas State University, Major: College Teaching of Industrial & Technical Education, 1982
- M.Ed. East Texas State University, Major: Industry & Technology, 1976
- B.S. East Texas State University, Major: Industrial Education, 1968
- A.S. Grayson County College, 1966

PROFESSIONAL EXPERIENCE

- 2011-Present **Texas A&M University-Commerce**
Senior Professor of Technology Management
Graduate Courses
- 2011-2011 **Texas A&M University-Commerce**
Interim Dean, College of Science, Engineering & Agriculture (COSEA)
- 2003-2011 **Texas A&M University-Commerce**
Associate Dean: College of Business & Technology
Professor of Technology Management
- 1999-2012 **Texas A&M University-Commerce,**
Director: Center for Excellence
- 1994-2003 **Texas A&M University-Commerce,**
Professor (Tenured) and Department Head:
Department of Engineering & Technology
- 1993-1994 Berry College, Director of Graduate Studies in Business and
the Evening Program in Management and served as Interim Dean of Business School
(Rome, Georgia).
- 1992-1993 Berry College, Associate Professor
 - Coordinator, Engineering Technology & Management
 - Director, Evening Program in Management
- 1987-1992 Berry College, Associate Professor and Department Head:
Department of Engineering Technology and Management
- 1978-1987 Southeastern Louisiana University, Associate Professor and Department Head:
Department of Industrial Technology (Tenured)
- 1976-1978 East Texas State University, Graduate Teaching Assistant

- 1969-1970 Baker College, Instructor (Baker City, Oregon)
- 1968-1969 Dallas Independent School District, Instructor at Hillcrest H. S. (Dallas, Texas)

BUSINESS/INDUSTRIAL EXPERIENCE

- 1978-1994 Parish Architectural Design Service (Owner)
- 1977-1978 Sam Rayburn Memorial Veterans Center - Engineering Division
- 1970-1976 North Texas Sound Controls (Owner) - Sound Control Consultant
- 1969-1970 Texas Instruments - Government Products Division
- 1964-1965 Jay L. Chapman, Architect - Architectural Drafting/Design
- 1961-1964 Hardwick-Etter Company- Engineering/Mechanical Drafting/Design

PROFESSIONAL & COMMUNITY MEMBERSHIPS/ACTIVITIES (Current)

- American Society for Engineering Education (ASEE)
- Epsilon Pi Tau (EPT) - *Laureate member*
- Phi Delta Kappa (PDK)
- Institute of Industrial Engineers (IIE) - *Senior Member*
- Society of Manufacturing Engineers (SME) - *Senior Member*
- International Association for Management of Technology (IMOT)
- Association of Technology, Management, and Applied Engineering (ATMAE)-Lifetime Membership

DISSERTATION COMMITTEE SERVICE AT A&M-COMMERCE

- 2003- *"The Contribution of Sylvanus Thayer and the United States Military Academy to Engineering Programs in Higher Education in the United States"*, Larry A. Manning.
- 2005- *"A Comparative Analysis of Student Performance and Attitudes in Traditional Advanced Placement Courses and Advanced Placement Courses with Dual Credit Overlay"*, Brent L. Donham.
- 2010- *"Presidents as Transformational Leaders in Higher Education"*, Lloyd M. Basham.

PUBLICATIONS-Refereed

- Currently developing manuscript (s) in the areas of: technology management, management of technology and online graduate programs.
- "Global Trends in Patenting", The Technology Interface Journal, Vol. 10, No. 2, Winter 2009 (Co-authored).
- "Educational Institution Strategies to Increase U.S. Innovation", International Journal of Engineering Research and Innovation (IJERI), Vol. 1, No. 1, Spring 2009 (Co-authored).
- "Incorporating Knowledge Management Concepts into Engineering Education", The Technology Interface Journal, Vol. 7, No. 2, Spring 2007.
- "Agile Organizations: Improving Value Through Six Sigma", Conference Proceedings: Business and Leadership Symposium, 2005.
- "Leadership & Quality in the New Century", Conference Proceedings: Association for Small Business & Entrepreneurship, (co-author), 2004.

- Paper accepted for presentation at the International Association for Management of Technology (IMOT) in Nancy, France, May 13-15, 2003. Unable to attend due to State of Texas travel restrictions. Paper would have been published in conference proceedings.
- “Leadership and the Agile Organization”, The International Journal of Agile Manufacturing, Vol.5, Issue 1, 2002.
- “Agile Organizations: Overcoming Learned Helplessness,” The International Journal of Agile Manufacturing, Vol. 2, Issue 2, 1999.
- “Learning in the Future: Technology & Change”, Conference Proceeding: American Society for Engineering Education, (co-author), 1998.
- “Paradigm Shift to Agile Manufacturing”, The International Journal of Agile Manufacturing, Vol. 2, Issue 1, 1998.
- “Agile Manufacturing: Vision of the 21st Century”, Conference Proceedings - National Association of Industrial Technology (NAIT), October, 1996.
- “Distance Education in Engineering Technology: Status Report”, Conference Proceedings - American Society for Engineering Education/Gulf-Southwest Section, March, 1996.
- “Technology Impact on Productivity in Small Manufacturing Industries”, Book of Proceedings-International Conference on Management of Technology, Vol. 2, February, 1994.
- “Managing the OSHA Hazard Communication Standard”, Book of Proceedings-International Conference on Management of Technology, Vol. 2, February, 1992.
- “Acronyms: Communication Problems”, Journal of Industrial Technology, Vol. 5, No. 4, and Vol. 6, No. 1, Fall, 1989.
- “Shift from Traditional Industrial Arts Teacher Education to Industrial Technology”, Journal of Epsilon Pi Tau, Vol. XIV, No. 2, Summer/Fall 1988.
- “Reducing Material Cost in Metallurgical Laboratories”, School Shop, Vol. 47, No. 6, January, 1988.
- “Machinable Wax: The Universal Material for Industrial Technology”, Journal of Industrial Technology, Vol. 2, No. 4, Summer, 1986.
- “High Technology Courses for Industrial Technology”, Journal of Industrial Technology, Vol. 1, No. 1, Fall, 1984.
- “Drafting Education: What to Teach?” Design and Drafting News, Vol. 24, No.5, October/November, 1984.

PUBLICATIONS-Non-Refereed

- “Engineering Technology: In the 21st Century”, TASET Newsletter, August, 1995.
- History of Industrial Technology, contributing reader/editor, Published by the National Association of Industrial Technology (NAIT), May, 1991.
- “Job Seeker’s: Preparation Guide”, an information guide for Southeastern Louisiana University Placement Office, 1983.

PAPER PRESENTATIONS

- “Learning and Growth: The Foundation of the Balanced Scorecard”, International Academy of Business & Public Administration Disciplines Conference, Proceedings, 2009.
- “Educational Institution Strategies to Increase U.S. Innovation”, IAJC-IJME International Conference, Conference Proceedings, 2008.
- “Global Trends in Patenting”, IAJC-IJME International Conference, Conference Proceedings, 2008.
- “Knowledge Management: Foundations for business leaders and educators”, Business and Leadership Symposium, Conference Proceedings, 2007.
- Paper accepted for presentation at the 2007 ASEE-GSW Annual Conference (not able to attend).
- Paper accepted for presentation at the 2007 International Conference on Industry, Engineering, and Management Conference (not able to attend).
- “Agile Organizations: Improving Value Through Six Sigma”, Business and Leadership Symposium, Conference Proceedings, 2005.
- “Leadership & Quality in the New Century”, Association for Small Business & Entrepreneurship (ASBE), Conference Proceedings, 2004.
- Invited speaker to the International Conference on Agile Manufacturing 2003 in Beijing, China (Unable to attend due to State of Texas travel restrictions).
- “Leadership and the Agile Organization”, The National Business and Economics Society Conference (NBES), Conference Proceedings, 2003.
- “Agile” Organizations: Overcoming Learned Helplessness”, International Conference on Agile Manufacturing (ICAM) ‘98, 1998.
- “Learning in the Future: Technology & Change”, American Society for Engineering Education, Gulf-Southwest Section (ASEE - GSW) Annual Conference, New Orleans, LA - 1998.
- “Paradigm Shift to Agile Manufacturing”, International Conference on Agile Manufacturing (ICAM) ‘97, 1997.
- “Agile Manufacturing: Vision of the 21st Century”, October, 1996, National Association of Industrial Technology (NAIT) Convention, Los Angeles, CA.
- “Agile Manufacturing”, Association for Systems Management (TAMUC Chapter) - 1996.
- “Agile Manufacturing: What Is It?” Society of Manufacturing Engineers (SME) - Dalrich Chapter 195, Richardson, TX - 1996.
- “Distance Education in Engineering Technology: Status Report”, March, 1996, American Society for Engineering Education/Gulf-Southwest Section, San Antonio, TX
- “Technology Impact on Productivity in Small Manufacturing Industries”, February, 1994, International Conference on Management of Technology, Miami, FL.
- “Technological Effects on Small Manufacturing Companies”, October, 1993, INTERFACE ‘93- Humanities and Technology Conference, Atlanta, GA.

- “Managing the OSHA Hazard Communication Standard”, February, 1992, International Conference on Management of Technology, Miami, FL.
- “Teacher Liability in The Laboratory”, October, 1990, INTERFACE ‘90-Humanities and Technology Conference, Atlanta, GA.
- Chair and discussant for session titled “Challenges of American Business Education”, April 1990, Association of Private Enterprise Education (APEE) Conference, Dallas, TX, April, 1990.
- “Industrial Technology at Berry College”, March, 1989, Rotary Club, Calhoun, GA.
- “Issues Facing Teacher Education”, April, 1988, Georgia Home Economics Association Conference, Atlanta, GA
- “Shift from Traditional Industrial Arts Teacher Education to Industrial Technology”, November, 1987, Mississippi Valley Industrial Education Conference, Saint Louis, MO
- “Educating Drafters-Survey Results”, April, 1986, American Institute for Design and Drafting Conference, Boston, MA
- “Trends in Housing”, February, 1986, Home Economist in Business Conference, Atlanta, GA
- “Industrial Technology: On the Cutting Edge”, August, 1985, Rotary Club, Hammond, LA.
- “Motivating Your Students”, August, 1985, Louisiana Vocational Association Conference.

HONORS

- Past Board Member and Vice President-Sachse, TX Economic Development Corporation, 2005-2008.
- ***Guest Professor***: Humanities & Economic Management School of China University of Geosciences, Beijing, China, 2004.
- Chair, National Association of Industrial Technology Board of Accreditation 2001-2002.
- Chair, National Association of Industrial Technology Executive Board, 2000.
- President of the National Association of Industrial Technology University Division, 1999-2000.
- Recipient, Epsilon Pi Tau, Laureate Citation, 1997.
- Recipient, “NAIT Exemplary Service Award for Contributions to the NAIT Accreditation Program”, October, 1993.
- Certified Senior Industrial Technologist (NAIT), 1992 to present.
- Recipient, “President’s Award for Outstanding Leadership in the Field of Industrial Technology” from the National Association of Industrial Technology, October, 1992.
- Recipient, “Outstanding Regional Director” award from the National Association of Industrial Technology (NAIT), October, 1989.

GRANTS

- *Graduate Faculty Research Grants*

1993 Title: "Technology Impact on Productivity in Small Manufacturing Industries." A research study to examine the impact of technology on northwest Georgia small manufacturing industries with Standard Industrial Classifications (SIC) of 28, 20, 33, 35, and 36.
Amount: \$872.80

1991-1992 Title: "Communication Competencies Expected of MBA Students: A Business Perspective." A research study to examine the attitudes of the professional business community in

northwest Georgia regarding the role and value of communication education in the MBA program. A survey of human resource/personnel managers was conducted.
Amount: \$789.00

1990-1991 Research to identify hazardous chemicals used in middle school and high school "Technology Education" laboratories throughout the State of Georgia.
Amount: \$1018.00

1989-1990 Conducted a survey of the 100 largest northwest Georgia (10 county region) manufacturing industries to determine the technologies that are in current use and what technologies are planned for implementation by the year 2000. Also studied workforce education and skill levels/requirements.
Amount: \$695.00

- *Special Item Request* - Texas Legislative Budget Board/Governor's Budget Office.
"Establish Center for Advanced Engineering Technologies."
1996 - "Not funded"
Amount Requested: 1998-1999 - \$1,180,000

- *Exxon Grants*

1990- Development of a comprehensive unit of study on the Resource Conservation and Recovery Act (RCRA).
Amount: \$1480.00
1989- Grant for color photography equipment.
Amount: \$1481.50
1987- Grant for laser technology, opto-electronics and fiber optics instructional equipment.
Amount: \$965.00

Development Grants

1992- Seminar on Better Warehouse Management Through Inventory Control (Key Productivity Center) Atlanta, GA.
Amount: \$185.00
1991- Course on Manufacturing Plant Layout sponsored by the Society of Manufacturing Engineers (SME) Dearborn, MI.
Amount: \$500.00
1990- Seminar conducted by GTE TestMark Laboratories on "The Write Design" Lexington, KY.
Amount: \$800.00

1987- Computer-aided design workshop sponsored by the National Academy for Vocational Education and CADKEY, Inc. East Carolina State University, Greenville, NC.
Amount: \$700.00

- **1989, 1990** - Grant to conduct in-service workshops for Industrial Education (Georgia State Department of Education), \$12,960.
- *Research and Curriculum Development Projects: Vocational Education Funds-State of Louisiana*
1985-86 \$47,648
1986-87 \$42,200
- *Title III Grant* (co-authored proposal). Total of \$350,000 for Industrial Technology received from **1982-1986** (Southeastern Louisiana University).

TOTAL RESEARCH FUNDS RECEIVED: \$462,294.30

RESEARCH

- 2005-Present – Conducting research on management of technology management.
- 1996-2005 - Conducted research and developed a series of papers on AGILE organizations, productivity and leadership.
- 1995-1996 - Conducted research of distance education in Engineering Technology.
- 1995-1996 - Conducted research of Hispanic manufacturing companies in the United States.
- 1993 - Conducted survey of small manufacturing companies. Study of technology and productivity.
- 1987 - Conducted an industrial (manufacturing) survey as to the status of northwest Georgia industries.
- 1987 - Researched and developed an outcome assessment instrument for the Instructional Evaluation Program at Tennessee Technological University (Industrial Technology).
- 1987, 1989 - Conducted follow-up studies of Technology graduates at Berry College.
- 1984, 1985 - Study of current industrial drafting practices/techniques.
- 1984, 1985, and 1986 - Conducted follow-up studies of Industrial Technology graduates at Southeastern Louisiana University (SLU).
- 1983 - Needs survey-summer drafting program at Southeastern Louisiana University.
- 1982-Dissertation: A Comparison of Industrial Technology Course offerings at Southeastern Louisiana University with Current Industrial Personnel Requirements.

PROFESSIONAL ACTIVITIES

- 2010-11 Review Board: Advances in Business Research Journal
- 2009-10 Board Member: Sachse Chamber of Commerce
- 2006-08 Board Member: Interlink, Inc.
- 2006-09 Editorial Staff: International Journal of Agile Manufacturing
- 2006-08 Board Member & Vice President: Sachse Economic Development Corporation, Sachse, Texas
- 2004 Alternate member: Sachse, TX Zoning Board of Adjustments
- 2000-07 Member: Richland College Engineering Technology Advisory Board
- 2006 Book reviewer for Prentice-Hall
- 2001 Book reviewer for McGraw-Hill-Engineering Division
- 1998 Member of NAIT task force to develop and implement an accreditation program for Industrial Technology at the Master's level programs.
- 1998 Consultant to the Mississippi Institution of Higher Learning: External reviewer for Industrial Technology program at Mississippi Valley State University, November 1998
- 1997 Book reviewer for Engineering & Management Press
- 1997-00 Editorial Review Board: Journal of Emerging Mechanical Engineering Technology
- 1997 Commerce Rotary Club: Director of Vocational Service
- 1997 Attended APICS seminar “Run Your Business at Warp Speed.”
- 1997 Chair: Society of Manufacturing Engineers (SME) / Dalrich Chapter 195
- 1994-07 Member: Paris Junior College Industrial Steering Committee
- 1996-00 Book reviewer for Institute of Industrial Engineers (IIE)
- 1991-93 National Engineering Aptitude Search (NEAS) examination site coordinator.
- 1991-94 Chair: “Accreditation Team Training” session at the conventions of the National Association of Industrial Technology.
- 1991-95 Co-conductor of NAIT post-convention workshops: “Baccalaureate and Associate Degree Level Accreditation and Visiting Team Procedures”.
- 1990-93 Society of Manufacturing Engineers (SME) certification examination site coordinator
- 1990-94 National Chair NAIT Accreditation Personnel Committee
- 1990-94 National Chair NAIT Standards and Accreditation Committee
- 1990-94 National Chair-NAIT Standards and Accreditation Committee and NAIT Accreditation Personnel Committee.
- 1989 Delegate to the Georgia Conference for Collegiate Academic Advisors
- 1986-89 NAIT Executive Committee
- 1986-89 Director: NAIT Region III

- 1985-87 National Chair AIDD Technical Publications Committee
- *NAIT Accreditation Team Member:*
 - 1988 Cheyney University of Pennsylvania
 - 1987 University of Southern Maine
 - 1986 Bowling Green State University (Ohio)
- *NAIT Accreditation Visiting Team Chair:*
 - 1998 Indiana State University
 - 1997 Elizabeth City State University
 - 1996 San Jose State University
 - 1995 Eastern Michigan University
 - 1990 California State University-Fresno
 - 1989 Southwestern Oklahoma State University

CONSULTING

- National Association of Industrial Technology (NAIT)
- Taylor Tec, Inc. (Hammond, Louisiana)
- Pamco Consultants International, Inc. (Jacksonville, Florida)
- Care More, Inc. (Rome/Macon, Georgia)
- Toles, Temple & Wright, Inc. (Rome, Georgia)
- Wayne Robinson (Rome, Georgia)
- Echo Enterprises (Rome, Georgia)
- Norcon Systems, Inc. (Rome, Georgia)
- Tennessee Technological University - Program Reviewer
- Western Carolina University (NAIT)
- University of Northern Iowa - Program Reviewer
- Northeastern State University (Oklahoma) - Program Reviewer
- Tennessee State University (NAIT)
- Mississippi State University (NAIT)
- Shawnee State University (Ohio) – Program Reviewer
- University of Texas at Tyler (NAIT)

UNDERGRADUATE COURSES TAUGHT: 1978-Present

- Operations Management
- Production Planning and Control
- Industrial Safety Management
- Industrial Hygiene
- Supervision Theory
- Technology and Society
- Industrial Design
- Human Relations for Management
- Engineering Graphics
- Computer - Aided Design/Drafting
- Descriptive Geometry
- Planning Residential Housing (Architectural)
- Facilities Planning/Management
- Structural Systems
- Pre-Fabrication Drafting
- Construction Cost Estimating
- Construction Process and Management Fundamentals
- Technical Illustration
- Piping Drafting
- Mechanical Design and Drafting
- Electrical and Electronic Drafting
- Entrepreneurial Issues In Business and Society
- Principles of Communication
- Principles of Management
- Industrial Operations Research
- Manufacturing Technology
- Industrial Supervision
- Engineering & Technology Management
- Industrial Communications
- Construction/ Industrial Internships
- Principles of Technology Management

GRADUATE COURSES TAUGHT: 1987-Present

- Facilities Planning for Vocational Education
- Evaluation of Instruction and Vocational Education
- Workshop in Technology
- Applied Technology
- Special Topics in Technology
- Laboratory Safety in Technology
- Communication and Communication Systems-(MBA)
- Managing Productivity and Change
- Industrial Engineering Techniques
- Industrial Communications & Training
- Manufacturing Systems
- Management of Technology
- Social Issues in Technology
- 21st Century Technology
- Operations Leadership & Management
- Managing Technology Innovation
- Re-Engineering Strategy
- Systems Engineering & Management
- Teams & Productivity Improvement
- Creativity and Management of Change
- Lean Manufacturing
- Quality and the Agile Organization
- Problems in Engineering & Technology
- Problems in Safety Management
- Industrial & Engineering Leadership Studies
- Management of Technology in Organizations
- Leadership in Engineering & Technology
- Knowledge Management in Engineering & Technology Organizations
- Emerging Technologies
- Group Leadership in the Diverse Organization
- Engineering, Science & Technology Ethics
- The Collaborative Organization
- Organizational Design & Business Decisions