

Christopher J. Roethlein
Associate Professor of Operations Management
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EDUCATION AND CURRENT CERTIFICATIONS

- Ph.D.** **2000**
University of Rhode Island, Kingston, Rhode Island
Management Science and Information Systems
- M.B.A.** **1993**
Rensselaer Polytechnic Institute, Hartford, Connecticut
Operations Management
- B.S.** **1985**
Western New England College, Springfield, Massachusetts
Mechanical Engineering

CURRENT PROFESSIONAL MEMBERSHIPS

Decision Sciences Institute
Northeast Decision Sciences Institute
North American Case Research Association

ACADEMIC EXPERIENCE

- 2006 - present Associate Professor, Department of Management
Bryant University, Smithfield, Rhode Island
- 2006 Fulbright Scholar – Czech Republic
Faculty of Economics and Administration, University of Pardubice
Faculty of Informatics and Management, University of Hradec Kralove
- 2000-2006 Assistant Professor, Department of Management
Bryant University, Smithfield, Rhode Island
- 1997-1999 Instructor, Department of Management
University of Rhode Island, Kingston, Rhode Island
- 1995-1997 Adjunct Instructor, Department of Management
University of Hartford, Hartford, Connecticut

PROFESSIONAL EXPERIENCE OUTSIDE OF ACADEMIA

- 1994-1996 Stanley Engineered Components, Basic Skills Instructor
New Britain, CT

1994-1995	Stanley Engineered Components, Graduate Assistant for Dale Carnegie Courses New Britain, CT
1993-1996	Stanley Engineered Components, Project Manager New Britain, CT
1992-1993	Revere Aerospace, Inc., Senior Mechanical Design Engineer Wallingford, CT
1990-1992	Eaton, Pressure Sensors Division, Literacy Coordinator/Volunteer Bethel, CT
1989-1992	Eaton Pressure Sensors Division, Senior Mechanical Development Engineer Bethel, CT
1987-1989	Kaman Aerospace Corporation, Mechanical Project Development Engineer Bloomfield, CT
1985-1986	United Technologies Research Center, Engineering Mentor East Hartford, CT
1985-1987	United Technologies Research Center, Mechanical Research Engineer East Hartford, CT

INSTRUCTIONAL ACTIVITIES

➤ UNDERGRADUATE

Operations Management
 Operations Management Honors Program
 Advanced Topics in Operations Management
 Management Principles and Practice

➤ GRADUATE

Production and Inventory Management
 High Performance Manufacturing
 Current Topics in Operations Management
 Operations Management
 Value Formation thru Operation

INTELLECTUAL CONTRIBUTIONS

➤ REFEREED JOURNAL ARTICLES

Roethlein, Christopher, Snead, Cheryl and Visich, John, 2009. "Baneker Industries, Inc.", *Operations and Supply Chain Management: An International Journal*, Vol. 2, Iss. 3, 139-149.

Wicks, Angela and Roethlein, Christopher, 2009. "A Satisfaction-Based Definition of Quality", *Journal of Business and Economic Studies*, Vol. 15, No. 1, 82-97.

- Visich, John, Powers, John, and Roethlein, Chris, 2009. "Empirical Applications of RFID in the Manufacturing Environment", *International Journal Radio Frequency Identification Technology and Applications*, Vol. 2, Nos. 3/4, 115-132.
- Roethlein, Christopher and Mangiameli, Paul, 2008. "Quality in a Supply Chain: An Exploratory Case Study", *E + M Econometrics and Management*, Issue 2, 41-57.
- Roethlein, Christopher J., Beauvais, Laura and Mangiameli, Paul M., 2008. "Components of Manufacturing Strategy within Levels of U.S. Manufacturing Supply Chains", *E + M Econometrics and Management*, Issue 1, 33-52.
- Chen, S. K., Mangiameli, Paul M. and Roethlein, Christopher J., 2005, "Predicting the Output of a Tube-bending Process: A Case Study," *International Journal of Production Economics*, Volume 95, Issue 3, March, 307-316.
- Roethlein, Christopher J. and Ackerson, Sara B., 2004, "Quality Communication within a Connected Manufacturing Supply Chain," *Supply Chain Management: An International Journal*, Volume 9, No. 4, 323-330.
- Roethlein, Christopher J., Mangiameli, Paul M. and Ebrahimpour, Maling, 2002, "Quality in U.S. Manufacturing Industries: An Empirical Study," *Quality Management Journal*, Volume 9, Issue 3, 48-66.
- Roethlein, Christopher J. and Jarrett, Jeffrey E., 2002, "Seasonality in Prices of Japanese Securities," *International Journal of Business and Economics*, Volume 1, Number 1, 21-31.
- Mangiameli, Paul M. and Roethlein, Christopher J., 2001, "An Examination of Quality Performance at Different Levels in a Connected Supply Chain: A Preliminary Study," *Integrated Manufacturing Systems-The International Journal of Manufacturing Technology Management*, Volume 12, Number 2, 126-133.
- Roethlein, Christopher J. and Mangiameli, Paul M., 1999, "The Realities of Becoming a Long Term Supplier to a Large TQM Customer," *Interfaces*, 29, (4), July-August, 71-81.

➤ **REPUBLISHED ARTICLE**

- Roethlein, Christopher J. and Ackerson, Sara B., 2005. "Quality Communication within a Connected Manufacturing Supply Chain," *Journal of Enterprise Resource Management*, Volume 21, First Quarter.

➤ **CASES PUBLISHED**

- End of chapter case study included in Supply Chain Management chapter. Davis, Mark M. and Heineke, Janelle, 2005, *Operations Management: Integrating Manufacturing and Services*, McGraw-Hill/Irwin, 5th Edition, 122-123.
- End of chapter case study included in Supply Chain Management chapter. Davis, Mark M., Aquilano, Nicholas J. and Chase, Richard B., 2002, *Fundamentals of Operations Management*, Irwin McGraw-Hill, 4th edition, 533-535.

➤ **PROCEEDINGS AND PRESENTATIONS AT PROFESSIONAL CONFERENCES**

Note: For the two proceedings indicted with an *, coauthor made the presentation

- Roethlein, Christopher J., Snead, W., and Visich, John K., "Banneker Industries – Your Strategic Sourcing Solution", 2009 DSI Best Case Studies Award Competition, Decision Sciences Institute, New Orleans, Louisiana, November 2009.
- Eksir, Alexander and Roethlein, Christopher J., "Using Organizational Systems & Structure to Manage High Tech Companies", Northeast Decision Sciences Institute, Mohegan Sun, Uncasville, Connecticut, March 2009.
- Roethlein, Christopher J., "Symposium: A Fulbright Experience – A Semester Abroad and How a Fulbright Can Benefit You", Decision Sciences Institute, Baltimore, Maryland, November 2008.
- Roethlein, Christopher J., "A Fulbright Experience – A Semester Abroad and How a Fulbright Can Benefit You," Workshop Presentation, Northeast Decision Sciences Institute, Brooklyn, New York, March 2008.
- Wicks, Angela M. and Roethlein, Christopher J., "A Satisfaction-Based Definition of Quality," *Proceedings of the Decision Sciences Institute*, Phoenix, Arizona., November, 2007.*
- Roethlein, Christopher J. and Snead, Cheryl Watkins, "Banneker Industries, Inc.-Your Strategic Solution," *Proceedings of the Northeast Decision Sciences Institute*, San Juan, Puerto Rico, March, 2006.
- Roethlein, Christopher J. and Snead, Cheryl Watkins, "Banneker Industries, Inc.-Your Strategic Solution," *Proceedings of the Northeast Decision Sciences Institute*, Philadelphia, Pennsylvania, March, 2005.
- Roethlein, Christopher J., Chen, Shaw K. and Mangiameli, Paul M., "Predicting Out of Tolerance Output: A Case Study of a Tube Bending Process," *Proceedings of the Northeast Decision Sciences Institute*, Atlantic City, New Jersey, March, 2004.
- Roethlein, Christopher J. Mangiameli, Paul M. and Ebrahimpour, Maling, "Quality in a Connected Supply Chain: An Exploratory Case Study," *Proceedings of the Decision Sciences Institute*, Washington, D.C., November, 2003.
- Ackerson, Sara B. and Roethlein, Christopher J., "Quality Communication within a Connected Manufacturing Supply Chain," *Proceedings of the Northeast Decision Sciences Institute*, Providence, Rhode Island, March, 2003.
- Roethlein, Christopher J., Chen, Shaw K. and Mangiameli, Paul M., "Predicting the Quality of a Tube Bending Process: A Contrast among Simple, Complex, and No Forecasting Methods," *Proceedings of the Decision Sciences Institute*, San Diego, California, November, 2002.
- Roethlein, Christopher J., Smith, Michael E. and Wright, Christine M., "Adapting Your Way to Instructional Success - Five POM Experiential Classroom Activities," *Proceedings of the Decision Sciences Institute*, San Diego, California, November, 2002.
- Roethlein, Christopher J., Mangiameli, Paul M. and Ebrahimpour, Maling, "Communicating Quality Information in a Connected Supply Chain," *Proceedings of the Northeast Decision Sciences Institute*, San Juan, Puerto Rico, March, 2002.*
- Roethlein, Christopher J., Mangiameli, Paul M. and Ebrahimpour, Maling, "A Detailed Examination of Surveyed Quality in U.S. Industries," *Proceedings of the Decision Sciences Institute*, San Francisco, California, November, 2001.

Roethlein, Christopher J., Beauvais, Laura and Mangiameli, Paul M., "Components of Manufacturing Strategy within Levels of U.S. Manufacturing Supply Chains," *Proceedings of the Northeast Decision Sciences Institute*, Pittsburgh, Pennsylvania, March 2001.

Roethlein, Christopher J. Mangiameli, Paul M. and Ebrahimpour, Maling, "Inter-organizational Effects of Quality Information on a Connected Manufacturing Supply Chain: An Exploratory Study," *Proceedings of the Decision Sciences Institute*, Orlando, Florida, November, 2000.

Roethlein, Christopher J., Mangiameli, Paul M., and Chen, Shaw K., "Analysis of Multivariate Autoregressive Process Using Production Data," *Proceedings of the Northeast Decision Sciences Institute*, Atlantic City, New Jersey, March 2000.

Roethlein, Christopher J. Mangiameli, Paul M. and Ebrahimpour, Maling, "Defining and Measuring Quality: A Survey of U.S. Based Manufacturing Firms," *Proceedings of the Decision Sciences Institute*, New Orleans, Louisiana, November 1999.

Roethlein, Christopher J. and Mangiameli, Paul M., "Identification and Measurement of Quality Performance at Different Levels in a Connected Supply Chain," *Proceedings of the Northeast Decision Sciences Institute*, Newport, Rhode Island, March 1999.

Roethlein, Christopher J., Mangiameli, Paul M., and Chen, Shaw K. "Analysis of an Autoregressive Process Using Production Data," *Proceedings of the Decision Sciences Institute*, Las Vegas, Nevada, November 1998.

Roethlein, Christopher J. and Jarrett, Jeffrey E., "Seasonality in Japanese Data," *Proceedings of the Decision Sciences Institute*, Las Vegas, Nevada, November 1998.

Roethlein, Christopher J. and Mangiameli, Paul M., "The Realities of Becoming a Long Term Supplier to a Large TQM Customer," *Proceedings of the Northeast Decision Sciences Institute*, Boston, Massachusetts, March 1998.

West, David, Mangiameli, Paul M., and Roethlein, Christopher J., "Neural Networking Application of Quality Control: A Case Study," *Proceedings of the Northeast Decision Sciences Institute*, Boston, Massachusetts, March 1998.*

➤ **WORKING PAPERS ACCEPTED IN THE BRYANT UNIVERSITY FACULTY WORKING PAPER SERIES**

Roethlein, Christopher J. and Snead, Cheryl Watkins, "Banneker Industries, Inc.-Your Strategic Solution," – Submitted February 4, 2005

Roethlein, Christopher J., Mangiameli, Paul M. and Chen, Shaw K., "Predicting the Output of a Tube-Bending Process: A Case Study" – Submitted August 28, 2003.

Roethlein, Christopher J., "Quality Communication Within a Connected Manufacturing Supply Chain" – Accepted March 20, 2003.

Roethlein, Christopher J., "Will the Evolution of Information and Terrorism Affect Supply Chain Management?" – Accepted November 30, 2002.

Roethlein, Christopher J., Beauvais, Laura and Mangiameli, Paul M., "Components of Manufacturing Strategy within Levels of U.S. Manufacturing Supply Chains." – Accepted March 19, 2002.

Roethlein, Christopher J., Mangiameli, Paul M. and Ebrahimpour, Maling, "Interorganizational Effects of Quality Information on a Connected Manufacturing Supply Chain: An Exploratory Study." – Accepted November 27, 2001.

➤ **ARTICLE ACCEPTED IN THE BRYANT COLLEGE PUBLICATION *THE FACULTY NETWORK***

Roethlein, Christopher J., 2003 "Who are My Customers and How Do I Serve Them?," *The Faculty Network*, Spring, 3-4.

➤ **TEACHING RELATED SCHOLARSHIP**

Limperis, Jim, 2004. "Bridging the Graduation Gap," *The Manufacturer*, September. Published in traditional paper journal and in electronic format. Interviewed and quoted in an article discussing the importance of creating student assignments that combine academic teachings with industry experience.

➤ **CONFERENCE ROLES**

Board Member of *Northeast Decision Sciences Institute*, 2003 - 2007.

Vice President of Promotional Activities, *Northeast Decision Sciences Institute*, 2003 – 2005

Organized the efforts to bring funding to the March, 2005 conference in Philadelphia, Pennsylvania and the March, 2004 conference in Atlantic City, New Jersey. Solicited conference attendees and publishing companies for conference funding and attendance. Was able to attract and display all major book publishers at both conferences. Conferences were highly successful (financial and attendance measures).

Coordinator: Doctoral Students/New Faculty, *Northeast Decision Sciences Institute*, 2005 – 2007

Quality and Productivity Track Reviewer, *Northeast Decision Sciences Institute*, San Juan, Puerto Rico, March 2006.

Quality and Productivity Track Reviewer, *Northeast Decision Sciences Institute*, Philadelphia, Pennsylvania, March 2005.

Quality and Productivity Track Reviewer, *Northeast Decision Sciences Institute*, Atlantic City, New Jersey, March 2004.

Manufacturing Systems and Processes Track, Reviewer, *International DSI Conference in China* – July 2003.

Quality and Productivity Track Chair, *Northeast Decision Sciences Institute*, Providence, Rhode Island, March 2003.

Quality and Productivity Track Reviewer, *Northeast Decision Sciences Institute* Providence, Rhode Island, March 2003.

Quality and Productivity Track Chair, *Northeast Decision Sciences Institute*, San Juan, Puerto Rico, March 2002.

Quality and Productivity Track Reviewer, *Northeast Decision Sciences Institute*, San Juan, Puerto Rico, March 2002.

POM Manufacturing Track, Discussant, *Northeast Decision Sciences Institute*, Pittsburgh, Pennsylvania, March 2001.

POM Manufacturing Track, Reviewer, *Northeast Decision Sciences Institute*, Pittsburgh, Pennsylvania, March 2001.

➤ **IN PROGRESS**

“How Defense Companies Understand and Measure Human Capital” by Chris Roethlein and Alexander Eksir.

SERVICE

➤ **PROGRAMS FOR/AT BRYANT UNIVERSITY**

Proposed and succeeded in getting program approved for the Global Supply Chain Management (GSCM) Minor for undergraduates. This joint effort was led by Teresa McCarthy and was approved in May, 2009. My present role is coordinator for this new minor.

Sophomore International Experience Program – Traveled to London, United Kingdom and Paris, France in January 2009 with group of 64 students.

Participated in the Second Annual Rhode Island Supply Chain Management Summit. “From Risky Business to Rewarding Results” – 2009

Held at Bryant University on August 27, 2009. Was part of the Planning Committee and Track Facilitator for three sessions: “Identifying Your Risks”, “Assessing & Evaluating Your Risks” and “Managing Your Risks”.

Participated in World Trade Day Conference – 2009

Held at Bryant University on May 21, 2009. Was a Session Moderator for a panel entitled “Optimizing Your Global Supply Chain”.

Participated in the inaugural Rhode Island Supply Chain Management Summit. – 2008

Held at Bryant University on June 20, 2008. The RI SCM Summit was the first time that both the public and private sectors came together to promote SCM within the state of RI. The overall goal was to highlight the expertise and resources available to businesses that will allow them to grow and prosper. Presented a workshop entitled “The ABCs of Supply Chain Management”.

Participated in Bryant University’s 2nd Annual Faculty Research Day . – 2008

Held at Bryant University on January 17, 2008. Luncheon speaker and presented “*A Fulbright Experience - A Semester Abroad and How a Fulbright Can Benefit You*”.

Proposal to form a strategic alliance between Bryant University and the Rhode Island Center for Performance Excellence – 2005

Co-authored a proposal with Angela Wicks (major author) to form a strategic alliance between Bryant University and the Rhode Island Center for Performance Excellence (RICPE), the organization that provides Rhode Island businesses and organizations an approach to performance improvement through the implementation of the Baldrige Criteria for Performance Excellence. In this proposal, we anticipate that an association with RICPE and the Baldrige will create new courses and programs (undergraduate, graduate, and executive) for Bryant University through the integration of the RICPE framework. In addition to these creative and innovative courses and programs, we anticipate that Bryant’s reputation will be enhanced throughout the academic and business community. This proposal was unique because very few alliances

have been formed where a State Quality Program is fully incorporated into the university curriculum. Proposal was denied.

➤ **ON-CAMPUS PROGRAMS FOR STUDENTS**

Faculty Advisor Delta Sigma Pi Business Fraternity – 2003-2004

Service project – Initiated and effort to build a playground in Killingly, Connecticut for children with and without disabilities. Written grant requests to major corporations (Hasbro, Target, Disney, Ben & Jerry's, Ronald McDonald House Charities, Newman's Own) as well as state and federal funding. Worked with town leaders and Connecticut politicians (Senators, Congressman and Representatives) in an effort to obtain funding and organize the effort. Was awarded a "Public Service Award for working to make their communities a better place." by Susan Bysiewicz, Secretary of the State (Connecticut). Through this playground effort, students gain insights to grant writing, raising awareness in a community and project management.

Faculty Advisor to Playground Project-Open to all Bryant Students – 2003-2009

Organized an effort to build a \$235,000 (approximate) playground in Killingly, Connecticut for handicapped children. Written grant requests to major corporations (i.e. - Staples, Dunkin Donuts, Hasbro, Newman's Own) as well as state and federal agencies. Member of the Board of Directors. Ribbon cutting ceremonies were held on July 24, 2008. Groundbreaking ceremonies were held on August 23, 2007 and final work completed in summer 2009.

Faculty Advisor in Academic Internship Program – Twenty five internships

Faculty Advisor for Graduate Directed Independent Study – Twelve students

Faculty Advisor for Undergraduate Directed Independent Study – Ten students

Faculty Advisor in the Bryant College Honors Program – Three students

Faculty Advisor in the Faculty Advisor Program – Two years

First Year Success Program – Two years

Investigated retention rate of Sophomore class and reported on findings. Organized faculty, staff, students and alumni in support of The Sophomore Networking Experience, held on April 13, 2004. Participated in similar event on April 21, 2005 called "Destination 2007".

Leonard G. Balfour Summer Leadership Institute – Provided high school students with a description of Operations Management and how it relates with the business world. June 23, 2003, June 21, 2004, June 27, 2005, June 26, 2006 and June 25, 2007. Program renamed to the BUILD Program. Participated in this program on June 16, 2008 and June 15, 2009.

Keynote Speaker for the Johns Hopkins Talent Search Awards Ceremony-June 12, 2004.

Spring Recruiting Event-April, 2004, 2008, 2009.

Discover Bryant Picnic-2003, 2004, 2005 and 2007.

Bryant 101 Panel Member – September 15, 2007.

Orientation – June 2003, June 2004, June 2006, June, 2008.

Graduation – 2002, 2003, 2004, 2005, 2006, 2008.

➤ **COMMITTEES**

NEASC (New England Association of Schools & Colleges, Inc.) Self-Study Steering Committee – 2007 – Present Responsible for Standard Five-Faculty

Dissertation Committee Member – 2008 – 2009 Member of Case Western Reserve Doctoral Dissertation Committee for Alex Eksir. Dissertation Title: How Defense Firms Measure Human Capital

Reviewed, selected and interviewed candidates for International Management positions at Academy of Management conference, Atlanta, GA.-Summer-Fall 2006

Faculty Development Committee – 2002-2004, Chair 2003-2004

Faculty Honors Council – 2002-2004

Member of Quality of Student Life Committee – 2001-2002

Reviewed, selected and interviewed candidates for Operations Management positions at *Decision Sciences Institute* conference, San Francisco, California-Fall 2001. Actively involved in recruiting efforts during Fall 2001 and Spring 2002.

Reviewed, selected and interviewed candidates for Operations Management positions at Academy of Management conference, Washington, D.C.-Summer 2001

Collected, organized and assigned faculty members to College Committees for Faculty Federation President. 2001 and 2002

➤ **COMMUNITY SERVICE**

Member of Board of Education (elected position) – Pomfret, CT 2009-Present

Collected over 2000 pounds of non-perishable food from undergraduate classes and donated proceeds to food pantries at St. Teresa's Avilla Church and Our Lady of Good Help.

FACULTY DEVELOPMENT

➤ **OFF-CAMPUS FACULTY DEVELOPMENT ACTIVITIES**

Breakfast of Champions Attendee - Presented by RACE for Performance Excellence - February 13, 2003

Attended Boston Production/Operations Management Pancake Society - October 11, 2002

Attended one day seminar on quality - Presented by RACE for Performance Excellence - November 15, 2001

Breakfast of Champions Attendee - Presented by RACE for Performance Excellence - October 15, 2001

➤ **ON-CAMPUS FACULTY DEVELOPMENT ACTIVITIES**

Attended Diversity Program on October 3, 2002.

Attended Structural Equation Modeling Workshop on January 16, 2003.

PROFESSIONAL ACTIVITIES

➤ PROFESSIONAL ACTIVITIES

Member of Board of Examiners for the Rhode Island Annual Quality Award – 2003-2007

Attended three day long sessions and completed approximately 60 hours of outside the classroom effort on a case study that used the Malcolm Baldrige criteria for evaluation purposes. The case study was subsequently graded and accepted. Only four of the original eighteen candidates succeeded in passing this process related exam. I was part of a five member team of quality examiners that used the Malcolm Baldrige Criteria to evaluate a Rhode Island company's quality application for the Rhode Island Annual Quality Award in 2006.

Guest Lecturer to Dr. Paul Mangiameli's graduate Operations Management class. University of Rhode Island, April - 2004

Presenter at March 16, 2000 dinner meeting of Rhode Island Section of American Society for Quality. Presentation entitled "Definitions and Measurements of Quality within U.S. Based Manufacturing Supply Chains".

➤ EDITORIAL ACTIVITIES

Reviewer, *Journal of Business Research*, 2009.

Reviewer, *Journal of Operations Management*, *International Journal of Operations and Production Management*, *Supply Chain Management: An International Journal* and *E + M Econometrics and Management*. 2000 – 2008.

Editorial Advisory Board of *International Journal of Business & Economics*. 2002-2006

Reviewer of colleagues' papers and dissertations when requested. 2000 - present

ACADEMIC AWARDS, HONORS, FELLOWSHIPS, AND GRANTS

Honorable Mention - 2009 Best Case Studies Award Competition at the Annual Meeting of the Decision Sciences Institute in New Orleans in November 2009. Case and teaching note entitled "Banneker Industries – Your Strategic Sourcing Solution".

Awarded a Fulbright Scholar grant to lecture at the University of Hradec Kralove and the University of Pardubice in the Czech Republic during the Spring 2007 semester. I taught master's level and doctoral level courses for the Faculty of Informatics and Management, University of Hradec Kralove and the Faculty of Economics and Administration, University of Pardubice. Both courses involve operations management and quality as topics of interest.

Awarded a contingency needs grant of \$60,000 from the State of Connecticut and administered through the State of Connecticut Office of Policy and Management for development of a Boundless Playgrounds® Project at Owen Bell Park, Killingly, Connecticut. – 2007

Awarded a reimbursement-based challenge grant of \$75,000 from the State of Connecticut through a grant to Boundless Playgrounds® and administered by the Connecticut Department of Environmental Protection, for development of a Boundless Playgrounds® Project at Owen Bell Park, Killingly, Connecticut. - 2005

Tenure and Promotion – 2006

Bryant University Parity Award – 2006

Bryant College Merit Award – 2003 and 2008

Elected to Xi Psi Chapter of Delta Sigma PI, Bryant College - 2003

Elected to Alpha Chapter of Beta Gamma Sigma, University of Rhode Island - 2001

Co-principal investigator of \$9,982 research grant funded by American Society for Quality. “A Detailed Examination of Surveyed Quality in U.S. Industries: Improving Definition and Assessment of Quality through Survey Design” - 1999.

Recipient of the 1995 Quality Achievement Team Award from the Whirlpool Corporation.

PROFESSIONAL EXPERIENCE OUTSIDE OF ACADEMIA-EXPANDED

Stanley Engineered Components

New Britain, CT

Project Manager

1993 - 1996

Initiated ideas for new and existing oven door latching mechanisms. Coordinated efforts to estimate, design, prototype, test and mass-produce cost effective products for the appliance industry. Provided the technical interface with the sales force, vendors and customers for new designs and applications. Customers included Whirlpool, General Electric, Jenn-Air and Maytag.

Revere Aerospace, Inc.

Wallingford, CT

Senior Mechanical Design Engineer

1992 - 1993

Project leader of a concurrent engineering team that was responsible for the creation of an accepted business plan for a resistance temperature detector (RTD) line. Introduction of this new product line involved evaluation of the necessary organizational and operating requirements. A thorough analysis of the market, program schedule, risks, facility layout, quality system, equipment and labor costs was presented to upper management and corporate personnel. Responsible for creating low level RTD, magnetic speed sensor, proximity switch and float switch designs. Customers included Sikorsky Aircraft, Pratt & Whitney, Hamilton Standard and Textron Lycoming.

Eaton, Pressure Sensors Division

Bethel, CT

Senior Mechanical Development Engineer

1989 - 1992

Responsible for assisting in the creation of a new product line involving temperature sensors for both commercial and military, including nuclear, applications. Development duties included customer inquiry, quote review, proposal writing, hardware development, design presentation, creation of the drawing package, qualification of design and implementation into the production system. Customers included Boeing Aircraft (777), Pratt & Whitney, Rocketdyne (Space Shuttle Engines), Sundstrand (B-2 Bomber) and Rolls Royce Trent.

Kaman Aerospace Corporation

Bloomfield, CT

Mechanical Project Development Engineer

1987 - 1989

Responsible for primary test plans, cost estimates, systems development, hardware procurement and analysis of all aspects of new test rigs and their components. Duties included conception of test plan, budget allotment, schedule adherence, evaluation, and installation of all interfacing hardware required for test simulation and data acquisition. Customers included Navy and Army.

United Technologies Research Center

East Hartford, CT

Mechanical Research Engineer

1985 - 1987

Responsible for the development of aero/gas dynamic programs on a level that provided analysis and technical support throughout hardware selection, procurement, installation and interfacing, facility

shakedown, data acquisition, testing and report presentation. Testing was performed in the Jet Burner Test Stands and Wind Tunnels. Customers included Pratt & Whitney, Hamilton Standard, Sikorsky Aircraft and Airforce.