

Curriculum Vitae

Abel A. Fernandez, PhD, PE

EDUCATION

Ph.D. in Industrial Engineering University of Central Florida Orlando, FL	August 1995
B.S., Electric Power Engineering M.E., Electric Power Engineering M.B.A. Rensselaer Polytechnic Institute Troy, NY	August 1974 May 1976 May 1976

PROFESSIONAL REGISTRATION

Registered Professional Engineer #47583, State of Texas

EXPERIENCE:

<i>University of the Pacific</i> Stockton, CA	<i>August 2000 – Present</i>
Professor Associate Professor	2006 – Present 2000 – 2006
Director of Engineering Management Program	2000 – Present
<i>Old Dominion University</i> Norfolk, VA	<i>August 1995 – May 2000</i>
Assistant Professor Department of Engineering Management	
<i>NASA Graduate Student Researcher Fellow</i> Kennedy Space Center, FL	<i>1993 - August 1995</i>

Full time study for the degree of Ph.D. in Industrial Engineering. Research topic was the optimization of resource constrained project schedules with stochastic task durations. The specific application examined was the shuttle orbiter ground processing at Kennedy Space Center.

University of Central Florida **1988 - 1993**
Orlando, FL 32816

Professional Development Grant *Fall 1993*

Competitively awarded University grant providing full leave for one semester.

Assistant Chair and Instructor *1991 - 1993*
Department of Industrial Engineering and Management Systems

Administrative and teaching responsibilities, with 50% time allocation to each of these duties. Administrative responsibility within the Department included the day to day operations, including budget management, undergraduate student advising, class scheduling, student recruitment and other similar duties.

Director of Industrial Relations *1988 - 1991*
College of Engineering

Led effort for communication and cooperation between the College of Engineering and industry and was the primary responsible party for developing linkages between the College of Engineering and external organizations. Areas of concentration included research, scholarships, grant development and internal publications. Responsible for the identification of needs and potential resources to meet these needs.

Harris Corporation, Controls Division **1978 - 1988**
Melbourne, FL 32981

Director, Product Marketing *1986 - 1988*

Manager, Applications Engineering *1984 - 1986*

Section Head, Applications Engineering *1983 - 1984*

Systems Engineer *1978 - 1983*

Progressively more responsible positions within the systems/applications engineering department of the Controls Division of the Harris Corporation, a Fortune 250 company. The final position held, Director, is designated as an executive position within the Harris corporate labor classifications. In this position was responsible for all applications engineering and strategic planning for the Division. The latter included formulation of business plans, product requirements documents and approval of all standard product specifications for the Division.

TRW Controls **1976 - 1978**
Houston, TX

Power Systems Analyst *1976 - 1978*

Design of advanced applications software for real-time computer based control systems for electric power utilities.

SCHOLARLY ACTIVITIES

BOOK CHAPTERS

Kauffmann, Paul J., Kim, Kwang-Jae, and Fernandez, Abel A., "Use of a Logit Choice Model for Evaluating Advanced Technology Feasibility." *Economic Evaluation of Advanced Technologies: Techniques and Case Studies*, Edited by Jerome P. Lavelle, Hampton R. Liggett, and Hamid R. Parsaei, New York, Taylor and Francis Publishers, 2002, pp. 69-82.

Fernandez, A., Jacobs, D., Kauffman, P., Sizemore, D., "Assessing Community Fire Risk: A Decision Analysis Based Approach", *Applied Fire Science in Transition Series, Volume IV, Special Problems in Fire Protection Engineering*, Edited by Paul R. De Cicco, Baywood Publishing Company, Inc., Volume IV, 2000, pages 67-76.

SCHOLARLY ACTIVITIES

REFEREED JOURNALS

Saviz, C., Fernandez, A., Basha, E , "Formal Service Learning Opportunities: Engineering Internships in Social Entrepreneurship Organizations", *International Journal of Service Learning in Engineering*, Spring 2012, V7, No. 1.

Abel, K., Fernandez, A., "ABET Accreditation of Engineering Management Programs: Established Versus New Programs – the Similarities and Differences", *Engineering Management Journal*, March 2005, V17, N1, pages 3-7.

Chambers, D., Fernandez, A., "The Quality of Learning", *Quality Progress*, V37, N3, March 2004, pages 50-56.

Wagner-Weicke, C., Kaur, S., Fernandez, A., Jain, R., "Application of a Method for Selecting and Evaluating Environmental Technologies with Commercial Potential", *International Journal of Technology Transfer and Commercialisation*, V2, N4, 2003.

Kauffmann, P., Jacobs, D., Fernandez, A., "Use of Bayesian Probabilities to Identify and Improve Distribution Center Error Rates", *Production and Inventory Management Journal*, V43, N1/2, 2002, pages 1-5.

Kauffmann, P., Fernandez, A., Keating, C., Jacobs, D., Unal, R. "Using Quality Function Deployment to Select the Courses and Topics that Enhance Program Effectiveness", *Journal of Engineering Education*, V91, N2, April 2002, pp. 231-238.

Keating, C., Fernandez, A., Jacobs, D., Kauffmann, P., "A Methodology of Analysis of Complex Sociotechnical Processes", *Business Process Management Journal*, V. 7, No. 1, 2001.

Jacobs, D., Fernandez, A., and Keating, C., "Analyzing High Technology Complex Processes: A Study in a Research-Oriented Organization", *Research and Technology Management Journal*, V. 43, No.2, 2000, pages 8-12.

Kauffmann, P., Unal, R., Fernandez, A., Keating, C., "A Model for Allocating Resources to Research Programs by Evaluating Technical Importance and Research Productivity", *Engineering Management Journal*, V 12, No. 1, 2000, pages 5-8.

Jacobs, D., Keating, C. and Fernandez, A., "Team Based Approach for Sociotechnical Analysis of Complex Processes", *Engineering Management Journal*, V 12, No. 1, 2000, pages 15-22.

Fernandez, A., Jacobs, D., Keating, C. and Kauffmann, P., "A Market Attraction Model for Predicting the U.S. Market Share of Large Civil Aircraft", *Journal of Air Transport Management*, V 6, No. 1, 1999, pages 3-11.

Fernandez, A., Jacobs, D., Kauffman, P., Sizemore, D., "Assessing Community Fire Risk: A Decision Analysis Based Approach", *Journal of Applied Fire Science*, V 8, No. 3, 1999 pages 195-214.

Fernandez, A., Armacost, R. and Pet-Edwards, J., "Understanding Simulation Solutions to Resource Constrained Project Scheduling Problems with Stochastic Task Durations", *Engineering Management Journal*, V 10, No. 4, December 1998, pages 5 - 13.

Fernandez, A. "Definitive Scenario Standard Edition Release 2.0: A Decision Analysis Tool for the Masses", *OR/MS Today*, August 1998, pages 50-54.

Fernandez, A. "Expert Choice Professional Version 9.0 for Windows: A Software Review", *OR/MS Today*, August 1996, pages 80 -84.

SCHOLARLY ACTIVITIES

REFEREED INTERNATIONAL AND NATIONAL PROCEEDINGS

"Engineering Internships in Social Entrepreneurship: Developing Partnerships and Student Perspectives"; Saviz, C., Fernandez, A., et al., ASEE National Conference June 2011.

Burmeister, J., C. Saviz, and A. Fernandez, "Homework Habits: If it is Broken, Fix It," published on "Tomorrow's Professor," website maintained by the Stanford Center for Teaching and Learning. <http://ctl.stanford.edu/Tomprof/postings.html> . Oct 2011; Paper #780.

Saviz, C., Fernandez, A., Mathews, C., Hughes, K., Kalend, M., "Faculty and Student Use of Tablet PCs: Perspectives on their Pedagogical Effectiveness", 2008 ASEE National Conference, June 2008.

Fernandez, A., Saviz, C., Burmeister, J., "Homework as an Outcome Assessment: Relationships Between Homework and Test Performance", 2006 ASEE National Conference, July 2006. Nominated for Best Paper Award 2006 ASEE National Conference.

Burmeister, J., Fernandez, A., Ausban, K. "Dynamic statics: lights, camera, action", *Proceedings of the ASEE Spring 2005 Conference*, April 2005, PS.05-10.

Burmeister, J. and Fernandez, A. "Dynamic statics: preliminary cooperative learning findings", *Proceedings of the ASEE Spring 2004 Conference*, April 2004.

Martin, J. and Fernandez, A., "Knowledge Management Assessment Strategy: How Does One Measure Success?", *Proceedings of the 24th National Conference of the American Society for Engineering Management*, October 2003.

Martin, James (A. Fernandez, Faculty Advisor), "Implementing a Corporate Knowledge Management Vision at a Plant Level: Will Management Adopt the Concept?", *Proceedings of the 17th National Conference on Undergraduate Research*, March 2003.

Weick, C.W., Kaur, S., Fernandez, A., "Application of a Method for Selecting and Evaluating Environmental Technologies with Commercial Applications", *Proceedings of NTTC Conference*, July 2002.

Kauffmann, Paul, Fernandez, Abel, Keating, Charles, Jacobs, Derya, Unal, Resit, "Selection of Curricular Topics Using Extensions of Quality Function Deployment", *Proceedings of the 2000 American Society for Engineering Education Conference*, June 2000.

Kauffmann, Paul, Fernandez, Abel, Keating, Charles, "Using Conditional Probability to Develop a Distribution Center SPC Plan", *Proceedings of the 2000 Industrial Engineering Research Conference*, May 2000.

Fernandez, Abel A., Jacobs, Derya A., Kauffmann Paul J., and Keating, Charles, "Forecasting Market Share of U.S. Commercial Aircraft Producers Using ARIMA Models", *Proceedings of the 20th National Conference of the American Society for Engineering Management*, October 1999.

Fernandez, Abel A., Jacobs, Derya A., Kauffmann Paul J., and Keating, Charles, "A Logit Regression Model for Predicting U.S. Market Share of Large Civil Aircraft", *Proceedings of the 20th National Conference of the American Society for Engineering Management*, October 1999, pages 198-205.

Fernandez, A., Jacobs, D., Kauffman, P., Keating, C., "AHP and the Assessment of Community Fire Risk in the City of Hampton, Virginia", *Proceedings of the 1999 Portland International Conference on Management of Engineering and Technology*, July 1999.

Kaufmann, P., Fernandez, A., and Keating, C., "A QFD Decision Model for Selecting Service, Teaching, and Research Opportunities", *Proceedings of the 1999 Annual Conference of American Society for Engineering Education – New Engineering Educators Division*, April 1999.

Fernandez, A., Armacost, R. and Pet-Edwards, J., "Understanding Simulation Solutions to Resource Constrained Project Scheduling Problems with Stochastic Task Durations", *Proceedings of the 19th National Conference of the American Society for Engineering Management*, October 1998, pages 7-14.

Fernandez, A., Armacost, R. and Pet-Edwards, J., "A Model for the Stochastic Resource Constrained Project Scheduling Problem With Stochastic Task Durations", *Proceedings of the 6th Industrial Engineering Research Conference* (invited paper), May 1998.

Fernandez, A., "A Market Share Prediction Model for the United States Commercial Jet Aircraft Industry", *Proceedings of the 1998 International Conference on Industry, Engineering and Management Systems*, March 1998, pages 362-367.

Fernandez, A., Davis, S. and Vaden, D., "Expanding Athletic Field Capacity in the City of Newport News: AHP as a Tool for Making Difficult Public Sector Decisions", *Proceedings of the 18th National Conference of the American Society for Engineering Management*, October 1997, pages 105-112.

Cochrane, M. and Fernandez, A., "Minimizing Post-Production Weight Growth in Tanks Using a Decision Analysis Model", *Proceedings of the 18th National Conference of the American Society for Engineering Management*, October 1997, pages 21-30.

Cummings, S. and Fernandez, A., "Evaluation of Airport Operating Efficiencies Using Data Envelopment Analysis", *Proceedings of the 18th National Conference of the American Society for Engineering Management*, October 1997, pages 89-94.

Fernandez, A. and Schockcor, J., "Simulation As a Tool for Evaluating the Market Impact of NASA Aeronautics Research", *Proceedings of the 1997 Portland International Conference on Management of Engineering and Technology*, July 1997, pages 209-212.

Fernandez, A., Armacost, R. and Pet-Edwards, J., "A Dynamic Mean Valued Solution to the Stochastic Resource Constrained Project Scheduling Problem", *Proceedings of the 5th Industrial Engineering Research Conference* (invited paper), May 1997, pages 397 - 402.

Fernandez, A. "Modeling, Problem Solving and Becoming an Effective Practitioner: A Capstone Course for a Master's Program in Operations Research/Systems Analysis", *Proceedings of the 1996 Decision Sciences Institute Annual Meeting*, November 1996, pages 1018 - 1021.

Fernandez, A., Armacost, R. and Pet-Edwards, J., "The Implicit Assumptions of Existing PERT Mathematical Models: A Contrast to a Decision Stage Model", *Proceedings of the 5th Industrial Engineering Research Conference*, May 1996, pages 257 - 262.

Fernandez, A., Armacost, R., and Pet-Edwards, J., "The Role of the Nonanticipativity Constraint in Commercially Available Software for Stochastic Project Scheduling", *Proceedings of the 19th International Conference on Computers and Industrial Engineering*, March 1996, pages 233 - 236.

Fernandez, A., Biegel, J. and Earhart, J., "An Expert System for Undergraduate Advising", *Computers and Industrial Engineering*, April 1993, pages 87 - 91.

SCHOLARLY ACTIVITIES

REFEREED REGIONAL PROCEEDINGS

Fernandez, A., Bao, H., and Ozcan, C., "Top Down or Bottom Up Cost Estimation Models: Is the Added Complexity Justifiable?" *Proceedings of the 1997 Annual Northeast Decision Sciences Meeting*, April 1997, pages 320-322.

Fernandez, A., Armacost, R. and Swart, W., "The Optimal Solution to the Stochastic Resource Constrained Project Scheduling Problem", *Proceedings of the 1995 Annual Meeting of the Northeast Decision Sciences Institute*, March 1995, pages 150 - 153.

SCHOLARLY ACTIVITIES

TECHNICAL REPORTS

Fernandez, A., Saviz, C., "Student Enrollment: Statistics, Retention and Projections", Stockton, CA, 30 August 2005, 13 pages.

Fernandez, A., "Bill of Material Verification Statistical Study", Harper Brush West Co., Stockton, CA, May 2002, 6 pages.

Wagner-Weicke, C., Fernandez, A. and Jain, R., "Technological Incubation", Report TEPC-2001-2, Robert C. Bird National Technology Transfer Center, December 2001, 72 pages.

Fernandez, A., Wagner-Weicke, C. and Jain, R., "Technology Transfer Process Framework", Report TEPC-2001-3, Robert C. Bird National Technology Transfer Center, December 2001, 76 pages.

Fernandez, A., Keating, C., "Value Engineering Analysis for the U.S. Navy", April, 1999 (20 pages).

Fernandez, A., "A Review of the J. Berk Report Entitled: An Analysis of Actions Taken by Defense Systems Corporation's MK 214 and MK 216 Claims for Equitable Adjustment", September 4, 1998 (20 pages).

Fernandez, A., "Analysis and Comments: Impact of Rule 4 Supplement Update 29 July 1998", September 4, 1998 (27 pages).

Fernandez, A., "A Review of the J. Berk Report Entitled: An Analysis of Non-claims Related Direct Labor Costs on the MK 214 and MK 216 Production Programs", September 4, 1998 (62 pages).

Fernandez, A., Manning, E. and Rawls, G. "Equitable Adjustment Claims Analysis", July 1, 1998 (117 pages).

Fernandez, A., Bao, H., Ozcan, M., Johnston, J., Cooper, R., "Re-Certification Process Review - Raytheon Missile Systems Company", June 26, 1998 (18 pages).

Fernandez, A., "U.S. Market Share Predictor Models and Forecast Through the Year 2016", report submitted to the Logistics Management Institute, November 1997 (56 pages).

Fernandez, A., "U.S. Market Share Predictor Models and Forecast Through the Year 2016", report submitted to the Logistics Management Institute, September 1997 (112 pages).

Fernandez, A., "Historical Market Share Analysis: Commercial Aircraft Industry", report submitted to the Logistics Management Institute, June 1997 (77 pages).

Bao, H. and Fernandez, "Final Report on Fleet Modernization Program - Design Services Allocation - Application of Statistical Methods", final report for U.S. Navy Pricefighters Department, September 1996 (25 pages).

Fernandez, A., "An Impact Analysis of the Integrated Wing Design Project", NASA Langley Research Center, final report for the work done under 1996 NASA/ASEE Summer Faculty Fellowship Program (35 pages).

Fernandez, A., "The Optimal Solution to Resource Constrained Project Schedules with Stochastic Task Durations", *Research and Technology 1995 Annual Report*, NASA John F. Kennedy Space Center (2 pages).

Fernandez, A., "Optimization of Stochastic Resource-Constrained Project Schedules", *Research and Technology 1994 Annual Report*, NASA John F. Kennedy Space Center (2 pages).

PRESENTATIONS NOT PUBLISHED

Blackstock, Dexter and Fernandez, A., "A Student Perspective of a Capstone Course for Engineering Management", *18th National Conference of the American Society for Engineering Management*, October 1997.

GRANTS AWARDED:

Saviz, C., Fernandez, A. (co-PIs), "Sustainable energy use for the Stockton Campus", Scholarly/Artistic Activity Grant, March 2008, \$3,150.

Khoie, R., Saviz, C., Fernandez, A., (co-PIs), "Technology Equipment Grant", Hewlett Packard Foundation, Spring 2006, \$69,000.

Fernandez, A., "FMEA Applied to an Automotive Supplier", Parker Hannifin Corporation, Racor Division, Fall 2005, \$5,000.

Khoie, R., Saviz, C., Fernandez, A., Watson, K., Gholambari, M. (co-PIs), "First year student retention", SIA, Fall 2005, \$20,000.

Fernandez, A. (co-PI) and Burmeister, J. (co-PI), "Statics in the Field: Injecting Practice into Theory", CAPD Travel and Small Projects Grant, University of the Pacific, November 2003, \$2,300.

Fernandez, A. (Principal Investigator), "Decoy Missile Study - Continued Work", U.S. Navy, Norfolk, Virginia, Spring 1999, \$18,530

Fernandez, A. (P.I.), Manufacturing Process Improvements, Varga Brakes, Chesapeake, VA, Fall 1998, \$13,545

Fernandez, A. (P.I.), "Decoy Missile Study - Continued Work", U.S. Navy, Norfolk, Virginia, Fall 1998, \$10,923

Fernandez, A. (P.I.), Manufacturing Simulation Model, Varga Brakes, Chesapeake, VA, Fall 1998, \$11,526

Prabhakaran, R. (PI), Razzaq, Z. (PI), Jacobs, D. (PI), Fernandez, A. (PI), Cooper, J.(coP.I.),, PAC-3 Mentor/Protégé Composite Testing and Manufacturing Process Improvements, Lockheed Martin Vought, Dallas, TX, Fall 1998, \$251,000

Fernandez, A. (coP.I.), Tomahawk Missile Process Analysis, U.S. Navy, Norfolk, VA, Fall 1997, \$24,941

Fernandez, A. (P.I.), Decoy Missile Study, U.S. Navy, Norfolk, VA, Fall 1997, \$18,622

Fernandez, A. (P.I.), Market Share Model, Logistics Management Institute, McLean, VA, Spring 1997, \$53,649

Fernandez, A. (coP.I.), Workshops in Industrial Engineering, U.S. Navy, Norfolk, VA, Spring 1997, \$22,564

Extension NASA/ASEE Summer Faculty Fellow, Langley Research Center, Hampton, VA, Summer 1996, \$1,000

NASA/ASEE Summer Faculty Fellow, Langley Research Center, Hampton, VA, Summer 1996, \$10,000

Bao, H. (P.I.) and Fernandez, A. (co-P.I.), DSA Predictor Model, Navy Price Fighters, Norfolk, Virginia (Fernandez, coP.I.), Spring 1996, \$20,000

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Society for Engineering Management
American Society for Engineering Education
Phi Kappa Phi (academic honor society)
Alpha Pi Mu (Industrial Engineering honor society)
Tau Beta Pi (Engineering Honor Society)

HONORS, AWARDS AND PRIZES:

Nomination: Best Paper Award 2006 ASEE National Conference for the paper: "Homework as an Outcome Assessment: Relationships Between Homework and Test Performance"; Fernandez, A., Saviz, C., Burmeister, J.

Professor of the Year, University of the Annual award given by the Associated Students of Engineering to a faculty member of the School of Engineering and Computer Science.	2005-06
Hoefler Prize for Student-Faculty Research; University of the Pacific prize to encourage, recognize, and reward the "teacher-scholar model for faculty which supports teaching and student learning as the primary activities while recognizing scholarship and research as vital to that enterprise."	May 2004
Best Paper, 2000 American Society for Engineering Education National Conference, Engineering Management Division.	Summer 2000
Best Paper, 1999 American Society for Engineering Management National Conference.	Fall 1999
Special Award for Contribution to the American Society for Engineering Management	Fall 1999
Finalist, Merritt Williamson Best Paper Award, 1998 Annual Conference American Society for Engineering Management	Fall 1998
1998-99 Fulbright Program, recommended by Council for International Exchange of Scholars.	Spring 1998
1997 Summer Faculty Fellow, Old Dominion University	Summer 1997
Finalist - Best Research Presentation Competition 1996 NASA/ASEE Summer Faculty Fellowship Program	August 1996
1996 Summer Faculty Fellow, Old Dominion University	Summer 1996
1994 ORSA Doctoral Colloquium, invited participant.	October 1994
1994 Decision Sciences Doctoral Student Consortium, invited participant.	November 1994
University Advisor of the Year, University of Central Florida, Nominee 1992 - 1993	
Faculty Advisor of the Year, Department of Industrial Engineering	1992 - 1993
Faculty Advisor of the Year, Department of Industrial Engineering	1991 - 1992

SERVICE ACTIVITIES - UNIVERSITY

University of the Pacific

Director, Engineering Management Program, 2000- Present
Athletic Advisory Board, member 2007- Present
Faculty Search Committee, Chair (Engineering Management), 2013-Present
Professional Relations Committee, member 2006- 2008
Faculty Grievance Committee, member 2006- 2009

University Sustainability Action Group, 2007 - 2009
Dean's (School of Engineering) 5 Year Performance Evaluation Committee, Co-Chair, 2005-06
Dean Search Committee (Eberdhart School of Business), 2005-06
Faculty Search Committee (Civil Engineering), 2005-06
Program Review Panel for General Education, 2003-04
Academic Council, member 2002- 2004
Board of Directors, Community Involvement Program 2000- 2003
Program Review Panel for Physics Department, 2001-02
Member, Graduate Studies Committee, 2000-01

Old Dominion University

Member, Global Engineering Education Task Force, 1998-99.
Scholarship Committee, College of Engineering and Technology, 1998-99.
Member, Student Senate Minority Affairs Committee, Faculty Senate, 1997-98.
Member, Student Senate Minority Affairs Committee, Faculty Senate, 1997-98.
Member, Honorary Degrees Committee, Faculty Senate, 1997-98.
Member, Faculty Search Committee, Dept. of Engineering Management, 1997-98.
Member, Chair Search Committee, Dept. of Engineering Management, 1997-98.
Scholarship Committee, College of Engineering and Technology, 1997-98.
Mentor, NASA SHARP Summer Fellowship Program, Summer 1997.
Member, Faculty Search Committee, Dept. of Engineering Management, 1996-97.
Marshall, University Commencement, May 1996, December 1995.
Member, Honorary Degrees Committee, Faculty Senate, 1996-97.
Ceremonies and Awards Committee, College of Engineering and Technology, 1996-97, 1995 – 96.
Chair, Latin America Area Studies Group, 1995-96.
Partnerships for Scholars: Faculty-Student Mentor Program (mentee: Ms. Sheila Harris, freshman, Computer Engineering), 1995–96.

SERVICE ACTIVITIES - DISCIPLINE

Panelist, 2011 California Conference for Diversity in Graduate Education, University of California, Berkeley

Panelist, 2010 California Conference for Diversity in Graduate Education, University of San Francisco

Panelist, 2009 California Conference for Diversity in Graduate Education, University of California, Davis

Panelist, 2008 California Conference for Diversity in Graduate Education, University of California, Berkeley.

Reviewer, "*Project Management: A Managerial Approach*", by Meredith, J.R. and Mantel, S.J., 7th Edition, for KMK Editorial Services (Greenville, NC), on behalf of John Wiley & Sons

Panelist, 2007 California Conference for Diversity in Graduate Education, University of California, Davis.

Panelist, 2006 California Conference for Diversity in Graduate Education, Mills College.

Panelist, 2005 California Conference for Diversity in Graduate Education, California State University, Sacramento.

Referee, International Journal of Technology Transfer and Commercialisation (IJTTC), "A Framework for Evaluating New Technologies", 7 June 2004.

Reviewer, 2nd Edition, *Project Management: A Managerial Process*, Gray, C. and Larson, E., McGraw-Hill/Irwin, December 2003.

Referee, *International Journal of Technology Transfer and Commercialisation (IJTTC)*, "Implementation Considerations for Development of a Web Based Decision Support System for Risk Based Corrective Analysis by V. Uddameri, 15 January 2002.

Referee, *International Journal of Technology Transfer and Commercialisation (IJTTC)*, "Development and Commercialization – Innovative Environmental Technologies" by J. Sanchez and C. Garcia, 15 January 2002.

Referee, 2000 Merritt A. Williamson Award, *American Society for Engineering Management*, October 2000.

Editorial Board, *Engineering Management Journal*, 1999-02.

Program Committee Member, *1999 Portland International Conference on Management of Engineering and Technology*, July 1999.

Referee, *Proceedings of the 1999 Portland International Conference on Management of Engineering and Technology*, July 1999.

Technical Program Co-chair, 19th National Conference American Society for Engineering Management, October 1998.

Member, Doctoral Student Affairs Committee, Decision Sciences Institute, Fall 1997.

Seminar, "Using the Analytic Hierarchy Process for Decision Making", Dept. of Mechanical Engineering, Old Dominion University, November 1997.

Technical Program Co-chair, 18th National Conference American Society for Engineering Management, October 1997.

Referee, *IIE Engineering & Management Press*, review of manuscript "The Masters' Secrets to Success", May 1997.

Discussant, *Proceedings of the 1997 Annual Northeast Decision Sciences Meeting*, April 1997.

Referee, *Proceedings of the 1996 Decision Sciences Institute Annual Meeting*, November 1996.

Referee, *Proceedings of the 5th Industrial Engineering Research Conference*, May 1996.

Referee, *Proceedings of the 19th International Conference on Computers and Industrial Engineering*, March 1996.

STUDENT SCHOLARLY ACTIVITY

Thesis and Dissertation advisement

Master's Thesis, Scott Cummings, "Evaluation of Airport Operating Efficiencies Using Data Envelopment Analysis", (graduated May 1998).

Master's Thesis, Michael Cochrane, "Post-Production Weight Growth in Armored Combat Vehicles: A Decision Support Model", (graduated December 1997).

Ph.D. Dissertation, William Eldred, "An Evaluation of the COCOMO 2.0 Early Design Model As a Predictor of Software Development Cost Using Function Points As an Input", Department of Engineering Management, (graduated December 1998).

Ph.D. Dissertation, Cathy C. Roberts, "Processes for Managing Uncertainty with Contingency Planning", Department of Computer Science, (graduated May 1998).

Ph.D. Dissertation, Daniela M. Rosca, "A Decision Making Methodology in Support of the Business Rules Lifecycle", Department of Computer Science, (graduated December 1997).

Master's Thesis, James L. Bagley, "A Proposed Approach to ISO 9000 Compliance and Validation for Metrology Laboratories", Department of Engineering Management, (graduated December 1997).

Ph.D. Dissertation, Richard Monroe, "A Synthesized Methodology for Eliciting Expert Judgment for Addressing Uncertainty in Decision Analysis", Department of Engineering Management, (graduated August 1997).

Master's Thesis, Richard E. Marriner, "The NOAA Corps - A Participant Action Research of A Uniformed Service Facing Termination", Department of Engineering Management, (graduated August 1996).