

VITAE

Robert D. Plante

OFFICE ADDRESS:

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PERSONAL:

Marital Status: Married
Date of Birth: February 7, 1948

EDUCATION:

Ph.D. Business Administration with concentration in Management Science,
University of Georgia, 1980.
B.S. Physics, Worcester Polytechnic Institute, 1970.

MILITARY SERVICE:

Electronic Intelligence Officer, USASA, 1970-74, Highest Rank - 1st Lieutenant,
Honorable Discharge.

ACADEMIC POSITIONS:

2008 - **Lewis B. Cullman University Chair** of Management,
Purdue University, West Lafayette, Indiana
2002 - 2007 **James Brooke Henderson University Professor** of Management,
Purdue University, West Lafayette, Indiana
1990 - 2001 **Professor** of Management,
Purdue University, West Lafayette, Indiana
1985 - 1989 **Associate Professor** of Management.
Purdue University, West Lafayette, Indiana
1980 - 1984 **Assistant Professor** of Management,
Purdue University, West Lafayette, Indiana

ADMINISTRATIVE POSITIONS:

- 1986 Chairperson of the Committee on Manufacturing Management, Krannert Graduate School of Management, Purdue University, West Lafayette, Indiana.
- The output of this committee established the framework which Resulted in the creation of the Center for the Management of Manufacturing Enterprises (CMME), and the development of Undergraduate and Graduate majors/minors in Manufacturing Management.
- 1990-1993 Director of Professional Master's Programs in Management, Krannert Graduate School of Management, Purdue University, West Lafayette, Indiana.
- Completely revised the 2-year Master of Science program in Management and the 1-year Master of Science Program in Industrial Administration. The restructured curriculum features two eight-week modules instead of the traditional sixteen-week semester. The shorter modules lighten up the core requirement load, provide students greater exposure to a variety of courses, and permit them to take electives during the first year. The revised programs were launched in 1993. In 1994, the Krannert programs broke into the top 20 for the first time in *Business Week's* and in *U.S. News & World Report's* ranking of the top MBA programs.
- 1998-1999 Director of Doctoral Programs and Research in Management and Economics, Krannert Graduate School of Management, Purdue University, West Lafayette, Indiana.
- Established a Doctoral Program budget and developed resources that permitted a significant increase in the monthly stipend, travel and research support of doctoral students in Management and Economics. Initiated teaching and research awards to recognize and promote outstanding teaching by PhD students and to recognize outstanding research grant proposals. Doubled the number of doctoral fellowships used to attract top candidates, and completely redesigned the PhD website which resulted in a substantial increase in inquiries and applications to the Krannert Doctoral Programs.
- 1999-2000 Associate Dean and Department Head, Krannert Graduate School of Management, Purdue University, West Lafayette, Indiana.
- Initiated faculty research awards, revised annual faculty evaluation processes, developed a flexible spreadsheet math programming model for merit-based salary increases, and coordinated/monitored the recruiting, promotion, budget and personnel decision processes within the school of Management (including acting as liaison between the school of Management and the University with respect to these decisions). Instituted weekly meetings with students and administrators of the Doctoral, Master's, and Undergraduate programs, and initiated a review of the Doctoral programs. Participated in the development of a strategic plan and an administrative structure which created the position of Senior Associate Dean. Participated in the establishment and monitoring of decision processes for several initiatives, including the German International School for Management and Administration

(GISMA), new building (Rawls Hall), and the Center for E-Business Education and Research (CEER).

- 2000- 2006 Senior Associate Dean and Department Head, Krannert Graduate School of Management, Purdue University, West Lafayette, Indiana.
- Developed and implemented plans for achieving a 35% growth in faculty. Developed and implemented plans for new faculty orientation and development. Participated in continued annual revisions of Krannert's Strategic Plan and in the establishment of undergraduate fees to assist in the funding of the Strategic Plan. Developed and implemented an incentive plan to encourage faculty to pursue external funding for their research. Supported the development of Krannert's Global Supply Chain Initiative (GSCMI) and Asian Initiative, resulting in both sponsored research and student undergraduate and graduate programs in India and China. Developed and encouraged an instructional staff model that resulted in both improved teaching and increased research productivity. Doubled the number of chaired faculty positions to assist in attracting and retaining outstanding faculty.

CONSULTING:

STB (Simply The Best), Juarez, Mexico.
STB (Simply The Best), El Paso, Texas.
Thomson Consumer Electronics, Marion, Indiana
Thomson Consumer Electronics, Circleville, Ohio
Thomson Consumer Electronics, Scranton, Pennsylvania
Northrop-Grumman, Chicago, Illinois.
Thomson Consumer Electronics, Torean, Mexico.
Thomson Consumer Electronics, Juarez, Mexico.
Thomson Consumer Electronics, El Paso, Texas.
Thomson Consumer Electronics, Indianapolis, Indiana.
Turbine Metal Technology, Tujunga, California.
Eli Lilly and Company, Clinton Laboratories, Clinton, Indiana.
Eli Lilly and Company, Tippecanoe Laboratories, Lafayette, Indiana.
Addison-Wesley Publishing Company, Reading, Massachusetts.
TWA, Kansas City, Kansas.
Sifco, Miami, Florida.
Greenwich Air, Miami, Florida.
Chromizing, Gardena, California.
Aviall, Dallas, Texas.
M&M Aircraft Services, Miami, Florida.
Manufacturing Support Services Corporation, Roswell, Georgia.
Pacific Airmotive Corporation, Burbank, California.
Turbine Components Corporation, Branford, Connecticut.
United States Navy, Cherry Point, North Carolina.
United States Airforce, Tinker AFB, Oklahoma City, Oklahoma.
Pratt and Whitney Aircraft Group, East Hartford, Connecticut.
Eastern Airlines, Miami, Florida.
US Air, Pittsburgh, Pennsylvania.
The L.S. Starrett Company, Athol, Massachusetts.
Prentice-Hall Inc., Englewood Cliffs, New Jersey.
Touche Ross and Company, Chicago, Illinois.

PROFESSIONAL ASSOCIATIONS:

The Institute For Operations Research and the Management Sciences
American Statistical Association
Decision Sciences Institute
Production and Operations Management Society

PROFESSIONAL ACTIVITIES:

Area Editor: *Production and Operations Management*

Editorial Board: *Strategic Management Journal, International Journal for Business and Information*

Journal Referee: *Management Science, INFOR, Applications in Management Science, Decision Support Systems, Naval Research Logistics Quarterly, Decision Sciences, Production and Operations Management, European Journal of Operational Research, Strategic Management Journal, IEEE Transactions on Engineering Management, Journal of Quality Technology, Computers and Operations Research, IIE Transactions, OMEGA, Quality & Reliability Engineering International, and National Science Foundation proposals.*

TIMS President's Advisory Committee on Academic/Practitioner Interaction, 1983-84.

Session Chairperson, Author at National Conferences, 1980-present.

HONORARY SOCIETIES:

Beta Gamma Sigma

Omega Rho

Listed in: *Who'sWho in America* (A.N. Marquis),
Who'sWho in American Education (A.N. Marquis),
Who'sWho in Science and Engineering (A.N. Marquis),
Who'sWho in the World (A.N. Marquis).

COURSES TAUGHT:

Ph.D. Level:

Multivariate Statistics/Forecasting
Nonmetric and Nonparametric Methods
Research Seminars in Management Science

Masters Level (Including Executive Education Program):

Probability and Statistics
Mathematical Programming
Total Quality Management

Undergraduate Level:
Probability and Statistics
Mathematical Programming
Total Quality Management

TEACHING AWARDS:

The Salgo-Noren Foundation award for the outstanding teacher in graduate business administration - MBA.

The award for best graduate elective course (Total Quality Management) - MBA.

The AlliedSignal Excellence in Teaching Award - MBA

Academic Leadership Fellow, Purdue University.

Excellence in Teaching Award – Executive MBA.

Outstanding Professor – Executive MBA.

Ph.D. THESES SUPERVISED:

Kwei Tang, "General Bayesian Models for Multiattribute Acceptance Sampling," Purdue University, 1984.

David Rogers, "Aggregation Theory in Optimization and Markovian Theory: A Survey and Analysis of Aggregation in Markov Chains," Purdue University, 1986.

David Diener, "Forecasting Air Base Operability in a Hostile Environment: Estimating Meta models from Large-Scale Simulations," Purdue University, 1989.

Young H. Chun, "Optimal Ordering and Best Selection Strategies for the Group Alternative Problem," Purdue University, 1990.

Don Wardell, "Statistical Process Control Charts for Correlated Processes in Discrete Manufacturing," Purdue University, 1990. This Dissertation won the 1991 *Production and Operations Management* dissertation competition and placed as one of three finalists for the 1991 *Decision Sciences* dissertation competition.

Jeff Duffy, "Essays on Product Design, and Manufacturing Decisions," Purdue University, 1994.

Tomi Seppala, "Nonparametric Statistical Process Control: Bootstrap Control Charts," Purdue University, 1994.

Robert Yeh, "Robust Conjoint Analysis," Purdue University, 1998.

Binling Lu, "Coordination Strategies for Products with Short Life Cycle in a Capacitated Channel," Purdue University, 2004.

Cheng-Hung Hu, "Step-Stress Accelerated Life Tests: Inference and Design," Purdue University, 2012.

Weijia Wang, "Organizational Learning and Knowledge Depreciation in Supplier Quality Improvement," Purdue University, 2012.

REFEREED PUBLICATIONS:

62. "Maintenance Outsourcing: Sustaining System Coordination," (with A. Alexander and Y. Li), submitted to to ***IIE Transactions on Quality and Reliability Engineering***, 2015.
61. "Minimum Cost Allocation of Quality Improvement Targets: The Effects of Forgetting and Knowledge Decay," (with W. Wang and J. Tang), submitted to ***Naval Research Logistics***, 2016.
60. "Equivalent Step-Stress Accelerated Life Tests with Log-Location-Scale Lifetime Distributions under Type-I Censoring," (with C. Hu and J. Tang), ***IIE Transactions on Quality and Reliability Engineering***, Vol. 47, No. 3, pp. 245-257, March, 2015.
59. "Statistical Equivalency and Optimality of Simple Step-Stress Accelerated Test Plans for the Exponential Distribution," (with C. Hu and J. Tang), ***Naval Research Logistics***, Vol. 60, No. 1, pp. 19-30, February, 2013.
58. "Minimum Cost Allocation of Quality Improvement Targets Under Supplier Process Disruption," (with W. Wang and J. Tang), ***European Journal of Operational Research***, Vol. 228, No. 2, pp. 388-396, July, 2013.
57. "Step-Stress Accelerated Life Tests – A Proportional Hazards Based Nonparametric Model," (with C. Hu and J. Tang), ***IIE Transactions on Quality and Reliability Engineering***, Vol. 44, pp. 754-764, 2012.
56. "Consumer Data Analysis and Its Managerial Application for the Grocery Industry,"(with R. Yeh and D. Agrawal), ***Journal of Promotion Management***, Vol. 17, No. 1, pp. 96-113, March, 2011.
55. "Maintenance Outsourcing Contracts for New Technology Adoptions," (with F. Tseng, K. Tang, and H. Moskowitz), ***IEEE Transactions on Engineering Management***, Vol. 56, No. 2, pp. 203-218, May, 2009.
54. "Learning with Continuous Depreciation of Knowledge,"(with I. Kim, H. Moskowitz, H. Seo, and K. Tang), ***International Journal of Operations and Quantitative Management***, Vol. 13, No. 2, pp. 77-94, 2007.
53. "A Self-Starting Procedure for Monitoring Process Quality in Multistage Manufacturing Systems,"(with P. Zantek and G.P. Wright), ***IIE Transactions on Quality and Reliability Engineering***, Vol. 38, No. 4, pp. 293-308, April, 2006.
52. "Maintenance Outsourcing of Multi-Stage Manufacturing Systems with Multiple Contractors,"(with H. Tarakci, K. Tang, and H. Moskowitz), ***IIE Transactions on Design and Manufacturing***, Vol. 38, No. 1, pp. 67-78, January, 2006.
51. "Incentive Maintenance Contracts for Channel Coordination and Improvement,"(with H. Tarakci, K. Tang, and H. Moskowitz), ***IIE Transactions on Quality and Reliability Engineering***, Vol. 38, No. 8, pp. 619-632, August, 2006.
50. "Interactive Multi-Criteria Optimization for Multiple Response Product and Process

- Design,"(with M. Koksalan), ***Manufacturing & Service Operations Management***, Vol. 5, No. 4, pp.334-347, Fall, 2003.
49. "Investing in Quality under Autonomous and Induced Learning,"(with D. Serel, M. Dada, and H. Moskowitz), ***IIE Transactions on Quality and Reliability Engineering***, Vol. 35, No. 6, June, 2003.
48. "Process and Product Improvement in Manufacturing Systems with Correlated Stages,"(with P. Zantek and G.P. Wright), ***Management Science***, Vol. 48, No. 5, pp. 591-606, May, 2002.
47. "Combinatorial Optimization and The Art of Gas Turbine Engine Maintenance," ***International Journal of Operations and Quantitative Management***, Vol. 7, No. 2, pp. 75-93, June, 2002.
46. "Multivariate Tolerance Design for a Quadratic Design Parameter Model," ***IIE Transactions on Quality and Reliability Engineering***, Vol. 34, No. 6, pp. 565-571, June, 2002.
45. "Product and Process Yield Estimation with Gaussian Quadrature (GQ) Reduction: Improvements over the GQ Full Factorial Approach," (with S. Liu, H. Moskowitz and P. Preckel), ***European Journal of Operational Research***, Vol. 140, No. 3, pp. 655-669, 2002.
44. "Buying and Selling an Asset Over the Finite Time Horizon: A Non-parametric Approach," (with Y. Chun and H. Schneider), ***European Journal of Operational Research***, Vol. 136, No. 1, pp. 106-120, January, 2002.
43. "Allocation of Quality Improvement Targets Based on Investments in Learning,"(with H. Moskowitz and J. Tang), ***Naval Research Logistics***, Vol. 48, No. 8, pp. 684-709, December, 2001.
42. "Process Capability: A Criterion for Optimizing Multiple Response Product and Process Design," ***IIE Transactions on Quality and Reliability Engineering***, Vol. 33, No. 6, pp. 497-509, June, 2001.
41. "Multivariate Tolerance Design Using Quality Loss,"(with J. Duffy and H. Moskowitz), ***IIE Transactions on Quality and Reliability Engineering***, Vol. 33, No. 6, pp. 437-448, June, 2001.
40. "Selection and Sequencing Heuristics to Reduce Variance in Gas Turbine Engine Nozzle Assemblies," (with P. Johanns and T. Lowe), ***European Journal of Operational Research***, Vol. 132, No. 3, pp. 490-504, August, 2001.
39. "Allocation of Variance Reduction Targets Under the Influence of Supplier Interaction," ***International Journal of Production Research***, Vol. 38, No. 12, pp. 2815-2827, August, 2000.
38. "Improving Quality via Matching: A Case Study Integrating Supplier and Manufacturer Quality Performance,"(with J. Duffy, H. Moskowitz, and J. Tang), ***Manufacturing & Service Operations Management***, Vol. 1, No. 1, pp. 36-49, 1999.
37. "Multicriteria Models for the Allocation of Design Parameter Targets," ***European Journal of Operational Research***, Vol. 115, No. 1, pp. 98-112, May, 1999.

36. "The Partial Information Case for Multivariate Tolerance Design Using Scrap or Rework Costs," (with J. Duffy and H. Moskowitz), ***International Journal of Production Research***, Vol. 37, No. 1, pp. 139-154, January, 1999.
35. "Assessing Multivariate Process/Product Yield via Discrete Point Approximation," (with J. Duffy, S. Lin, H. Moskowitz, and P. Preckel), ***IIE Transactions on Quality and Reliability Engineering***, Vol. 30, No. 6, pp. 535-543, 1998.
34. "Dynamic Graphical Assessment of Interaction Effects in Design of Experiments," (with H. Moskowitz), ***Production and Operations Management***, Vol. 6, No. 4, pp. 357-372, 1997.
33. "Single Threshold Selection Strategy in the Full Information Group Interview Problem," (with Y.H. Chun and H. Moskowitz), ***INFORMtion Systems and Operational Research***, Vol. 35, No. 3, pp. 157-169, August, 1997.
32. "Sequencing a Set of Alternatives Under Time Constraints," (with Y.H. Chun and H. Moskowitz), ***Journal of the Operational Research Society***, Vol. 36, pp. 1133-1144, September, 1995.
31. "Response to Comments on Wardell, Moskowitz and Plante (1994)," (with D. Wardell and H. Moskowitz), ***Technometrics***, Vol. 37, No.1, pp. 243-245, May, 1995.
30. "Statistical Process Control via The Subgroup Bootstrap," (with T. Seppala, H. Moskowitz and J. Tang), ***Journal of Quality Technology***, Vol. 27, No. 2, pp. 139-153, April, 1995.
29. "Use of Run Length Distributions of Control Charts to Detect False Alarms," (with H. Moskowitz and D. Wardell), ***Production and Operations Management***, Vol. 3, No. 3, pp. 217-239, Summer, 1994.
28. "Effect of Process Failure Mechanisms on Economic X-bar Control Charts," (with H. Moskowitz and Y.H. Chun), ***IIE Transactions on Quality and Reliability Engineering***, Vol. 26, No. 6, pp. 12-21, November, 1994.
27. "Run Length Distributions of Residual Control Charts for ARMA(p,1) Correlated Processes," (with H. Moskowitz and D. Wardell), ***Journal of Quality Technology***, Vol. 26, No. 4, pp. 308-317, October, 1994.
26. "Dynamic Programming Formulation of the Group Interview Problem with a General Utility Function," (with Y.H. Chun and H. Moskowitz), ***European Journal of Operational Research***, Vol. 78, No. 1, pp. 81-92, October, 1994.
25. "Effect of Quality Loss Functions on the Economic Design of X-bar Process Control Charts," (with H. Moskowitz and Y.H. Chun), ***European Journal of Operational Research***, Vol. 72, No. 2, pp. 333-349, January, 1994.
24. "Run Length Distributions for Special-Cause Control Charts," (with H. Moskowitz and D. Wardell), ***Technometrics***, Vol. 36, No. 1, pp. 3-17, February, 1994.
23. "Rejoinder," (with H. Moskowitz and D. Wardell), ***Technometrics***, Vol. 36, No. 1, pp. 23-27, February, 1994.
22. "Optimal Selection Strategy for the Group Interview Problem," (with Y.H. Chun

- and H. Moskowitz), **Decision Sciences**, Vol 24, No. 2, pp. 295-313, April, 1993.
21. "Estimating Equilibrium Probabilities for Band Diagonal Markov Chains Using Aggregation and Disaggregation Techniques," (with D. Rogers), **Computers & Operations Research**, Vol. 20, No. 8, pp. 857-877, October, 1993.
 20. "A Multistage Screening Model for Evaluation and Control of Misclassification Error in the Detection of Hypertension," (with H. Moskowitz and H. T. Tsai), **Management Science**, Vol. 39, No. 3, pp. 307-321, March, 1993.
 19. "Control Charts in the Presence of Data Correlation," (with H. Moskowitz and D. Wardell), **Management Science**, Vol. 38, No. 8, pp. 1084-1105, August, 1992.
 18. "Aggregation Techniques and Methodology in Optimization," (with D. Rogers, R. Wong, and J. Evans), **Operations Research**, Vol. 39, No. 4, pp. 553-582, August, 1991.
 17. "Comparative Performance of Two Multinomial-Based Methods for Obtaining Lower Bounds on The Total Overstatement Error in Accounting Populations," (with E. Matsumura, K. Tsui, and P. Kannan), **Journal of Business and Economic Statistics**, Vol. 9, No. 4, pp. 423-429, October, 1991.
 16. "Single-Sided Economic Screening Models Incorporating Individual Unit Misclassification Error and Risk Preference," (with H. Moskowitz and H.T. Tsai), **European Journal of Operational Research**, Vol. 53, No. 2, pp. 228-243, July, 1991.
 15. "The Nozzle Guide Vane Problem: Partitioning a Heterogeneous Inventory," (with A. Balakrishnan and R. Wong), **European Journal of Operational Research**, Vol. 35, No. 3, pp. 328-338, June, 1988.
 14. "The Nozzle Guide Vane Problem," **Operations Research**, Vol. 36, No. 1, pp. 18-33, January, 1988.
 13. "Partitioning and Balancing for the Assembly of Nozzle Guide Vanes in Gas Turbine Engines," (with R. Wong and T. Lowe), **Naval Research Logistics**, Vol. 34, No. 1, pp. 585-603, August, 1988.
 12. "Stepwise Inspection in Bayesian Multiattribute Acceptance Sampling," (with K. Tang and H. Moskowitz), **Naval Research Logistics**, Vol. 34, No. 4, pp. 469-485, August, 1987.
 11. "The Product Matrix Travelling Salesman Problem: An Application and Solution Heuristic," (with T. Lowe and R. Chandrasekaran), **Operations Research**, Vol. 35, No. 5, pp. 772-783, September, 1987.
 10. "An Economic Modelling Approach for the Determination of Materiality in Auditing," (with M. Crosby and K. Tang), **Decision Sciences**, Vol. 18, No. 1, pp. 108-115, January, 1987.
 9. "Multiattribute Bayesian Acceptance Sampling Under Nondestructive Inspection," (with K. Tang and H. Moskowitz), **Management Science**, Vol. 32, No. 6, pp. 739-750, June, 1986.
 8. "Multistage Multiattribute Acceptance Sampling in Serial Production Systems," (with H. Moskowitz and K. Tang), **IIE Transactions**, Vol. 18, No. 2, pp. 130-137, June, 1986.

7. "Comparative Performance of Multinomial, Cell, and Stringer Bounds," (with J. Neter and R. Leitch), ***Auditing: A Journal of Practice and Theory***, Vol. 5, No. 1, pp. 40-56, October, 1985.
6. "Multiattribute Bayesian Acceptance Sampling for Screening and Scrapping Rejected Lots," (with H. Moskowitz, K. Tang, and A. Ravindran), ***IIE Transactions***, Vol. 16, No. 2, pp. 185-192, June, 1984.
5. "Effect of Risk Aversion on Single Sample Attribute Inspection Plans," (with H. Moskowitz), ***Management Science***, Vol. 30, No. 10, pp. 1226-1237, October, 1984.
4. "A Lower Multinomial Bound for the Total Overstatement Error in Accounting Populations," (with J. Neter and R. Leitch), ***Management Science***, Vol. 30, No. 1, pp. 37-50, January, 1984.
3. "Algorithmic Improvements for Obtaining the Upper Multinomial Bound," (with P. Sinha), ***TIMS Studies in the Management Sciences: Optimization in Statistics***, (ed. S. Zanakis and J. Rustagi), November, 1982.
2. "Modified Multinomial Bounds for Larger Numbers of Errors in Audits," (with R. Leitch, J. Neter, and P. Sinha), ***The Accounting Review***, Vol. 57, No. 2, pp. 384-400, April, 1982.
1. "Implementation of Upper Multinomial Bound Using Clustering," (with R. Leitch, J. Neter, and P. Sinha), ***Journal of the American Statistical Association***, Vol. 76, No. 375, pp. 530-533, September, 1981.

PROFESSIONAL MEETINGS/PRESENTATIONS:

"Analytical and Computational Study of Ibaraki's Modified Binary Search Algorithm," INFORMS, Fall 2015.

"Manufacturer's Profit in Maintenance Outsourcing with Menu Contract," INFORMS, Minneapolis, MN, October, 2013.

"Statistical Equivalency and Optimality of Simple Step-Stress Accelerated Test Plans for the Exponential Distribution," INFORMS 2011 annual meeting, Charlotte, NC, USA 2011.

"Spreading Our Wings," International Business School Shanghai Conference, Antai College of Economics & Management, Shanghai Jiao Tong University, Shanghai, China, March 28-29, 2006.

"Position Analysis in Perceptual Mapping of Grocery Stores," Association of Marketing Theory and Practice, Hilton Head, South Carolina, March, 2003.

"Interactive Multi-Criteria Optimization for Multiple Response Product and Process Design," INFORMS, San Jose, California, October, 2002.

"Consumer Preference Analysis in Grocery Store Selection," Association of Marketing Theory and Practice, Savannah, Georgia, March, 2002.

"Process Capability: A Criterion for Optimizing Multiple Response Product and Process Design," II Congreso Regional Y IV Congreso Nacional De La Calidad Y Competitividad, San Jose, Costa Rica, September, 2000.

"Conjoint Analysis Review and Measuring Attribute Importance in a Consumer Preference Model," Association of Marketing Educators, 37th annual international conference, Canandaigua, New York, October, 1999.

"User Modeling for Technical Support Services by Utilizing Conjoint Methodology," ERGOCON, San Jose, California, May, 1998.

"A Fuzzy Set Approach in the Quantification of Technical Support Service Quality," HFES (Human Factors & Ergonomics), Chicago, October, 1998.

"Quality Control of Multistage Serial Manufacturing Processes," INFORMS, Atlanta, November, 1996.

"Optimal Partitioning of Groups in Selecting the Best Choice," DSI, Boston, November, 1995

"Interactive Design of Experiments for Robust Product/Process Design," ORSA/TIMS, Detroit, October, 1994.

"Statistical Process Control via The Subgroup Bootstrap," ORSA/TIMS, Detroit, October, 1994.

"Run Length Distribution of Special Cause Control Charts," ASQC/ASA, Rochester, October, 1994.

"Statistical Process Control via Subgroup Bootstrap," ORSA/TIMS, Phoenix, November, 1993.

"Bootstrap Methods in Statistical Process Control," EURO/TIMS, Helsinki, Finland, June, 1992.

"Learn, Understand, Improve," Keynote Address, ASQC, W. Lafayette, Indiana, March, 1992.

"Single Threshold Selection Strategy in the Full Information Group Interview Problem," DSI, Miami, November, 1991.

"Optimal Partitioning of Groups in Selecting the Best Choice," ORSA/TIMS, Nashville, May, 1991.

"Quality Control of Correlated Multi-Stage Processes," ORSA/TIMS, Las Vegas, May, 1990.

"Control Charts in the Presence of Data Correlation," ORSA/TIMS, New York, October, 1989.

"The Secretary Problem with Group Interviews: Optimal Search Strategy with Sequentially Presented Batch Alternatives," ORSA/TIMS, New York, October, 1989.

"A Continuous Process Shift Model for the Economic Design of X-bar Process Control Charts," TIMS/ORSJ/APORS, Osaka, Japan, July, 1989.

"Combinatorial Optimization and the Art of Gas Turbine Engine Maintenance," OMEGA RHO quest Lecture, University of Cincinnati, May, 1989.

"Effect of Process Failure Mechanism on the Economic Design of X-bar Process Control Charts," CORS/TIMS/ORSA, Vancouver, May, 1989.

"Multistage Multiattribute Acceptance Sampling in Serial Production Systems," ORSA/TIMS, Los Angeles, April, 1986.

"An Economic Model for the Determination of Materiality in Auditing," ORSA/TIMS, Los Angeles, April, 1986.

"Stepwise Inspection in Bayesian Multiattribute Acceptance Sampling," ORSA/TIMS, April, 1986.

"The Product Matrix Travelling Salesman Problem: An Application and Solution Heuristic," ORSA/TIMS, Boston, April, 1985.

"Multiattribute Bayesian Acceptance Sampling Plans Under Nondestructive Inspection," ORSA/TIMS, Dallas, November, 1984.

"Multiattribute Bayesian Acceptance Sampling Plans for Screening and Scrapping Rejected Lots," ORSA/TIMS, Orlando, November, 1983.

"Dollar Unit Sampling: The Effect of Order of Taintings in Estimating a Bound on Total Overstatement Error," ORSA/TIMS, San Diego, October, 1982.

"Alternate Utility Functions in Single Sampling Inspection Plans," ORSA/TIMS, Houston, October, 1981.

"Algorithmic Improvements for Obtaining the Upper Multinomial Bound," CORS/TIMS/ORSA, Toronto, May, 1981.

"Lower Multinomial Bound for Overstatement and Understatement Errors," DSI, Las Vegas, November, 1980.

"Use of Clustering to Extend Applicability of Upper Multinomial Bound," Joint Statistical Meetings of the American Statistical Association and the Biometric Society, Houston, August, 1980.