

ABBREVIATED CURRICULUM VITAE

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Education

- Ph.D** in Operations Research, January 1978.
Case Western Reserve University, Cleveland Ohio.
- M.S.** in Operations Research, June 1976.
Case Western Reserve University, Cleveland , Ohio.
- M.Sc.** in Electrical Engineering, May 1972.
Technion-Israel Institute of Technology, Haifa, Israel.
- B.Sc.** in Electrical Engineering, July 1969.
Technion- Israel Institute of Technology, Haifa, Israel.

Academic Positions

- 2009 - present Chair, Department of Decision Sciences & ITM, **Saint Louis University**, St. Louis, Missouri.
- 1985 - present Professor of Decision Sciences, **Saint Louis University**, St. Louis, Missouri.
- Fall 2005 Visiting Professor, Center for Optimization and Semantic Control, Department of Electrical and Systems Science, School of Engineering & Applied Science, **Washington University**, St. Louis, Missouri.
- Fall 1998 Visiting Professor, Systems Science and Mathematics Department, School of Engineering & Applied Science and John M. Olin School of Business, **Washington University**, St. Louis, Missouri

- 1991 - 1992 Visiting Professor, Department of Decision Sciences and Engineering Systems **Rensselaer Polytechnic Institute**, Troy, New York
- Fall 1989 Visiting Fellow, Department of Civil Engineering and Operations Research, **Princeton University**, Princeton, New Jersey.
- Spring 1989 Visiting Fellow, Department of Electrical Engineering, **Yale University**, New Haven, Connecticut.
- May 1988-
May 1989 Research Affiliate, **Jet Propulsion Laboratory**, **California Institute of Technology**, Pasadena, California
- Summer 1987 NASA-ASEE Faculty Fellow, **Jet Propulsion Laboratory**, **California Institute of Technology**, Pasadena, California.
- Spring 1985 Visiting Associate Professor, Sloan School of Management and Visiting Scientist, Operations Research Center, **Massachusetts Institute of Technology**, Cambridge, Massachusetts.
- Fall 1984 Visiting Scientist, Operations Research Center, **Massachusetts Institute of Technology**, Cambridge, Massachusetts.
- 1981 - 1985 Associate Professor of Management Sciences, **Saint Louis University**, St. Louis, Missouri.
- 1978 - 1981 Assistant Professor of Management Sciences, **Saint Louis University**, St. Louis, Missouri.

Publications

Books

1. Levary, Reuven R. and Neil E. Seitz, **Quantitative Methods for Capital Budgeting**, South-Western Publishing Co., Cincinnati, Ohio 1990 (including solution manual).
2. Levary, Reuven R., (editor), **Engineering Design: Better Results Through Operations Research Methods**, Volume 8 in the **Publications in Operations Research Series**, North-Holland Publishing Co., New York 1988.

Contributions to Books

1. Mathieu, R. and Reuven R. Levary, "Data Warehousing and Mining in Supply Chains" in John W. Wang (editor), **Encyclopedia of Data Warehousing and Mining**, Idea Group Publishing, Hershey, PA, 2006.
2. Levary, Reuven R. and Fred Niederman, "Managing the Virtual Corporation Using IT" in Luiz A. Joia (editor) **IT Based Management: Challenges and Solutions**, Idea Group Publishing, Hershey, PA, 2003.
3. Levary, Reuven R., "Engineering Design", in S.I. Gass and C.M. Harris (editors) **Encyclopedia of Operations Research and Management Science**, Second Edition, Kluwer Academic Publishers, Boston, 2001.
4. Levary, Reuven R., "The Role of Information Technology in Supply Chain Management" in **The Current State of Business Disciplines**, Vol 4, S.B. Dahiya (Ed.), Spellbound Publications, Rohtak (India), 1999.
5. McCoy, M.S. and Reuven R. Levary, "Expert System Design to Prioritize and Control the Information Provided to Pilots", in **Computational Intelligence in Software Engineering**, Pedrycz, W. and J.F. Peters (Eds.), World Scientific Publication Co., Singapore, 1998.
6. Levary, Reuven R., "Capital Budgeting", in S.I. Gass and C.M. Harris (editors) **Encyclopedia of Operations Research and Management Science**, Kluwer Academic Publishers, Boston, 1996 and 2001 editions.
7. Levary, Reuven R., "Introduction to Engineering Design Using Operations Research Methods," in Levary, Reuven R. (editor) **Engineering Design: Better Results Through Operations Research Methods**, North-Holland Publishing Co., New York, July 1988.
8. Levary, Reuven R., "Linear Programming and Extensions," in Levary, Reuven R. (editor), **Engineering Design, Better Results Through Operations Research Methods**, North-Holland Publishing Co., New York, July 1988.
9. Levary, Reuven R. and Burton V. Dean, "An Adaptive Model for Planning the Purchasing and Storage of Natural Gas," in Lev, B. (editor), **Energy Models and Studies**, North-Holland Publishing Co., Amsterdam, 1983.

Journal Articles

1. Levary, Reuven R. and Cesse Ip, "Determining The Relative Efficiency of Gynecological Departments Using DEA", **Applications of Management Science**, Vol. 13, 2009, pp. 261-273.
2. Levary, Reuven.R., "A Multiple Criteria Approach to Ranking Computer Operating Systems", **IT Professional**, Vol. 11, No.4, 2009, pp.17-23.

3. Levary, Reuven R., "Using the Analytic Hierarchy Process to Rank Foreign Suppliers Based on Supply Risks", **Computers & Industrial Engineering**, Vol. 55, No. 2, 2008, pp. 535-542.
4. Levary, Reuven R., "Ranking Foreign Suppliers Based on Supply Risk", **Supply Chain Management; An International Journal**, Vol. 12, No. 6, 2007, pp. 392-394.
5. Owens, S.F. and Reuven R. Levary, "An Adaptive Expert System Approach for Intrusion Detection", **International Journal of Security and Networks**, Vol. 1 No. 3/4, 2006, pp. 206-217.
6. Levary, Reuven R., D. Thompson, K. Kot and J. Brothers, "Radio Frequency Identification: Legal Aspects", **Richmond Journal of Law & Technology**, Vol. 12, Issue 1, 2005, pp. 1-18.
7. Levary, Reuven R., D. Thompson, K. Kot, and J. Brothers, "RFID, Electronic Eavesdropping and the Law", **RFID Journal**, www.rfidjournal.com/article/articleview/1401/1/133/, 2005.
8. Levary, Reuven R. and R. Mathieu, "Supply Chain's Emerging Trends", **Industrial Management**, July/August 2004, pp. 22-27.
9. Levary, Reuven R. and J. H. Zhao, "Country Attractiveness for Foreign Direct Investment in e-commerce", **International Journal of Technology Management**, Vol. 27, No. 4, 2004, pp. 357-368.
10. Owens, S. F. and Reuven R. Levary, "Evaluating Design Alternatives of an Extruded Food Production Line Using Simulation", **Simulation**, Vol. 78, No. 10, 2002, pp. 626-632.
11. Stock, Sara and Reuven R. Levary, "Windows XP: Another Court Battle for Microsoft?" **The John Marshall Journal of Computer & Information Technology**, Vol. 20, No.2, Winter 2002, pp. 193-205.
12. Owens, S. F. and Reuven R. Levary, "Evaluating the Impact of Electronic Data Interchange on the Ingredient Supply Chain of a Food Processing Company", **Supply Chain Management: An International Journal**, Vol. 7, No. 4, 2002, pp.200-211.
13. Zhao, H. and Reuven R. Levary, "Evaluation of Country Attractiveness for Foreign Direct Investment in the e-Retail Industry", **Multinational Business Review**, Vol. 10, No. 1, Spring 2002, pp. 1-10.
14. Irvine, S.R. and Reuven R. Levary, "A Hierarchical Approach for Validating Simulation Models", **International Journal of Computer Applications in Technology**, Vol. 15, Nos. 1/2/3, 2002, pp. 92-97.

15. Owens, S.F. and Reuven R. Levary, "Use of Computer Simulation to Evaluate Options for the Configuration of an Extruded Food Production Line", **Advances in Mathematical Programming and Financial Planning**, Vol. 6, 2001, pp. 219-231.
16. Levary, Reuven R. and R. Mathieu, "Hybrid Retail: Integrating E-Commerce and Physical Stores", **Industrial Management**, September-October 2000, pp. 6-13.
17. Levary, Reuven R., "Better Supply Chains Through Information Technology", **Industrial Management**, May-June 2000, pp.24-30.
18. Colbert, A., Reuven R. Levary and M. C. Shaner, "Determining the Relative Efficiency of MBA Programs Using DEA", **European Journal of Operational Research**, Vol. 125, No. 3, 2000, pp. 656-669.
19. McCoy, M.S. and Reuven R. Levary, "A Rule Based Pilot Performance Model", **The International Journal of Systems Science**, Vol. 31, No. 6, 2000, pp. 713-729.
20. Levary, Reuven R. and Ke Wan, "An Analytic Hierarchy Process Based Simulation Model for Entry Mode Decision Regarding Foreign Direct Investment", **OMEGA, The International Journal of Management Science**, Vol.27, 1999, pp.661-677.
21. Velayas, J.M. and Reuven R. Levary, "Planning Strategic Decisions via Data Envelopment and Entropy Analysis", **Advances in Mathematical Programming and Financial Planning**, Vol. 5, 1999, PP. 171-193.
22. Christie, P.M.J. and Reuven R. Levary, "Virtual Corporations: Recipe for Success", **Industrial Management**, July-August 1998, pp. 7-11.
23. Weigel, P.J. and Reuven R. Levary, "Using Simulation to Estimate the Uncertainty in Union Electric Company's Residential Customer Forecast", **International Journal of Global Energy Issues**, Vol. 10, Nos. 2-4, 1998, pp. 274-283.
24. Christie, P.M.J. and Reuven R. Levary, "The Use of Simulation in Planning the Transportation of Patients to Hospitals Following a Disaster", **Journal of Medical Systems**, Vol. 22, No. 5, 1998, pp. 289-300.
25. Irvine, S.R., Reuven R. Levary and M.S. McCoy, "The Impact of Judgmental Biases on the Validation of Simulation Models", **Simulation & Gaming**, Vol. 29, No. 2, June 1998, pp. 152-164.
26. Levary, Reuven R. and Ke Wan, "A Simulation Approach for Handling Uncertainty in the Analytic Hierarchy Process", **European Journal of Operational Research**, Vol. 106, 1998, pp.116-122.
27. Behrens, B. C. and Reuven R. Levary, "Some Practical Legal Aspects of Software Reverse Engineering", **Communications of the ACM**, Vol. 41, No. 2, 1998, pp. 27 - 29. The article is also included in **Intellectual Property in the Age of Universal Access**, 1999, pp. 19 - 21, a compilation of some of the most cited articles on technology and law published by the ACM.

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36. Levary, Reuven R., "Fundamentals of Computer Numerical Control", **International Journal of Computer Applications in Technology**, Vol. 8, No. 3/4, 1995, pp. 211-222.
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38. Levary, Reuven R. and M.L. Creamer, "Determining the Optimal Mix of Exercise Activities Using Mathematical Programming", **Medicine and Science in Sports and Exercise**, Vol. 27, No. 2, 1995, pp. 275-280.
39. Levary, Reuven R. and D. Han, "Choosing a Technological Forecasting Method", **Industrial Management**, Vol. 37, No. 1, 1995, pp. 14-18.
40. Malone, R.J. and Reuven R. Levary, "Computer Viruses: Legal Aspects", **Business Law Journal**, Vol. 4, No. 2, 1994, pp. 125-157.

41. Levary, E.F. and Reuven R. Levary, "A Dynamic Multi-Media Approach for Teaching Culture and the Flow of History Through Folk Dance," **Education and Training Technology International**, Vol. 31, No. 3, 1994, pp. 210-218.
42. Levary, Reuven R., "Programmable Automation In Manufacturing Systems," **Industrial Management**, Vol. 36, No. 3, 1994, pp. 21-26.
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44. Levary, Reuven R., "Fundamentals of Industrial Robots," **International Journal of Computer Applications in Technology**, Vol. 7, Nos. 1/2, 1994, pp. 55-66.
45. Levary, Reuven R., "Engineering Applications of Operations Research," **European Journal of Operational Research**, Vol. 72, 1994, pp. 32-42.
46. Levary, Reuven R., "Group Technology for Enhancing the Efficiency of Engineering Activities," **European Journal of Engineering Education**, Vol. 18, No. 3, 1993, pp. 277-283.
47. Levary, Reuven R., "Enhancing Competitive Advantage in Fast- Changing Manufacturing Environment," **Industrial Engineering**, December 1992, pp. 21-28.
48. Levary Reuven R., "On Rule-Based Artificial Neural Networks," **Kybernetes**, Vol. 21, No. 5, 1992, pp. 52-56.
49. Levary, Reuven R., "Just-in-Time Manufacturing," **European Journal of Engineering Education**, Vol. 17, No. 3, 1992, pp. 307-311.
50. Levary, Reuven R. and L.A. Madeo, "Expert System-User Integrated Adaptive Systems," **Expert Systems with Applications**, Vol. 3, 1991, pp. 489-498; also a paper presented at the ORSA/TIMS Joint National Meeting, Philadelphia, October 1990.
51. Levary, Reuven R., "Productivity as a Measure of Manufacturing Performance: A Tutorial," **European Journal of Engineering Education**, Vol. 16, No. 2, 1991, pp. 159-169.
52. Levary, Reuven R. and C.Y. Lin, "Modeling the Software Development Process Using an Expert Simulation System Having Fuzzy Logic," **Software-Practice & Experience**, Vol. 21, No. 2, 1991, pp. 133-148.
53. Levary, Reuven R. and Michael D. Renfro, "Application of Assembly Line Balancing Techniques to Installment Lending Operations of Commercial Banks," **Computers and Industrial Engineering**, Vol. 20, No. 1, 1991, pp. 105-109.
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55. Madeo, L.A. and Reuven R. Levary, "On Maintaining and Updating Expert Systems," **Expert Systems**, Vol. 7, No. 2, May 1990, pp. 121-123.
56. Hoyt, Eugene V. and Reuven R. Levary, "Assessing the Effects of Several Variables on Freight Train Fuel Consumption and Performance Using a Train Performance Simulator," **Transportation Research**, Vol. 24A, No. 2, 1990, pp. 99-112; also a paper presented at the ORSA/TIMS Joint National Meeting, Denver, October, 1988.
57. Boykin, R.F. and Reuven R. Levary, "A Simulation Model for Risk Analysis of Toxic Chemical Storage," **Computers and Industrial Engineering**, Vol.16, No. 4, 1989, pp. 559-570.
58. Lin, C.Y. and Reuven R. Levary, "Computer-Aided Software Development Process Design," **IEEE Transactions on Software Engineering**, Vol. 15, No. 9, September, 1989, pp. 1025-1037; also a paper presented at the TIMS/ORSA Joint National Meeting, Washington, D.C., April 1988.
59. Choi, T.S. and Reuven R. Levary, "Multi-national Capital Budgeting Using Chance-Constrained Goal Programming," **International Journal of Systems Science**, Vol. 20, No. 3, 1989, pp. 395-414.
60. Boykin, R.F. and Reuven R. Levary, "Risk Analysis Using Simulation for a Chemical Storage Problem," **Journal of Loss Prevention in the Process Industries**, Vol. 2, April 1989, pp. 108-113.
61. Levary, Reuven R., D.J. Synott and C.Y. Lin, "An Intelligent Dynamic Simulation Model for Designing Software Development Processes," **OMEGA, The International Journal of Management Science**, Vol. 16, No.6, 1988, pp. 569-575.
62. Irvine, Steven R. and Reuven R. Levary, "A Discrete-Event Simulation of the McDonnell Douglas Health Information Systems On-Line Executive," **Computers and Operations Research**, Vol. 15, No. 6, 1988, pp. 535-549.
63. Levary, Reuven R., "A Sequential Solution Procedure to Stochastic Capital Budgeting Models," **Computers and Industrial Engineering**, Vol. 14, No. 4, 1988, pp. 371-380.
64. McCoy, M.S. and Reuven R. Levary, "Augmenting Knowledge Acquisition Processes of Expert Systems with Human Performance Modeling Techniques," **IEEE Transactions on Systems, Man, and Cybernetics**, Vol. 18, No. 3, May-June 1988, pp. 467-472.
65. Levary, Reuven R. and C.Y. Lin, "Hybrid Expert Simulation System (HESS)," **Expert Systems**, Vol. 5, No. 2, May 1988, pp. 120-129.
66. Cotner, J.S. and Reuven R. Levary, "A Quadratic Programming Model for Determining Short-Term Multiple Currency Portfolios," **Opsearch**, Vol. 24, No. 4, 1987, pp. 218-227.

67. Levary, Reuven R. and T.S. Choi, "Entropy-Based Multiple Criteria for Capital Budgeting," **Computers and Industrial Engineering**, Vol. 12, No. 3, 1987, pp. 181-192.
68. Choi, T.S. and Reuven R. Levary, "Payback Method in Capital Budgeting: A New Insight," **Journal of Information and Optimization Sciences**, Vol. 8, No. 1, 1987, pp. 57-63.
69. Levary, Reuven R., T.S. Choi and I.W. Kwon, "An Information Based Approach for Aggregating Probability Assessments," **Asia-Pacific Journal of Operational Research**, Vol. 4, No.1, 1987, pp. 13-18.
70. Velayas, James M. and Reuven R. Levary, "Validation of Simulation Models Using Decision Theory," **Simulation**, Vol. 48, No. 3, March 1987, p. 87-92.
71. Levary, Reuven R. and Anne Schmitt, "Planning Facilities Layout in Clinical Laboratories Using a Group Decision-Making Process," **Computers and Industrial Engineering**, Vol. 10, No. 3, 1986, pp. 179-191.
72. Levary, Reuven R., "Optimal Control Problems with Multiple Goal Objectives," **Optimal Control Applications and Methods**, Vol. 7, 1986, pp. 201-207.
73. Levary, Reuven R. and W.D. Edwards, "Analysing the Impact of Adding a New Software System on Main Memory Usage," **The Computer Journal**, Vol. 29, No. 6, 1986, pp. 522-526.
74. Shands, Frances and Reuven R. Levary, "Weighting the Importance of Various Teacher Behaviors by Use of the Delphi Method," **Education**, Vol. 106, No. 3, Spring, 1986, pp. 306-320.
75. Levary, Reuven R., "Simulation as a Tool for the Analysis and Design of Systems," **European Journal of Engineering Education**, Vol. 11, No. 2, 1986, pp. 165-176.
76. Levary, Reuven R. and Anne Schmidt, "A Group Decision Making Process for Facility Layout in Hospital Clinical Laboratories," **Health Care Strategic Management**, Vol. 4, No. 2, February 1986, pp.11-17.
77. Levary, Reuven R., "Optimal Control Problems with Goal Objective Functions," **International Journal of Systems Science**, Vol. 17, No. 1, 1986, pp. 97-109; also Technical Report No. 184, Operations Research Center, M.I.T., November 1984.
78. Skitt, R.A. and Reuven R. Levary, "Vehicle Routing via Column Generation," **European Journal of Operational Research**, Vol. 21, No. 1, July 1985, pp. 65-76; also a paper presented at the XI International Symposium on Mathematical Programming, Bonn, West Germany, August 1982.

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80. Boykin, R.F. and Reuven R. Levary, "An Interactive Decision Support System for Analyzing Ship Voyage Alternatives," **Interfaces**, Vol. 15, No. 2, March-April 1985, pp. 81-84.
81. Levary, Reuven R. and S. Kalchik, "Facilities Layout-A Survey of Solution Procedures," **Computers and Industrial Engineering**, Vol. 9, No. 2, 1985, pp. 141-148.
82. Levary, Reuven R. and W.D. Edwards, "Planning Computer Memory Allocation: A Simulation Case Study," **Computers and Operations Research**, Vol. 12, No. 1, 1985, pp. 107-115.
83. Levary, Reuven R. and M.L. Avery, "On Practical Applications of Weighting Equities in a Portfolio via Goal Programming," **Opsearch**, Vol. 21, No. 4, December 1984, pp. 246-261; also a paper presented at the ORSA/TIMS Houston Joint National Meeting, October 1981.
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85. Levary, Reuven R., "An Experimental Sequential Solution Procedure to Stochastic Linear Programming Problems with 0-1 Variables," **International Journal of Systems Science**, Vol. 15, No. 10, 1984, pp. 1073-1085.
86. Boykin, R.F., R.A. Freeman and Reuven R. Levary, "Risk Assessment in a Chemical Storage Facility," **Management Science**, Vol. 30, No. 4, April 1984, pp. 512-517.
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90. Levary, Reuven R. and T.S. Choi, "Determination of Preemptive Priority Levels in Goal Programming via Entropy," **Advances in Management Studies**, Vol. 3, No. 1, 1984, pp. 45-56.

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92. Levary, Reuven R. and T.S. Choi, "A Linear Goal Programming Model for Planning the Exports of Emerging Countries," **Journal of the Operational Research Society**, Vol. 34, No. 11, 1983, pp. 1057-1067.
93. Levary, Reuven R., "Complex Calculations for Balloon Mortgages," **Mortgage Banking**, Vol. 44, No. 1, October 1983, pp. 100-106.
94. Levary, Reuven R. and K.K. Duke, "Some Aspects of Potential Disclosure of Confidential Computerized Legal Materials," **Computer/Law Journal**, Vol. IV, No. 1, Summer 1983, pp. 159-169; also in *Defense Law Journal*, Vol. 33, No. 5, December 1984, pp. 569-578.
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3. Levary, Reuven R. and R.A. Skitt, "A Decomposition Approach to Solve a Four-Level Distribution Problem," **Proceedings of the 1984 Conference of the Operations Research Society of Israel**, Beer-Sheva, Israel, May 1984, pp. 1-24.
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3. Levary, R.R., book review of **Production Management Systems**, edited by Falster, R. and A. Rolstadas, **European Journal of Operational Research**, Vol. 11, No. 1, September 1982, p. 96.
4. Levary, R.R., book review of **Practical Optimization**, by Gill, P.E., W. Murray and M.H. Wright, **European Journal of Operational Research**, Vol. 10, No. 4, August 1982, p. 413.
5. Levary, R.R., book review of **Spatial Development Planning: A Dynamic Convex Programming Approach**, by Fujita, Masahisa, **Annals of Regional Science**, Vol. XV, No. 2, July 1981, pp. 121-122.

Awards and Distinctions

1. Article entitled "Legal Aspects-Software Reverse Engineering and Copyright: Past, Present, and Future" published in **The John Marshall Law Review** (see list of publications) was selected to be included in the **National Law Journal's Worth Reading List**, March 2, 1998 edition.
2. Honored by **IEEE Computer Society** for "dedication, quality of work and expertise in reviewing articles" for its journal, 1995.
3. Received the Moving Spirit Award from the **Institute for Operations Research and the Management Sciences** for reactivating the Saint Louis Gateway Chapter and service as Chapter president, 1995.
4. Elected to the rank of **Fellow of the American Association for the Advancement of Science** "for contributions to research and teaching in the fields of operations research and management science", 1994.
5. A New Technology Disclosure, developed in collaboration with associates at the **Jet Propulsion Laboratory**, was selected as a Class I NASA Technical Brief, 1988.
6. Recipient of the **Burlington Northern Foundation Faculty Achievement Award** as the outstanding scholar at Saint Louis University for 1986.

7. Member of the **People to People Citizen Ambassador Program Delegation of Systems Engineering Professionals** to the People's Republic of China, May 1986.
8. Recipient of grants awarded by the Beaumont Faculty Development Fund, **Saint Louis University**, on the basis of competitively reviewed proposals, 1984, 1988.
9. Recipient of a summer research grant awarded by the School of Business and Administration, **Saint Louis University**, on the basis of competitively reviewed proposals, 1979.
10. Profiled in the **St. Louis Business Journal's** annual section "Who's Who in Technology", May 12, 1997.
11. Listed in **Who's Who in the World**, 7th edition, 1984-1985, 8th edition, 1987-1988, and 9th edition, 1989-1990.
12. Listed in **Who's Who in Frontier Science and Technology**, 1st edition, 1984-1985, and 2nd edition, 1985-1986.
13. Listed in **Who's Who in the Midwest**, 1992-1993.

Editorial Responsibilities

1. Associate Editor for **Opsearch**, 1990 - 2001
2. Associate Editor for **Simulation**, in charge of Mathematical Modeling, 1985 – 2002
3. Member of Editorial Board of the following Journals:
 - Supply Chain Management: An International Journal**, 2002-2010
 - IEEE Transactions on Engineering Management**, 1986 - 2002
 - Computers and Operations Research**, 1986 - 2006
 - International Transactions in Operational Research**, 1995 - present
 - International Journal of Operations and Production Management**, 1985 - 1995..
4. Member of Editorial Board for **Annals of Operations Research**, Vol. 91 (volume title, "Reliability and Maintenance in Production Control"), 1999.
5. Guest Co-Editor for the **International Transactions in Operational Research**, Vol. 3, No. 1, 1996; Vol. 4, No. 1, 1997.
6. Consulting Editor to Elsevier Science Publishing Company for artificial intelligence and expert systems in management sciences, 1985-1989.

7. Served as referee to papers submitted to **IEEE Transactions on Engineering Management; Management Science; Energy Models and Studies; Computers and Operations Research; Academy of Management Journal; IEEE Transactions on Systems, Man, and Cybernetics; Opsearch; Simulation; European Journal of Operational Research; Management Science in Higher Education; Decision Sciences; International Journal of Operations and Production Management; IEEE Computer Magazine; Optimal Control-Applications & Methods; OMEGA; Interfaces; International Journal of Man-Machine Studies; IEEE Transactions on Knowledge and Data Engineering; The Transactions of the Society for Computer Simulation; Mathematical and Computer Modeling; Annals of Operations Research; Journal of Intelligent Systems; International Journal of Production Economics; Journal of International Business Studies; Production and Operations Management; Engineering Optimization; Mathematical and Computer Modeling; Computer & Mathematics with Applications; Central European Journal of Operations Research; Journal of Organizational and End-User Computing; and Journal of Data Base Management.**

Presentations Made at Professional Society Meetings

1. Owens, S.F. and Reuven R. Levary, "Intrusion Detection Using Adoptive Expert System", paper presented at INFORMS Pittsburgh National Meeting, October 2006.
2. Irvine, S.R. and Reuven R. Levary, "Systematic Approach to Simulation Model Validation", paper presented at INFORMS Dallas National Meeting, October 1997.
3. Wan, Ke and Reuven R. Levary, " An AHP-Based Simulation Model for Determining the Entry Mode of Foreign Direct Investment", paper presented at INFORMS Atlanta National Meeting, November 1996.
4. McCoy, M.S. and Reuven R. Levary, "A Rule-Based Pilot Performance Model", paper presented at IFORS Specialized Conference on OR and Engineering Design, St. Louis, October 1995.
5. Wan, Ke and Reuven R. Levary, "Simulation Based Analytic Hierarchy Process", paper presented at INFORMS Los Angeles National Meeting, April 1995.
6. Myers, K.H. and Reuven R. Levary, "Capacity Expansion Analysis in a Chemical Plant", paper presented at the ORSA/TIMS Detroit National Meeting, October 1994.
7. Mittenthal J. and Reuven R. Levary, "Analysis of a Flexible Machine Serving Two Manufacturing Processes," paper presented at TIMS/ORSA Chicago Joint National Meeting, May 1993.
8. McCoy, M.C. and Reuven R. Levary, "A Knowledge-Based Human Operator Model," paper presented at the ORSA/TIMS San Francisco Joint National Meeting, November 1992.

9. Wan, Ke and Reuven R. Levary, "A Price Negotiation Based Model for Contracting Shipping Companies," paper presented at the TIMS/ORSA Orlando Joint National Meeting, April 1992.
10. Velayas, J.M. and Reuven R. Levary, "Strategic Management Decision Support in a Competitive Environment Utilizing Data Envelopment Analysis and Entropy," paper presented at the ORSA/TIMS Anaheim Joint National Meeting, November 1991.
11. Levary, Reuven R. and C.Y. Lin, "Software Engineering Process Simulation Using Expert System Technology Having Fuzzy Logic", paper presented at the ORSA/TIMS New York Joint National Meeting, October 1989.
12. Grimmett, D.R. and R.R. Levary, "Simulation of a Typical PERT Network," paper presented at ORSA/TIMS St. Louis Joint National Meeting, October 1987.
13. Levary, Reuven R., "An Experimental Sequential Solution Procedure to Stochastic Capital Budgeting Models," a paper presented at the ORSA/TIMS Miami Beach Joint National Meeting, October 1986.
14. Levary, Reuven R., "Experimental Sequential Optimization of Stochastic LP Problems with 0-1 Variables," paper presented at the ORSA/TIMS Atlanta Joint National Meeting, November 1985.
15. Levary, Reuven R. and T.S. Choi, "Multiple Criteria Capital Budgeting via Entropy," paper presented at the ORSA/TIMS Orlando Joint National Meeting, November 1983.
16. Levary, Reuven R. and T.S. Choi, "A Zero-One Stochastic Programming Model for Audit-Staff Scheduling," paper presented at the ORSA/TIMS San Diego Joint National Meeting, October 1982.
17. Levary, Reuven R., "Production and Marketing Effort Planning via Nonlinear Goal Programming," paper presented at the ORSA/TIMS Colorado Springs Joint National Meeting, November 1980.
18. Levary, Reuven R. and Burton V. Dean, "A Multi Periods Energy Allocation Model Under Conditions of Severe Energy Shortages," paper presented at the ORSA/TIMS Atlanta Joint National Meeting, November 1977.
19. Levary, Reuven R., Burton V. Dean and Leon S. Lasdon, "A Preliminary Energy Network Flow Model for the State of Ohio," paper presented at the ORSA/TIMS San Francisco Joint National Meeting, May 1977.

Doctoral Dissertation Supervision

1. Irvine, S.R., **Systematic Approach to Simulation Model Validation**, 1998. Currently, he is a consultant with Bradford Galt Consulting Services.

2. Wan, K., **An Analytic Hierarchy Process Based Simulation Model for Entry Mode Decision of Foreign Direct Investment**, 1997. Currently, he is the Director of the Center for E-Commerce Research and Professor of MIS at the University of Science and Technology of China, Hefei, China.
3. McCoy, M.S., **A Rule-Based Pilot Performance Model**, 1995. Currently he is a Management Science Analyst at Boeing Corporation, St. Louis, Missouri.
4. Velayas, J.M., **Strategic Management Decision Support for a Firm in Pursuit of the Displaced Ideal Utilizing Data Envelopment Analysis and Entropy**, 1992. Currently, he is Associate Director of Corporate Research at Southwestern Bell Company, San Antonio, Texas.
5. Boykin, Raymond, F., **A Simulation Model for Risk Analysis of Toxic Chemical Storage**, 1986. Currently, he is a Professor at California State University, Chico.
6. Choi, Tae S., **A Stochastic Multiple Objectives Mathematical Programming Model for Multinational Capital Budgeting**, 1985. Currently, he is a Professor at Inha University, Korea.

Service to The International Federation of Operational Research Societies

1. IFORS' United National Liaison, 1995 -2009.
2. Member, IFORS Publication Committee, 1995 - present.
3. General Chairman, IFORS SPC 4 Conference on Operations Research and Engineering Design, St. Louis, Missouri, October 24 - 27, 1995.