

Jeffrey L. Rummel

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Education

- 2/1989** Ph.D. (Operations Management), William E. Simon Graduate School of Business Administration, University of Rochester (Rochester, New York). Dissertation title: "Cost Models for Batching Decisions."
- 2/1985** M.S. (Operations Research), William E. Simon Graduate School of Business Administration, University of Rochester.
- 12/1981** B.A. (Business Administration), Capital University (Columbus, Ohio).
- 1975–1977** Undergraduate studies in computer science and mathematics, Purdue University (West Lafayette, Indiana).

Academic Appointments

- 2009–** Associate Professor in the Practice, Information Systems and Operations Management, Goizueta Business School, Emory University.
- 1995–2008** Associate Professor, School of Business, University of Connecticut. Tenure granted in August, 1998.
- 1991–1995** Associate Professor, Fuqua School of Business, Duke University.
- 1987–1991** Assistant Professor, Fuqua School of Business, Duke University.
- 1986–1987** Instructor, Fuqua School of Business, Duke University.
- 1984–1986** Instructor, William E. Simon Graduate School of Business Administration, University of Rochester.
- 1984–1985** Instructor, St. John Fisher College, Rochester, New York.

Honors, Grants and Awards

- 2014** Distinguished Educator award, Modular Executive MBA Class, Goizueta Business School, Emory University.
- 2011** Most caring, Most accessible teaching awards, Modular Executive MBA Class, Goizueta Business School, Emory University.
- 2000–2008** Robert Cizik Professor of Technology and Manufacturing Management, School of Business, University of Connecticut.
- 1998–2001** Part of a team that secured a U.S. Department of Defense Grant (total funding of \$3,100,000) for the design and delivery of the quantitative courses module of the Defense Leadership and Management Program (DLAMP).
- 1998–2000** Lawrence J. Ackerman Scholar of Management, School of Business, University of Connecticut.
- 1996** Best Paper award, School of Business, University of Connecticut.
- 1993** Best Professor award, Weekend Executive MBA Class, Fuqua School of Business, Duke University.
- 1991** Best Professor award, Weekend Executive MBA Class, Fuqua School of Business, Duke University.
- 1990** Best Professor award, Weekend Executive MBA Class, Fuqua School of Business, Duke University.
- 1989** Beta Gamma Sigma, 1989.
- 1982–1986** Graduate School of Management fellowship, University of Rochester.

Administrative Experience

- 2006–2008** Director, Honors and Study Abroad Programs, School of Business, University of Connecticut. Responsible for implementing faculty initiatives to increase the size of the honors program and to develop new opportunities for undergraduate students to participate in research activities at the School of Business. Responsible for developing programs and partnerships to meet the goal set by the Provost to have thirty percent of University of Connecticut undergraduates participate in study abroad programs.
- 2001–2006** Associate Dean for Undergraduate Programs and Administration, School of Business, University of Connecticut. Responsible for undergraduate programs (approximately 2000 students) and the general and financial administration of the school at the Storrs campus and at the regional campuses that offer business programs (Stamford, Hartford, Waterbury, and Torrington). Served under Thomas G. Gutteridge, C.F. Sirmans (interim dean), and William C. Hunter. Major activities/responsibilities included:

- Oversight of the move to the new School of Business building and establishment of building use policies
- Implementation of the Mobile Computing Program for undergraduate business majors;
- Development and implementation of the Business Minor, including the commitment of new funds from the University for the program
- Introduction and development of a new Bachelor of Science in Business & Technology (BSBT) at the regional campuses (Stamford, Hartford, Waterbury, Torrington)
- Development of an articulation agreement from Connecticut Community College System to the BSBT major, and signing of detailed curricular plans of study with eight individual community colleges
- Major revision of the Honors Program for business majors.

1998–2001 Co-Director, Management & Engineering for Manufacturing (MEM) Program, University of Connecticut. Responsible for the introduction and administration of a new jointly offered major of the School of Business and the School of Engineering. Major activities/responsibilities included:

- Development of the advertising materials and a web site for the program
- Development of the curriculum for two of the six new MEM courses
- Responsible for identifying companies and advising students in the summer internship program (for students following their sophomore and/or junior years) as well as for full-time employment
- Responsible for developing strategies for increasing enrollments in the program and managing curriculum changes.

University Teaching Experience

2009– Goizueta Business School, Emory University.

Undergraduate courses

- Data and Decision Analytics (BUS 350).

Graduate courses

- Decision & Information Analysis (ISOM 550 - Full-time MBA core, Modular Executive MBA, Evening MBA core).
- Decision Modeling (ISOM 650 - Executive MBA elective).
- IMPACT360 - Operations (ISOM 572 - Full-time MBA core).
- Service Operations Management (ISOM 654 - Full-time MBA elective).
- Supply Chain Management (BUS 553G - Full-time MBA elective).
- Process and Systems Management (BUS 551 - Evening MBA core).
- Structured Problem Solving (BUS 500 - Full-time MBA core and Evening MBA core).

- Operations & Information Consultancy (BUS 558 - Full-time MBA, part of the Management Practice curriculum)
- Project Management (BUS 558 - Full-time MBA elective).

2006–2008 University of Connecticut and the Institute at Palazzo Rucellai, Florence, Italy. Developed and offered Management of Production in Italian Firms (OPIM 293). Program also included students from Penn State University.

1995– 2008 School of Business, University of Connecticut.

Undergraduate courses

- operations research (OPIM 210)
- statistical process control (OPIM 252)
- introduction to management and engineering for manufacturing (MEM 151)
- computers in manufacturing (MEM 231 – new course development)
- advanced manufacturing systems (MEM 215W – new course development)

MBA courses

- core operations management course (OPIM 310, Storrs daytime, Hartford evening, Stamford executive, and Hartford executive)
- core statistics course (OPIM 303, Storrs daytime , Hartford evening, and Stamford executive)
- operations research for management elective (OPIM 341, Storrs daytime),
- advanced manufacturing technology elective (OPIM 300, Storrs daytime)

Ph.D. courses

- operations research seminar (OPIM 401)
- operations management seminar (OPIM 403).

1998–2001 Developed and taught courses for the Defense Leadership and Management Program (DLAMP) for the U.S. Department of Defense. The courses were equivalent to a semester course, taught in a special facility and done in a compressed format (nine days over two weeks). I was responsible for the courses in statistics, operations research, and defense resources management.

1986–1995 Fuqua School of Business, Duke University.

Core MBA courses

- Operations management (BA370) in the daytime, evening, and weekend executive MBA programs
- Quantitative methods (BA312) in the daytime, evening, and weekend executive MBA programs

MBA electives

- Advanced manufacturing technology (BA474, new course development)
- Manufacturing strategy (BA471)

- Total quality management (BA475)

Other teaching assignments

- Taught short course days for the R. David Thomas Executive Education Center
- Taught Integrative Learning Experience.

1984–1986 William E. Simon Graduate School of Business Administration, University of Rochester. Taught the mathematics review (ORM400) and the management science core course (ORM402), both in the daytime MBA program.

1984–1985 St. John Fisher College, Rochester, New York. Taught general management and operations management in the undergraduate program.

Executive Education

2015–2017 Emory University School of Medicine Professional Leadership Program.

Taught half-day session on decision modeling.

2014 Terry College of Business, Athens, Georgia.

Taught one-day session for a Leadership Program for visiting Chinese executives.

2008 Duke Corporate Education, Durham, North Carolina.

Taught one-day session for a bank in Johannesburg, South Africa.

2003–2007 Business Mastery Certificate Program for Webster Bank. Developed an eight session course for managers to improve their quantitative skills (statistics and simulation) and their ability to analyze operations problems (process analysis, capacity planning and project management).

2003–2004 Co-Developed and co-taught four session course in project management for The Hartford. This was a module in a larger program, The Hartford Business Mastery Certificate Program.

2002 Statistics and Simulation short course for HartRe. Six session course for managers in the company to improve their facility with statistics and simulation techniques. Worked with spreadsheet simulations (using @RISK) to model the re-insurance policies they have to analyze and price.

2000 Developed and taught a course in operations management for the Mini-MBA Business Certificate Program for UConn's Management Development and Executive Education.

1998 Training exercises for Pitney Bowes, Inc. (Stamford, CT). Designed and offered a two-day program discussing project management techniques for senior managers in information technology and product engineering. Developed an experiential exercise allowing participants to plan and execute a project where task times are uncertain.

Publications

1. "Activity Consolidation to Improve Responsiveness," with Zhiping Walter, Avi Seidmann and Rajiv Dewan, *European Journal of Operations Research*, Vol.161, No.3 (2005), 683-703.
2. "An Empirical Investigation of Costs in Batching Decisions," *Decision Sciences*, Vol.31, No.1 (2000), 79-103.
3. "A Subassembly Manufacturing Yield Problem with Multiple Production Runs," with P. Nandakumar, *Operations Research*, Vol.46, No.3 (1998), S50-S64.
4. "A Model for Warehouse Order Picking," with Richard L. Daniels and Robert Schantz, *European Journal of Operations Research*, Vol.105, No.1 (1998), 1-17.
5. "A Closed Loop Automatic Scheduling System (CLASS)," with Gregory Dobson and Uday S. Karmarkar, *Production Planning & Control*, Vol.3, No.2 (1992), 130-140.
6. "The Basis for Costs in Batching Decisions," with Uday S. Karmarkar, *Journal of Manufacturing and Operations Management*, Vol.3, No.2 (1990), 153-176.
7. "Batching to Minimize Flow Times on Parallel Heterogeneous Machines," with Gregory Dobson and Uday S. Karmarkar, *Management Science*, Vol.35, No.5 (1989), 607-613.
8. "Batching to Minimize Flow Times on One Machine," with Gregory Dobson and Uday S. Karmarkar, *Management Science*, Vol.33, No.6 (1987), 784-799.

Business and Consulting Experience

- 2012–2017** Consulting project with home services ratings company. Analysis of customer response data to build regression model for use in monitoring performance in existing markets and to evaluate potential new markets.
- 1997** Consulting project with electronic publishing company (New York, NY). Analyze the business processes for creating CD-ROM products from data maintained to support traditional paper publishing.
- 1995** Consulting project with Blue Cross Blue Shield of North Carolina (Durham, NC). Developed a model that forecasts claims activity and develops a staffing plan that incorporates full-time and part-time hiring, overtime and reduced productivity during training.
- 1994** Consulting project with BASF Corporation (Research Triangle Park, NC). Analysis of a new distribution method for agricultural chemicals, considering both how to introduce and operate the system.
- 1994** Consulting project with Freudenburg-Spunweb Co. (Durham, NC). Analysis for a scheduling system for two production lines producing nonwoven fabric.
- 1993-1994** Consulting project with Threads USA (Gastonia, NC). Analysis of a thread production process supplying a multi-echelon inventory system.

1985-1991 Associate, Case Hunter, Inc. (Rochester, NY). Worked on computer systems for capacity analysis and lot sizing in batch manufacturing. Worked on a finite capacity scheduling system.

1978-1982 Account Representative, Professional Data Systems (Columbus, OH). Designed, implemented and supported custom software applications for minicomputer systems.

Ph.D. Committees

1. Luke A. Weinstein, School of Business, University of Connecticut, 2008.
2. Robert Schantz, Fuqua School of Business, Duke University, 1994.
3. Richard Metters, University of North Carolina, Chapel Hill, 1993.

Invited Presentations

1. "Costs and Planning in Manufacturing Systems," Terry College of Business, University of Georgia, March 2, 2005.
2. "Task Consolidation in Workflow and Project Management," Anderson School Graduate School of Management, University of California, Los Angeles, May 22, 2000.
3. "A Subassembly Manufacturing Yield Problem with Multiple Production Runs," Babcock Graduate School of Management, Wake Forest University, January 11, 1999.
4. "A Subassembly Manufacturing Yield Problem with Multiple Production Runs," Katz Graduate School of Business, University of Pittsburgh, June 12, 1996.
5. "Myopic Dynamic Scheduling Heuristics," Graduate School of Industrial Administration, Carnegie Mellon University, May 1, 1991.
6. "An Empirical Investigation of Costs in Batching Decisions," Katz Graduate School of Business, University of Pittsburgh, June 27, 1990.

Professional Activities

1. Editorial Board, *Manufacturing & Service Operations Management*, 1996–2003.
2. Secretary-Treasurer of the ORSA Technical Section on Manufacturing Management (TECMAN), 1993-1994.
3. Referee for *Management Science*, *Operations Research*, *Manufacturing & Service Operations Management*, *IIE Transactions*, *Naval Research Logistics*, *European Journal of Operations Research*, *Annals of Operations Research*, *Journal of Operations Management*, *Journal of Accounting and Economics*.
4. Software reviews for *OR/MS Today*.
5. Member of INFORMS, DSI.

University Service Activities

1. Co-Chair, International Task Force for the Provost, University of Connecticut, 2007–2008.
2. Member, Honors Board of Associate Directors, University of Connecticut, 2007–2008.
3. Elected Member, University Senate, University of Connecticut, 2006–2008.
4. Member, Study Abroad Committee, University of Connecticut, 2006–2008.
5. Member, Interdepartmental Courses and Curriculum Committee, University of Connecticut, 2006–2008.
6. Member, Global Citizens Task Force, University of Connecticut, 2005–2007.
7. Member, Peoplesoft Advisory Committee, University of Connecticut, 2004–2007.
8. Member, Q Subcommittee for review of quantitative methods courses for new University core curriculum, University of Connecticut, 2003–2007.
9. Member, Dean Review Committee for Krista Rodin, Dean of the College of Continuing Studies, University of Connecticut, 2004.
10. Member, task force to review the Precision Manufacturing Institute, University of Connecticut, 1997–1998.
11. Member, Industry-University Task Force on Post-Baccalaureate Business–Technology Programs, University of Connecticut, 1996–1997.

School Service Activities

1. Member, Education committee, Goizueta Business School, Emory University, 2015–.
2. Member, Honor Council, Goizueta Business School, 2010–.
3. Chair, Computer and Education committee, Goizueta Business School, Emory University, 2014–2015.
4. Member, Computing and Education Committee, Goizueta Business School, 2012–2014.
5. Member, Non-Degree Programs & External Affairs Committee, Goizueta Business School, 2011–2012.
6. Member, Learning Assessment Committee, University of Connecticut School of Business, 2006–2008.
7. Chair, Business Articulation Oversight Committee, University of Connecticut School of Business, 2004–2006.
8. Ex-officio, Undergraduate Programs Committee, University of Connecticut School of Business, 2001–2006.
9. Chair, Long Range Planning Committee, University of Connecticut School of Business, 2001–2006.
10. Chair, Continuous Improvement Committee, University of Connecticut School of Business, 2001–2002.
11. Chair, Executive MBA Committee, University of Connecticut School of Business, 1999–2001.
12. Member, Master of Science in Technology Management (MSTM) Task Force, University of Connecticut School of Business, 1998–2000.
13. Member, Communications Task Force, University of Connecticut School of Business, 1998–1999.
14. Executive MBA committee, University of Connecticut School of Business, 1997–1999.
15. Member, MBA Programs Committee, University of Connecticut School of Business, 1996–2001.
16. Member, MBA Task Force, University of Connecticut School of Business, 1997–1998.
17. Member, Teaching and Learning Enhancement Committee, University of Connecticut School of Business, 1995–1996.
18. Founding member, Quality Steering Committee, Fuqua School of Business.

Personal

Born July 31, 1957. Married (Elizabeth), three children (Evan, Andrew, Allison).

Member, oversight committee for Young Life in Johns Creek, GA, 2009–.

Board of Directors (founding member), St. Paul's Collegiate Church, Storrs, CT, 2004–2009.