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Operations Management Department
Carroll School of Management
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EDUCATION:

DBA, The George Washington University, Dissertation: Optimal Timing and Long-Run Patterns in R&D Investment

MS, Administration The George Washington University.

MS, Operations Research, Air Force Institute of Technology, Thesis: A Monte Carlo Risk Analysis of Life Cycle Cost Prediction

BS, Basic Sciences, U.S. Air Force Academy.

ACADEMIC EXPERIENCE:

Professor and Chair, Operations Management Department, Carroll School of Management, Boston College. 2005-present.

Professor, Carroll School of Management, Boston College. Courses taught: Management Science, Statistics, Total Quality Management, Economic Analysis and Operations Research, Operations Analysis, Economics, Management and Operations (1986 to 1990, Assistant Professor; 1990 to 2001, Associate Professor; 2002 to present, Professor).

Assistant Professor, The American University. Taught courses in Management Science/Operations Research and Statistics (Fall 1984 to Spring 1986)

Research Associate, Adjunct Lecturer in Management Science, The George Washington University. Conducted quantitative analyses using computer simulation. Taught Calculus, Statistics, and Computer Modeling. (1981-1984)

OTHER PROFESSIONAL EXPERIENCE

Operations Research Analyst, Air Force Studies and Analysis, Pentagon. Employed quantitative techniques of operations research and management science in military policy analysis. Performed cost effectiveness studies to support senior decision maker.

Chief of Operations Analysis, Aircraft Test and Evaluation, Davis-Monthan Air Force Base, Tucson, Arizona. Employed statistical methods in planning and reporting the results of field tests.

Pilot United States Air Force

OTHER

EXPERIENCE:

Adjunct Lecturer in Business Statistics, The Georgetown University School of Business Administration (1983-1984).

Lecturer in Managerial Statistics, United States Department of State, Foreign Service Institute. (1985)

PROFESSIONAL

ASSOCIATIONS: Member, INFORMS and Decision Sciences Institute

JOURNAL ARTICLES
(In reverse chronological order)

S. Graves and J. Ringuest. Overconfidence and Disappointment in Venture Capital Decision Making, an Empirical Examination. Managerial and Decision Economics, Forthcoming.

J. Lee, S. Waddock, and S. Graves. Doing Good Does Not Preclude Doing Well. Social Responsibility Journal. Forthcoming.

J. Ringuest and S. Graves. Overconfidence and Disappointment in Decision-making under Risk: The Triumph of Hope over Experience. Managerial and Decision Economics, Vol. 33 2017, pp. 409-422.

S. Graves and J. Ringuest, Patient project management: Discounting with hyperbolic functions. Managerial and Decision Economics, Vol. 33, 2012, pp. 453-462.

S. Graves and J. Ringuest, Probabilistic dominance criteria for comparing uncertain alternatives: A tutorial. Omega-The International Journal of Management Science, 37 (2), 2009, pp. 346-357.

A. Medaglia, J. Ringuest, and S. Graves, A multiobjective evolutionary approach for linearly constrained project selection under uncertainty. European Journal of Operations Research, 179 (3), 2007, pp. 869-894.

S. Waddock and S. Graves, The impact of mergers and acquisitions on corporate stakeholder practices. Journal of Corporate Citizenship, (22) 2006, pp. 91-109.

J. Ringuest and S. Graves, Formulating optimal R&D portfolios. Research-Technology Management, 48 (6) 2005, pp. 42-47.

K. Rehbein, S. Waddock, and S. Graves, Understanding shareholder activism: Which corporations are targeted?" Business & Society, 43(3) 2004, pp. 239-267.

J. Ringuest, S. Graves and R. Case, Mean-Gini analysis in R&D portfolio selection. European Journal of Operational Research, 154(1) 2004, pp. 157-169.

S. Waddock, C. Bodewell, and S. Graves, Responsibility: the new business imperative. Academy of Management Executive. 16(2) 2002, pp. 132-148.

S. Graves, K. Rehbein, & S. Waddock, Fad and fashion in shareholder activism: The landscape of shareholder resolutions, 1988-1998. Business and Society Review. 106(4) 2001, pp. 293-314.

- S. Graves and S. Waddock, Beyond built to last: Stakeholder relations in 'Built to Last' companies. Business and Society Review. 105(4) 2000, pp. 393-418.
- S. Graves and S. Waddock, The best companies to work for: Financial and stakeholder implications of 'Best of' rankings. Journal of Contemporary Business Issues, 8(1) 2000, pp. 15-23.
- S. Graves, J. Ringuest, and R. Case, Formulating optimal R&D portfolios: A simple yet rigorous method. Research-Technology Management, 43(3) 2000, pp. 47-51.
- S. Graves, D. Murphy, and J. Ringuest, Acceptance sampling and reliability: The tradeoff between component quality and redundancy, Computers and Industrial Engineering, 38, 2000, pp. 79-91.
- J. Ringuest, S. Graves, and R. Case, Conditional stochastic dominance in R&D portfolio selection, IEEE Transactions on Engineering Management, 47(4) 2000 pp. 478-484.
- J. Ringuest and S. Graves, A sampling-based method for generating nondominated solutions in stochastic MOMP problems. European Journal of Operational Research, 126(3) 2000, pp. 651-661.
- S. Graves, D. Murphy and J. Ringuest, Acceptance sampling vs. redundancy as alternative means to achieving goals for system reliability. International Journal of Quality and Reliability Management, 16(4) 1999, pp. 362-370.
- S. Waddock, S. Graves and R. Gorski, performance characteristics of social and traditional investments. The Journal of Investing, 9(2) 2000, pp. 27-38.
- J. Ringuest, S. Graves, and R. Case, Formulating R&D portfolios that account for risk. Research-Technology Management, 42(6) 1999, pp. 40-43.
- S. Waddock and S. Graves, A look at the financial-social performance nexus when quality of management is held constant, International Journal of Value-Based Management. 12(1) 1999, pp. 87-99.
- C. Bendheim, S. Waddock and S. Graves, Determining best practice in corporate-stakeholder relations using data envelopment analysis: An industry level study. Business and Society. 37(3) 1998, pp. 305-338.
- S. Waddock and S. Graves, Quality of management and quality of stakeholder relations: are they synonymous? Business and Society. 36(3) 1997, pp. 250-279 (*Winner of 1997 Moskowitz Prize*)
- S. Waddock and S. Graves, The corporate social performance-financial performance link. Strategic Management Journal. 18(4) 1997, pp. 303-319.

- S. Graves and N. Langowitz, R&D productivity: A global multi-industry comparison. Technological Forecasting and Social Change. 53(2) 1996, pp. 125-137.
- S. Graves, D. Murphy, and J. Ringuest, Reevaluating producers and consumers risk in acceptance sampling. Computers and Industrial Engineering. 30 (2) 1996, pp. 171-184.
- S. Graves and J. Ringuest, Evaluating a portfolio of R&D investments. Journal of High Technology Management. 7 (1) 1996, pp.53-60.
- S. Graves and S. Waddock, Institutional owners and corporate social performance. Academy of Management Journal. 37 (4) 1994, pp.1034-1046.
- S. Graves and S. Waddock, Responses of institutional investors to corporate social performance measures. International Journal of Value-Based Management. 7, 1994, pp. 165-180.
- S. Waddock and S. Graves, Industry performance and investment in R&D and capital goods. Journal of High Technology Management, 5 (1) 1994, pp. 1-18.
- S. Graves and N. Langowitz, Innovative productivity and returns to scale in the pharmaceutical industry. Strategic Management Journal, 14 (8) 1993, pp. 593-606.
- S. Graves and N. Langowitz, Innovative output and firm size in the pharmaceutical industry. International Journal of Production Economics. 27 (1) 1992, pp. 83-90.
- S. Graves and J. Ringuest, Choosing the best solution in an R&D project selection problem with multiple objectives. Journal of High Technology Management, 3 (2) 1992, pp. 213-224.
- N. Langowitz and S. Graves, Innovative productivity in pharmaceutical firms. Research-Technology Management. 35 (2) 1992, pp. 39-41.
- S. Graves, J. Ringuest, and J. Bard, Recent developments in screening methods for nondominated solutions in multiobjective optimization. Computers and Operations Research. 19 (7) 1992, pp. 683-694.
- S. Graves and J. Ringuest, Producer's and consumer's risk when proportion defective is a random variable. Decision Sciences. 22 (4) 1991, pp. 753-771.
- S. Graves and J. Ringuest, Evaluating Competing R&D Investments. Research-Technology Management. 34 (4) 1991, pp. 32-36.
- S. Graves and S. Waddock, Ownership at a distance: implications of activist institutional investors. Business in the Contemporary World. 2 (3) 1990, pp. 83-89.
- J. Ringuest and S. Graves, The linear R&D project selection problem: An alternative to net present value. IEEE Transactions on Engineering Management. 37 (2) 1990, pp. 143-146.

S. Graves and S. Waddock, Institutional ownership and control: Implications for long-term corporate strategy. The Academy of Management Executive. 4 (1) 1990, pp. 75-83.

S. Graves, Institutional ownership and corporate R&D investment: A multi-industry study. Technological Forecasting and Social Change. 37, 1990, pp. 59-76.

J. Ringuest and S. Graves, The linear multi-objective R&D project selection problem. IEEE Transactions on Engineering Management. 36 (1), 1989, pp. 54-57.

S. Graves, Long-run patterns of corporate R&D expenditure: A descriptive analysis of the period 1965-1984. Technological Forecasting and Social Change. 35, 1989, pp. 13-27.

S. Graves, The time-cost tradeoff in R&D. Engineering Costs and Production Economics. 16, 1989, pp. 1-9.

S. Graves, Why costs increase when projects accelerate. Research Management. 32 (2)1989, pp. 16-18.

S. Graves, Institutional ownership and corporate R&D in the computer industry. Academy of Management Journal. 31 (2)1988, pp. 417-428.

S. Graves, Optimal R&D expenditure streams: An empirical view. IEEE Transactions on Engineering Management. 34 (1), 1987, pp. 42-48.

BOOKS

S. Graves and J. Ringuest. Models and Methods for Project Selection: Concepts from Management Science, Finance, and IT. 2003. Kluwer Academic Publishers.

OTHER PUBLICATIONS

The 100 Best Corporate Citizens. Business Ethics. 18 (1), Spring 2004, pp. 8-12 with M. Kelly, P. Asmus and S. Waddock

The 100 Best Corporate Citizens. Business Ethics. 17 (1), March-April 2003, pp. 6-10 with M. Kelly, P. Asmus and S. Waddock

The 100 Best Corporate Citizens. Business Ethics. 16 (2), March-April 2002, pp. 8-13 with M. Kelly, M. Miller and S. Waddock

The 100 Best Corporate Citizens. Business Ethics. 15 (2), March-April 2001, pp. 12-16, with M. Kelly, P. Johansson, and S. Waddock

The 100 Best Corporate Citizens. Business Ethics. 14 (2), March-April 2000, pp. 12-17, with M. Kelly, T. Klussman, and S. Waddock

Attraction or Repulsion: How Institutional Owners React to Corporate Social Performance. Management Research News. 18 (12), 1995, pp. 20-24, with S. Waddock.