

PETER J. REGAN

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EDUCATION

STANFORD UNIVERSITY Stanford, California.

Ph.D., Engineering-Economic Systems (now Management Science and Engineering), 1993.

Dissertation: "Design and Construction of Normative Risk Management and Decision Systems"

Teaching Fellow, Decision Analysis, Autumn 1988

M.S., Engineering-Economic Systems, 1987

DARTMOUTH COLLEGE Hanover, New Hampshire.

B.A., Biochemistry, 1985, magna cum laude honors, Phi Beta Kappa Society

EXPERIENCE

DECISIONCLASS, LLC Warren, Rhode Island.

2003 to present

Founder. Create online course at www.mbamath.com to teach finance, accounting, economics, statistics, and spreadsheets to incoming MBA students.

1995 to 2003

Founder. Led and implemented project evaluation and portfolio management system projects for top-tier global pharmaceutical companies.

2007 to present

FUQUA SCHOOL OF BUSINESS, DUKE UNIVERSITY

Durham, North Carolina.

Adjunct Professor. Teach Cross-Continent Executive MBA Decision Models course in London. Taught Full-Time MBA second-year elective course Professional Decision Modeling.

1998 to present

TUCK SCHOOL OF BUSINESS, DARTMOUTH COLLEGE

Hanover, New Hampshire.

Adjunct Professor. Teach second-year elective course Professional Decision Modeling and incoming first-year Pre-Enrollment Program quantitative skills course.

2007 to present

JOHNSON GRADUATE SCHOOL OF MANAGEMENT, CORNELL UNIVERSITY

Ithaca, New York.

Visiting Adjunct Professor. Teach incoming first-year Quantitative Skills course.

1989 to 1995

STRATEGIC DECISIONS GROUP Menlo Park, California and Boston, Massachusetts.

Senior Associate. Led decision consulting projects for individual decisions and portfolio management, primarily in the life sciences and energy industries.

OTHER

Married with two children. Enjoy playing ice hockey and kayaking.

PEER-REVIEWED PUBLICATIONS

Regan, P.J, 2005. Professional decision modeling: practitioner as professor. *Interfaces* 36(2): 142-149.

Regan, P.J, 2005. Professional decision modeling: details of a short MBA practice course. *INFORMS Transactions on Education* 6(1) <http://ite.pubs.informs.org/Vol6No1/Regan/>.

Paté-Cornell, M.E., and P.J. Regan, 1998. Dynamic risk management systems: hybrid architecture and offshore platform illustration. *Risk Analysis* 18(4): 485-496.

Regan, P.J, and M.E. Paté-Cornell, 1997. Normative engineering risk management systems. *Reliability Engineering and System Safety* 57: 159-169.

Holtzman, S., and P.J. Regan, 1996. Activity graphs: A language for flexible consultation systems. *Annals of Operations Research* 65:127-155.

Regan, P.J., and S. Holtzman, 1995. R&D Decision Advisor: an interactive approach to normative decision system model construction. *European Journal of Operational Research* 84:116-133.

Regan, P.J., 1993. Normative engineering risk management systems. In D. Heckerman and A. Mamdani (eds.), *Uncertainty in Artificial Intelligence: Proceedings of the Ninth Conference*. Morgan Kaufmann, Menlo Park, California, 72-79.

Regan, P.J., and S. Holtzman, 1992. R&D Analyst: a blackboard approach to normative decision system model construction. In D. Dubois et al., (eds.), *Uncertainty in Artificial Intelligence: Proceedings of the Eighth Conference*. Morgan Kaufmann, Menlo Park, California, 259-267.

OTHER PUBLICATIONS

Regan, P.J., and S. Senn, 1997. Project evaluation in drug development: a case study in collaboration. In French, S. and J.Q. Smith, eds. *The Practice of Bayesian Analysis*: 259-277. Arnold Publishers, England.

Paté-Cornell, M.E., and P.J. Regan, 1997. Hybrid dynamic risk management systems: concepts and illustration. *Advances in Expert Systems for Management* 2:213-227. An earlier version appeared as Paté-Cornell, M.E., and P.J. Regan, 1995. Dynamic risk management systems: concepts and illustrations. In Lemaire, M., et al., (eds.), *Applications of Statistics and Probability* 725-731. Balkema, Rotterdam.

Seridji, A., M.E. Paté-Cornell, and P.J. Regan, 1996. Advanced Risk Management System (ARMS): cost reduction through better safety management. In Cacciabue, P.C., and I.A. Papazoglou, eds., *Proceedings of the International Conference on Probabilistic Safety Assessment and Management*. June, 1996; Crete, Greece. Springer London Ltd.

Seridji, A., P.J. Regan, and M. Mangini, 1995. The Advanced Risk Management System: a rational approach to risk management in the offshore industry. *Proceedings of American Nuclear Society Topical Meeting on Computer-Based Human Support Systems: Technology, Methods, and Future*, Philadelphia, Pennsylvania, 93-99.

Seridji, A., M.E. Paté-Cornell, and P.J. Regan, 1994. The Advanced Risk Management System ARMS. *Proceedings of the Offshore Technology Conference*, Paper 7386: 143-151.

Besse, P., A. Seridji, J.L. Pelletier, M.E. Paté-Cornell, and P.J. Regan, 1993. The Advanced Risk Management System project: a resource-constrained normative decision system. *Proceedings of the THERMIE Conference on Oil and Gas in a Wider Europe*, Berlin, Germany.

Regan, P.J., 1988. *Introductory Decision Analysis Lecture Notes*. Engineering-Economic Systems Department, Stanford University.

Petricciani, J.C., P. Sizaret, V. Grachev, and P.J. Regan, 1989. Vaccines: obstacles and opportunities from discovery to use. *Reviews of Infectious Diseases* II(S3): S524-529.

Petricciani, J.C., and P.J. Regan, 1987. Risk of neoplastic transformation from cellular DNA: calculations using the oncogene model. *Developments in Biological Standardization* 68: 43-49.

INVITED LECTURES

Moving forward toward-the first ten years. Prof. Ron Howard's Decision Analysis Colloquium. Stanford University Engineering School, Stanford, California, April 24, 2003.

On building a software startup to serve a consulting niche. Invited by club leaders to present at the Management Consulting and Technology Clubs. Tuck School of Business, Hanover, New Hampshire, February 19, 2002.

Priority shift: observations from navigating the evolving balance of career and family. Invited by club leaders to present at the Management Consulting and Technology Clubs. Tuck School of Business, Hanover, New Hampshire, February 9, 2001.

Mega Pharma and Micro Pharma. Invited by Prof. Stephen Powell to prepare professional practice case study and perform as guest speaker in second-year Art of Modeling course. Tuck School of Business, Hanover, New Hampshire, February 20, 2002, February 8, 2001, February 10, 2000, April 29, 1999, and February 19, 1997.

From management consultant to founder of a pharmaceutical R&D portfolio software startup. Invited by club leaders to present at the Management Consulting and Technology Clubs. Tuck School of Business, Hanover, New Hampshire, February 9, 2000.

Portfolio management systems in the pharmaceutical industry. Invited by Prof. Stephen Powell to present at the Management Consulting and Technology Clubs. Tuck School of Business, Hanover, New Hampshire, February 19, 1997.

R&D project strategy: a professional decision analysis example. Invited by Prof. James E. Smith for two sections of his second-year decision analysis course. The Fuqua School of Business, Durham, North Carolina, October 31, 1996, October 31, 1995, and November 1, 1994.

Using decision technology to smooth the decision analysis learning curve in industry. Prof. Ron Howard's Decision Analysis Colloquium. Stanford University Engineering School, Stanford, California, June 4, 1996.

R&D project strategy: a professional decision analysis example. Invited by Prof. Stephen Powell to present at the Management Consulting Club. Tuck School of Business, Hanover, New Hampshire, November 9, 1995.

R&D project strategy: a professional decision analysis example. Invited by Prof. Arthur Schleifer to present at the Management Consulting Club. Harvard Business School, Boston, Massachusetts, October 16, 1995.

Normative decision systems. Invited by Visiting Prof. Ward Edwards for two lectures on influence diagrams and treatment of uncertainty in artificial intelligence to his graduate course on normative systems and influence diagrams. Engineering-Economic Systems Department, Stanford University, Stanford, California, Spring 1994.