

Fred Collopy

The Weatherhead School of Management
Case Western Reserve University
Cleveland, Ohio 44106-7235
(216) 368-2048
collopy@case.edu

Professional Experience

Professor and Department Chair of Information Systems, The Weatherhead School, Case Western Reserve University, Cleveland; 2001-present.

Professor of Cognitive Science, Case Western Reserve University, Cleveland; 2005-present.

Visiting Professor, Communications, Cornell University, Ithaca, NY, 2006.

Associate Professor, The Weatherhead School, Case Western Reserve University, Cleveland; 1996-2001.

Visiting Scientist, IBM Thomas J. Watson Research Center, Yorktown Heights, NY; 1998-1999.

Assistant Professor, The Weatherhead School, Case Western Reserve University, Cleveland; 1989-1996.

Adjunct Faculty, The Wharton School, Philadelphia; 1981-1989.

Research Consultant, IBM Corporation, Armonk NY; 1986-1988.

Founder & President, Conceptual Instruments Company, Philadelphia; 1982-1985.

Analyst-Planner, Intelligent Devices, Inc., Cincinnati; 1977-1980.

Co-founder, Thiel Audio Products Company, Lexington; 1975-1977.

Associate, Whitewood Stamps Consulting, Boston; 1972-1974.

Research Assistant, Metropolitan Area Religious Coalition of Cincinnati; 1971-1972.

Education

The Wharton School of the University of Pennsylvania; Ph.D. in Decision Sciences; 1990.

Thomas More College; Ft. Mitchell, Ky.; Bachelor of Arts *cum laude* in Philosophy; 1971.

Professional Appointments, Service and Awards

Teaching Excellence Award, Weatherhead School of Management, 2007-08.

International Journal of Forecasting, Editor, January 2005-present.

Information and Organizations, Editorial board, 1995-present.

International Journal of Forecasting, Associate Editor, 1993-2004.

International Institute of Forecasters, Director, 1993-2002.

Selected Publications

R. J. Boland, Jr., F. Collopy, J. Grant, and Lin Zhao, "Virtual Prototyping of Financial Flows as a Form of Management Control," in Brandon and Kocaturk [eds.], *Virtual Futures for Design, Construction and Procurement*, Wiley Blackwell Publishing, 2008.

- R. J. Boland, Jr., F. Collopy, K. Lyytinen, and Y. Yoo, "Managing as Designing: Lessons for Organization Leaders from the Design Practice of Frank O. Gehry," *Design Issues*, 24 (2008), 10-25.
- M Germonprez, D. Hovorka, F. Collopy, "A Theory of Tailorable Technology Design," *Journal of the Association for Information Systems*, Volume 8 Issue 6 (June, 2007), Article 21.
- J. S. Armstrong, F. Collopy and J. T. Yokum, "Decomposition by Causal Forces: A Procedure for Forecasting Complex Time Series," *International Journal of Forecasting*, 21 (2005), pp. 25-36.
- R. J. Boland, Jr. and F. Collopy [eds.] *Managing as Designing*, Stanford University Press, 2004.
- F. Collopy and R. M. Fuhrer, "A Visual Programming Language for Expressing Visual Rhythms," *Journal of Visual Programming Languages*, 12 (2001), 283-297.
- M. Adya, F. Collopy, M. Kennedy and J. S. Armstrong, "Identifying Features of Time Series for Rule-Based Forecasting," *International Journal of Forecasting*, 17 (2001), 143-157.
- J. S. Armstrong and F. Collopy, "Identification of Asymmetric Prediction Intervals through Causal Forces," *Journal of Forecasting*, 20 (2001), 273-283.
- M. Adya, J. S. Armstrong, F. Collopy and M. Kennedy, "An Application of Rule-based Forecasting to a Situation Lacking Domain Knowledge: The M3-IJF Competition" *International Journal of Forecasting*, 16 (2000), 477-484.
- F. Collopy, "Color Form and Motion: Dimensions of a Musical Art of Light," *Leonardo*, 33 (2000), 355-360.
- M. Adya and F. Collopy, "How Effective are Neural Networks at Forecasting and Prediction? A Review and Evaluation," *Journal of Forecasting*, 17 (1998), 481-495.
- F. Collopy, "Bias in Retrospective Self-Reports of Time Use: An Empirical Study of Computer Users," *Management Science*, 42 (1996), 758-767.
- J. S. Armstrong and F. Collopy, "Competitor Orientation: Effects of Objectives and Information on Managerial Decisions and Profitability," *Journal of Marketing Research*, 33 (1996), 188-199.
- F. Collopy, M. Adya and J. S. Armstrong, "Principles for Examining Predictive Validity: The Case of Information Systems Spending Forecasts," *Information Systems Research*, 5 (1994), 170-179.
- J. S. Armstrong and F. Collopy, "Causal Forces: Structuring Knowledge for Time Series Extrapolation," *Journal of Forecasting*, 12 (1993), 103-115.
- F. Collopy and J. S. Armstrong, "Rule-Based Forecasting: Development and Validation of an Expert Systems Approach to Combining Time Series Extrapolations," *Management Science*, 38 (1992), 1394-1414.
- J. S. Armstrong and F. Collopy, "Error Measures for Generalizing about Forecasting Methods: Empirical Comparisons," *International Journal of Forecasting*, 8 (1992), 69-80.
- F. Collopy and J. S. Armstrong, "Expert Opinions about Extrapolation and the Mystery of the Overlooked Discontinuities," *International Journal of Forecasting*, 8 (1992), 575-582.
- F. Collopy, "White Collar Computing: A Field Study Using Automated Logging," *Proceedings of the Twenty-First Annual Hawaii International Conference on System Sciences*, (1988), vol. IV, 236-244.