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EDUCATION:

- Ph.D. Stanford University (Business Administration, Mathematics), 1985
M.S. Stanford University (Statistics), 1983
M.S. Stanford University (Mathematics), 1976
B.Sc. Stellenbosch University (Mathematics, Applied Mathematics, Computer Science), 1973

EMPLOYMENT:

- 2019 to date Compass Lexecon, Executive Vice President
1993–2019 William E. Wecker Associates, Vice President and Principal Consultant
1994–1998 Stanford University School of Law, Consulting Professor
1992–1993 William E. Wecker Associates, Senior Consultant
1982–1991 University of Chicago Graduate School of Business, Instructor,
later Assistant and Associate Professor,.

ACTIVITIES:

Editorial Board, Journal of Accounting Research, 1987-1992

Refereed for: The Accounting Review
Contemporary Accounting Research
Journal of Accounting and Economics
Journal of Accounting Research
Journal of Business and Economic Statistics
Journal of Financial Research
Journal of Money, Credit and Banking

Member of: American Accounting Association
American Economic Association
American Statistical Association
Royal Statistical Society
Mathematical Association of America
Society for Industrial and Applied Mathematics

PUBLICATIONS and WORKING PAPERS:

- “The experimental design of classification models: an application of recursive partitioning and bootstrapping to commercial bank loan classifications,” (with James M. Patell and Mark A. Wolfson), Journal of Accounting Research, 1984.
- “An application of the bootstrap method to the distribution of squared, standardized market model prediction errors,” Journal of Accounting Research, 1984.
- “An analysis of a multivariate regression model in the context of a regulatory event study by computer intensive resampling,” Working Paper, Institute of Professional Accounting, University of Chicago, July 1986.
- “A note on the algebraic and statistical properties of the multivariate market model,” Working Paper, Institute of Professional Accounting, University of Chicago, September 1986.
- “On drawing inferences about market reactions to the regulation of accounting for oil and gas exploration: An application of computer intensive resampling methods,” Working Paper, Institute of Professional Accounting, University of Chicago, September 1986.
- “On detecting abnormal returns to a portfolio of nonsynchronously traded securities,” Working Paper, Institute of Professional Accounting, University of Chicago, October 1986.
- “Reduced demands on recovery room resources with Diprivan compared to thiopental-isoflurane,” (with Michael W. Maher et al.), Anesthesiology Review, January/February 1989.
- “Wealth effects of going private for senior securities,” (with Katherine Schipper and Abbie J. Smith), Journal of Financial Economics, 1989.
- “Consequences of going-private buyouts for public debt and preferred stock: 1974 to 1985,” (with Katherine Schipper and Abbie J. Smith), in Proceedings of the 25th Annual Conference on Bank Structure and Competition: Banking System Risk - Charting a New Course, Federal Reserve Bank of Chicago, 1989.
- “Discussion of ‘Post-earnings-announcement drift: Delayed price response or risk premium?’,” Journal of Accounting Research, 1989.
- “Using relative productivity assessments for allocating housestaff to departments,” (with Michael W. Maher, Michael F. Roizen, et al.), Medical Care, 1990.
- “An adaptable computer model of the economic effects of alternative anesthetic regimens in outpatient surgery,” (abstract; with Michael W. Maher et al.), Anesthesiology (Supplement), September 1990.
- “On the finite sample performance of estimated generalized least squares in seemingly unrelated regressions: nonnormal disturbances and alternative standard error estimators,” Working Paper, Institute of Professional Accounting, University of Chicago, January 1991.

- “Exploiting tax attributes of spinoffs to structure takeovers and takeover-related defenses,” (with Katherine Schipper), Working Paper, Institute of Professional Accounting, University of Chicago, August 1991.
- “Technological innovation and firm decision-making: accounting, finance and strategy,” (with Paul J. H. Schoemaker), Working Paper, Institute of Professional Accounting, University of Chicago, September 1991.
- “Process-oriented activity-based costing,” (with Michael W. Maher), Working Paper, Institute of Professional Accounting, University of Chicago, June 1992.
- “A field study on the limitations of activity-based costing when resources are provided on a joint and indivisible basis” (with Michael W. Maher), Journal of Accounting Research, 1998.
- “Correcting for omitted-variables and measurement-error bias in regression with an application to the effect of lead on IQ” (with William E. Wecker), Journal of the American Statistical Association, June 1998.
- “Event study methods: detecting and measuring the security price effects of disclosures and interventions” (with Katherine Schipper), in Litigation Services Handbook: The Role of the Financial Expert, 2005 Cumulative Supplement, 3rd Ed., John Wiley & Sons.
- “Estimating Cost Behavior” (with Michael W. Maher), in Handbook of Cost Management, 2005, 2nd Ed., John Wiley & Sons.
- “Audit Committee Financial Literacy: A Work in Progress” (with Douglas J. Coates and Roman L. Weil), Journal of Accounting Auditing and Finance, March 2007.
- “Statistical Estimation of Incremental Cost from Accounting Data” (with William E. Wecker and Roman L. Weil), in Litigation Services Handbook: The Role of the Financial Expert, 2017, 6th Ed., John Wiley & Sons.