

January 2003

WILLIAM E. WECKER

**505 San Marin Drive
Novato, California 94945**

**Telephone: (415) 898-2255
Fax: (415) 898-2260
E-Mail: wecker@wecker.com**

EDUCATION

B.S. (Basic Science) (1963), USAF Academy
M.S. (Operations Research) (1970), University of Michigan
Ph.D. (Statistics and Management Science) (1972), University of Michigan

EMPLOYMENT

1963-1967 Fighter pilot, USAF
1968-1969 Chief of Protocol, USAF, Berlin, Germany
1970-1972 Graduate Student, University of Michigan
1973-1976 Assistant Professor, Graduate School of Business, University of Chicago
1977-1983 Associate Professor, Graduate School of Business, University of Chicago
1984-1985 Associate Professor, Graduate School of Management, University of California, Davis
1985-1989 Professor, Graduate School of Management, University of California, Davis
1994-1998 Consulting Professor of Law, School of Law, Stanford University
1990- President, William E. Wecker Associates, Inc.

ACTIVITIES

1977-1981 Associate Editor (Theory and Methods), Journal of the American Statistical Association
1981-1999 Associate Editor, Journal of Business and Economic Statistics
1990-1992 Management Committee, Journal of Business and Economic Statistics
1976-1994 Seminar Leader, NSF/NBER Seminar on Time Series Analysis
1993-1994 National Advisory Council on Environmental Policy and Technology (Lead Subcommittee)
Member of: American Association for the Advancement of Science
American Statistical Association
Institute of Mathematical Statistics
Society for Risk Analysis

PUBLICATIONS

- "A Nonparametric Approach to the Construction of Prediction Intervals for Time Series Forecasts" (with W. A. Spivey), Proceedings of the Business and Economic Statistics Section-- American Statistical Association, 1972.
- "Regional Economic Forecasting: Concepts and Methodology" (with W. A. Spivey), The Regional Science Association Papers, Vol. 28, 1972, pp. 257-276.
- "On the Weighted Average Cost of Capital" (with R. R. Reilly), Journal of Financial and Quantitative Analysis, January 1973, Vol. VIII, pp. 123-126.
- "On Random Walks with Absorbing Barriers" (with Thomas E. Morton), Proceedings of the Business and Economic Statistics Section-- American Statistical Association, 1973.
- "Prediction Methods for Censored Time Series," Proceedings of the Business and Economic Statistics Section--American Statistical Association, 1974.
- "More on the Weighted Average Cost of Capital: Reply" (with R.R. Reilly), Journal of Financial and Quantitative Method, June 1975.
- "Predicting Mail Order Demand for Style Goods," Proceedings of the Business and Economic Statistics Section--American Statistical Association, 1975.
- "The Prediction of Turning Points," Proceedings of the Business and Economic Statistics Section-- American Statistical Association, 1976.
- "Bounds on Absorption Probabilities for the m-Dimensional Random Walk" (with T. Morton), Journal of the American Statistical Association, March 1977.
- "Discounting, Ergodicity and Convergence of Markov Decision Processes" (with T. Morton), Management Science, April 1977.
- "Comments on 'Forecasting with Econometric Methods: Folklore versus Fact'," Journal of Business, 1978, pp. 585-586.
- "Comment on 'Seasonal Adjustment When Both Deterministic and Stochastic Seasonality Are Present'," Proceedings of the NBER-CENSUS Conference on "Seasonal Analysis of Economic Time Series", U.S. Government Printing Office, Washington, D.C., 1978, pp. 274-280.
- "Predicting Demand from Sales Data in the Presence of Stockouts," Management Science, 1978, Vol. 34, No. 10, pp. 1043-1054.
- "The Time Series Which Is the Product of Two Stationary Time Series," Stochastic Processes and Their Application, 1978, pp. 153-157.
- "Predicting the Turning Points of a Time Series," Journal of Business, January 1979, Vol. 52, pp. 35-50.

- "A New Approach to Seasonal Adjustment," Proceedings of the Business and Economic Statistics Section--American Statistical Association, 1979.
- "Linear and Nonlinear Regression Viewed as a Signal Extraction Problem" (with C. Ansley), Proceedings of the Business and Economic Statistics Section-- American Statistical Association, 1980.
- "Asymmetric Time Series," Journal of the American Statistical Association, March 1981.
- "Predicting a Multitude of Time Series" (with R. A. Thisted), Journal of the American Statistical Association, September 1981.
- "Applications of the Signal Extraction Approach to Regression" (with C. Ansley), Proceedings of the Business and Economic Statistics Section--American Statistical Association, 1981.
- "Nonparametric Multiple Regression by Projection Iteration" (with C. Ansley), Proceedings of the Business and Economic Statistics Section--American Statistical Association, 1982.
- "The Signal Extraction Approach to Nonlinear Regression and Spline Smoothing: (with C. Ansley), Journal of the American Statistical Association, March 1983.
- "Extensions and Examples of the Signal Extraction Approach to Regression" (with C. Ansley), Applied Time Series Analysis of Economic Data, A. Zellner (ed.), Washington, D.C.: Bureau of the Census/ASA, 1983.
- "The Signal Extraction Approach to Estimating Income and Price Elasticities: A Data Example" (with C. Ansley), Proceedings of the Business and Economic Statistics Section--American Statistical Association, 1983.
- "A Nonparametric Bayesian Approach to the Calibration Problem," (with C. Ansley), Proceedings of the Business and Economic Statistics Section--American Statistical Association, 1984.
- "On Dips in the Spectrum of a Seasonally Adjusted Time Series" (with C. Ansley), Journal of Business and Economic Statistics, October 1984.
- "Estimating Damages in a Class Action Litigation" (with E. George), Journal of Business and Economic Statistics, April 1985.
- "Statistics in Accounting, Marketing, Finance and Production" (with R. Hamada, J. Patell, R. Staelin), Proceedings of the Business and Economic Statistics Section--American Statistical Association, 1986.
- "The Role of Statistics in Accounting, Marketing, Finance and Production" (with R. Hamada, J. Patell, R. Staelin), Journal of Business and Economic Statistics, 1988.
- "Assessing the Accuracy of Time Series Model Forecasts of Count Observations", Journal of Business and Economic Statistics, October 1989.
- "Impact of the Soviet Grain Embargo; A Comparison of Methods" (with A. Webb, et al), Journal of Policy Modeling, pp. 361-389, 1989.

"Modeling Daily Milk Yield in Holstein Cows Using Time Series Analysis" (with H. Deluyker, et al.), Journal of Dairy Science, pp. 539 - 548, 1990.

"Controlling Emissions from Motor Vehicles: A Benefit-Cost Analysis of Vehicle Emission Control Alternatives" (with L. Lave, et al.), Environmental Science & Technology, August 1990.

"Statistical Estimation of Incremental Cost from Accounting Data" (with R. Weil), Handbook of Litigation Services for Accountants and Lawyers, John Wiley & Sons, 1990.

"Correcting for Omitted-Variables and Measurement-Error Bias in Regression with an Application to the Effect of Lead on IQ" (with M. L. Marais), Journal of the American Statistical Association, June 1998.