



CHARLES D. COWAN, Ph.D.
ANALYTIC FOCUS LLC

KEY QUALIFICATIONS:

Charles D. Cowan is Managing Partner of ANALYTIC FOCUS LLC. Dr. Cowan has over 20 years of experience in research and design applied to issues in litigation and regulation. He specializes in the development of economic and financial research and its use as evidence, for informing settlement discussions, and for assessing risk. In addition to Dr. Cowan's litigation related work, he consults for numerous public and private sector entities on the design, implementation, and evaluation of research.

A brief sampling of areas and issues where Dr. Cowan has been involved include

- Ø antitrust: measurement of price collusion and the impact on consumers,
- Ø banking: evaluation of activities of Directors and Officers
- Ø "but for" calculations: loss due to negligence, fraud, or accidents
- Ø class certification: determination of homogeneity of class and representativeness of named plaintiffs
- Ø commercial litigation: valuation of likely income streams
- Ø diminution of value: evaluation of likelihood of loss at resale relative to market
- Ø environmental issues: impact of proximity to Superfund site, medical monitoring issues and cost, gain due to non-compliance with EPA requirements
- Ø insurance: minimization of insurance liability for firms offering insurance in settlements to plaintiffs against loss or possible medical problems
- Ø intellectual property: trademark confusion and dilution, patent infringement, trade dress issues, surveys and economic impact valuations
- Ø labor and employment: determination of likelihood of discrimination and potential economic losses,
- Ø product liability: determination of likelihood of harm from a particular product, evaluation of when manufacturer should have notified Consumer Product Safety Commission, and
- Ø non-product liability: estimates of insurance coverage for non-product liability for large asbestos manufacturers who also installed insulation products.

Dr. Cowan also has years of experience as a rebuttal witness, reviewing and critiquing studies regarding their scientific value when offered as evidence.

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Dr. Cowan teaches graduate and undergraduate courses in survey methods, statistics, and computer methods for analysis. He is the co-author of two books, one on evaluation of surveys and censuses and one on econometric measures related to the welfare of the U.S. economy. He has written numerous articles on statistical methods, surveys, rare population research, finance and banking, and optimization techniques.

Prior to cofounding ANALYTIC FOCUS LLC, Dr. Cowan was a Director with Price Waterhouse, where he specialized in financial research, survey research, and audit sampling for litigation and for regulatory compliance issues. From 1991 to 1996, Dr. Cowan was the Chief Statistician for the Resolution Trust Corporation and the Federal Deposit Insurance Corporation, where he designed research necessary to measure the loss from the Savings & Loan Crisis of the late 1980's and capitalization requirements for the RTC funds from the U.S. Treasury. Dr. Cowan also served as the Chief Statistician for the U.S. Department of Education, where he designed large-scale surveys of educational institutions to measure resource needs and availability, and for Opinion Research Corporation, where he designed predictive models of demand for automobile manufacturers, banks, and large horizontally diverse firms like GE and AT&T. Dr. Cowan worked for the U.S. Bureau of the Census, where he was the Chief of the Survey Design Branch and developed many of the techniques in use today for the evaluation of coverage in surveys and censuses.

EDUCATION

Ph.D., Mathematical Statistics, The George Washington University, 1984

M.A., Economics, The University of Michigan, 1973

B.A., English and Economics, The University of Michigan, 1972

PROFESSIONAL ASSOCIATIONS

Professor, Biostatistics and Quantitative Methods, U. of Alabama – Birmingham, 2002-5.

Associate Professor, Statistics, George Washington University, 1993 - 1998.

Visiting Research Professor, Survey Research Laboratory, U. of Illinois, 1983 - 1989.

Consultant, Dept. of Community Psychiatry, Johns Hopkins U., July 1985 - Dec 1987.

PROFESSIONAL EXPERIENCE

Co-Founder, ANALYTIC FOCUS LLC, January, 2002 to present.

Director, ARPC, November, 1999 to December, 2001.

Director, PricewaterhouseCoopers LLP, January 1997 to November, 1999.

Chief Statistician, Federal Deposit Insurance Corporation / RTC, 1991 to 1996.

Chief Statistician, Opinion Research Corporation, 1989 to 1991.

Chief Statistician, National Center for Education Statistics, U.S. Department of Education, 1986 to 1989.

Bureau of the Census: Assistant Division Chief, International Statistical Programs, 1984 to 1986; Staff Liaison for Statistical Litigation, 1983 to 1984; Chief, Survey Design Branch, Statistical Methods Division, 1978 to 1983; Other positions, 1974-1978.

PROFESSIONAL SOCIETIES - POSITIONS

President, Research Industry Coalition, 1999-2000

Council Member, Research Industry Coalition, Representative from ASA, 1995-2000

President, Washington/Baltimore Chapter of American Association for Public Opinion Research (AAPOR), 1998

Program Chair, American Association for Public Opinion Research, 1991-2

Program Chair, Section on Survey Research Methods, American Statistical Association (ASA), 1989-90

Secretary-Treasurer, AAPOR, 1985-1986

Associate Secretary-Treasurer, AAPOR, 1984-1985

Editorial Board, Public Opinion Quarterly, 1980-1984

Editorial Board, Marketing Research, 1989-2000

Chair, Conference Committee, AAPOR, 1982-1989

Chair, Committee on Privacy and Confidentiality, ASA, 1980-1981

PROFESSIONAL SOCIETIES – MEMBERSHIPS

American Statistical Association, International Association of Assessment Officers