

Angela McGrath

January 2021

William E. Wecker Associates, Inc.
270 E. Simpson Avenue
Jackson, WY 83001-1010

Telephone: (307) 732-6844
E-Mail: mcgrath@wecker.com

Angela McGrath is President and Principal Consultant at William E. Wecker Associates, Inc. based in Jackson Hole, WY. During her 24 years at Wecker Associates, Angela McGrath has conducted and directed statistical and other quantitative analyses on numerous consulting and litigation engagements. She earned her BS in Statistics from the University of California at Riverside, an MS in Applied Statistics from the University of California at Santa Barbara, and an MBA from the University of Wyoming. She has applied statistical and other quantitative methods to the collection and analysis of data to address numerous real-world problems in business, regulatory, and litigation settings.

Ms. McGrath has served as an expert witness in litigation involving field performance analyses for automobile manufacturers and has worked as a consulting expert in a broad range of high-stakes consulting projects. She has deep expertise in engagement management, problem identification and definition, data collection, statistical and mathematical modeling, auditing the quality, reliability, and validity of data and data analyses, preparing reports, preparing testimony outlines, and managing client relationships. She is a member of the American Statistical Association.

EDUCATION

M.B.A. University of Wyoming
M.A. Applied Statistics; University of California, Santa Barbara
B.S. Statistics; University of California, Riverside

PROFESSIONAL EXPERIENCE

1997 – Present William E. Wecker Associates, Inc.
2021 – President, Principal Consultant, Head of the Automotive Safety Research Group
2003 – 2020 Principal Consultant and Head of the Automotive Safety Research Group
2000 – 2003 Senior Consultant and Head of the Automotive Safety Research Group
1997 – 2000 Senior Consultant

1999 – 2004 University of Phoenix, Northern California Campus, Lecturer in Statistics
1995 – 1997 Wells Fargo Bank, San Francisco, Portfolio Analyst Retail Risk Management
1994 – 1994 University of Santa Barbara, Lecturer in Statistics
1992 – 1993 San Bernardino County Medical Center, Division of Research, Research Analysis

PROFESSIONAL EXPERIENCE: SELECT CONSULTING

Transportation Industry

- Testifying expert for Ford Motor Company, General Motors, and Fiat Chrysler Automobiles in litigations involving product liability. Performed field performance to evaluate vehicle-occupant risk for subject vehicles and peers.
- Consulting expert for major automobile manufacturers related to the field performance of airbags, door latches, fuel systems, rollover propensity, seat designs, tread separations, unintended acceleration, and other vehicle design components.
- Consulting expert for a manufacturer of automotive safety devices involving the largest and most complex safety recall in U.S. history. Work involved assessing the field performance of the safety devices among a wide range of vehicle models and determining whether or not certain models and/or environmental factors were associated with increased risks.
- Consulting expert in an engagement involving a major highway products manufacturing company. Work involved evaluating the crash performance of a highway product in terms of vehicle occupant risk.
- Consulting expert for an automobile manufacturer to assess from a statistical perspective whether or not potential damages were measured properly and could be generalized to all members of the class.
- Consulting expert in an engagement involving a major aircraft manufacturing company. Work involved determining on a statistically reliable basis whether or not certain health related diseases had a common environmental cause. Performed statistical analysis for identification and assessment of cancer clusters.
- Consulting expert to evaluate the effects of fuel-economy enhancing modifications to commercial aircraft.

Financial Industry

- Consulting expert for a global payment card company in federal antitrust multidistrict litigation challenging interchange fees. Analyses of transaction data with more than 230 billion records to assist in the defense and settlement of antitrust claims asserted by retailers nationwide in class actions and individual cases.
- Consulting expert for a global payment card company in federal antitrust multidistrict litigation challenging ATM fees.
- Consulting expert in an engagement related to the largest fraud and Ponzi scheme in history. Performed analysis of securities data and assessed damages.
- Portfolio analysis for Wells Fargo Bank in the retail risk management department. Evaluated the performance of loan portfolios and built loan loss reserve models.

Other

- Consulting expert in an engagement for a pharmaceutical company to evaluate the relative risks of an adverse event.
- Consulting expert to evaluate direct health effects and indirect stigma effects on property values related to alleged contamination.
- Consulting expert to evaluate whether or not a sample was valid and properly extrapolated to the entire population in a matter related to the prevalence of an alleged construction defect.
- Consulting expert in an engagement for an insurance company to assess the validity and reliability of an automated valuation model used to predict the value of properties on a class-wide basis.