

ANDREW WILLIAMSON

FCAS, MAAA

Principal & Consulting Actuary

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Current Responsibility

Andrew Williamson is a principal and consulting actuary with the Property and Casualty Practice in Milliman's Orange County office. He focuses on InsurTech solutions, predictive analytics, and advanced ratemaking techniques. Andrew joined the firm in 2018.

Professional Work Experience

Andrew's areas of expertise include:

- Telematics model development, validation, and integration for private passenger auto, light trucking, last mile delivery, and long-haul trucking applications
- Predictive modeling, including generalized linear models and advanced machine learning techniques
- Regulatory filing support for insurance companies, rate service organizations, and advisory organizations
- Rate development and filing support for emerging markets
- Personal and commercial lines ratemaking, product development, and filing support
- Advanced business intelligence report development using data visualization

Prior to joining Milliman, Andrew was an associate actuary at Great American Insurance Company in Cincinnati, Ohio, where he led efforts to develop advanced predictive models for Crop insurance programs and other commercial lines using machine learning techniques. Andrew was also responsible for analyzing workers compensation and professional liability reserves, along with product rate reviews and rate development.

Professional Designations

- Fellow, Casualty Actuarial Society
- Member of the American Academy of Actuaries

Education

BS, Mathematics – University of Cincinnati