Milliman **Bio**

David Wang
FSA, FIA, MAAA
Principal & Consulting Actuary

CURRENT RESPONSIBILITY

David Wang is a principal in the Seattle Life practice of Milliman. He joined the firm in 2006.

EXPERIENCE

David is the lead consultant on the actuarial outsourcing project for the joint venture between Aegon and Sony Life. He is responsible for IFRS reserving, economic capital, MCEV, MCVNB reporting, as well as product pricing and other reinsurance support.

David co-leads a Milliman team that specializes in applying predictive analytics to assist the life and annuity industry in the U.S. The team provides cutting edge advice to clients in modeling policyholder behavior, and in using data analytics for marketing and distribution purposes. David has also worked extensively on various annuity projects including pricing, capital assessment, and financial reporting. He is the coordinator of the quarterly variable annuity market update report. He has published numerous papers and articles on annuity and policyholder behavior topics, and is an active speaker at SOA events.

Prior to joining Milliman, David had seven years of actuarial experience in the life insurance markets of South East Asia and Greater China.

David holds a degree of Master in Financial Engineering from Haas School of Business, University of California at Berkeley. The knowledge and skill he gains from the degree put him in an excellent position to consult on dynamic hedging, derivative valuation, and stochastic modeling.

David is fluent in English, and Mandarin.

PROFESSIONAL DESIGNATIONS

- Fellow, Society of Actuaries
- Fellow, Institute of Actuaries
- Member, American Academy of Actuaries

EDUCATION

- MFE, Haas School of Business, University of California at Berkeley
- B. Bus, Actuarial Science, Nanyang Technological University, Singapore

PUBLICATION AND PRESENTATION

- “Interest Rate Hedging On Traditional Life and Health Business,” distributed by the Society of Actuaries
- Member of Milliman writing team of “Stochastic Modeling-Theory and Reality from an Actuarial Perspective,” textbook published by International Actuarial Association
- “MCEV reporting with MG-ALFA,” Milliman research article
- “Report on Pricing Using Market Consistent Embedded Value,” distributed by the SOA
- “Arbitrage Free Perspective to Economic Capital Determination,” SOA Financial Reporter
- “Variable Annuity Lapse and Utilization Experience Studies,” Milliman report
- “Practical Consideration in VA Pricing,” Milliman research
- “Risk Adjusted Pricing,” SOA Product Matters
- “Predictive Modeling for Life and P&C Insurance: Two Actuaries, Two Perspectives,” distributed by SOA
- Speaker at various SOA meetings/webinars

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