DAVID WANG

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Principal & Consulting Actuary

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Current Responsibility

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

Professional Work Experience

David has extensive knowledge and experience in pricing, capital assessment, and financial reporting. He has worked on projects that involve M&A and reinsurance, stochastic and nested stochastic modeling, MCEV reporting, Solvency II reporting, proxy modeling, and predictive modeling. David has led several due diligence projects related to reinsurance transactions in the Asia Pacific Region.

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

David co-leads a Milliman team that specializes in applying predictive analytics to assist the life and annuity industry in the United States. The team provides cutting edge advice to clients in modeling policyholder behavior, as well as using data analytics for marketing and distribution purposes. He has published numerous papers and articles on annuity and policyholder behavior topics, and is an active speaker at SOA events.

David holds a Master in Financial Engineering from Haas School of Business, University of California at Berkeley. The knowledge and skill he gained from the degree puts 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, US
- B.Bus, Actuarial Science, Nanyang Technological University, Singapore

Presentations and Publications

“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 the 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.

“Know Your Policyholders first, Model Their Behavior Second,” SOA Predictive Analytics And Futurism.

“Liquidity, capital, and ALM,” Milliman paper.

“Fixed Indexed Annuity Overview in the U.S. and Japan,” Milliman paper.

Speaker at various industry meetings/webinars.