DAVID WANG

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Current Responsibility

David Wang is a principal in the Seattle Life Practice of Milliman. He is also one of the Japan Representatives of the Milliman Tokyo office. He joined the firm in 2006.

Professional Work Experience

David is one of the leading actuarial advisors in asset intensive reinsurance (AIR) transactions out of Japan. He has played an active and critical role in a number of executed AIR deals between Bermuda/US based reinsurance companies and their Japanese life insurance cedants.

He led a Milliman team that performed all the actuarial function for a Japanese captive reinsurer based in Bermuda for nine years, including Bermuda Statutory reporting, MCEV, internal capital reporting, pricing, etc.

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 nearly seven years of actuarial experience in the life insurance markets of Southeast Asia and Greater China. 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 MGALFA." Milliman research article.
- "Report on Pricing Using Market Consistent Embedded Value." Distributed by the Society of Actuaries.
- "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 the Society of Actuaries.
- "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.
- "Economic capital modeling: Practical Considerations 2024 Update." Milliman paper.
- Speaker at various industry meetings/webinars.