

CHAD SCHUSTER

Principal

chad.schuster@milliman.com

+1 312 499 5651



Current Responsibility

Chad is a principal and consultant with Milliman's Financial Risk Management Practice in Chicago. Chad oversees the development of Milliman's MG-Hedge® actuarial software that is used to model insurance company liabilities in a variety of contexts: market-consistent valuation, simulation analysis of risk management strategies, modeling of managed risk funds, and capital/reserve stochastic-on-stochastic analysis. Chad has also assisted a variety of clients in actuarial system modernization design and development.

Professional Work Experience

For a few clients with active hedge programs, Chad has overseen many of the daily operations of the programs and has performed strategic analysis of projected hedge program performance through the construction and use of complex stochastic-on-stochastic financial projections. As many clients have started to view hedging as a key consideration in product design, Chad has assisted with development of liability and option valuation models to assess pricing of new products and has implemented new models for these products in MG-Hedge. In addition to his focus on market-consistent valuations and hedge strategy performance testing, Chad has created customized models to address capital requirements and GAAP accounting measures.

Professional Designations

GARP Certified Financial Risk Manager (FRM)

Education

- MS, Physics, Clemson University
- MS, Financial Mathematics, University of Chicago