

## **TITLE: AVP & Associate Actuary**

**JOB DUTIES:** Responsible for participating in the continued development of the Economic Capital Model (ECM) risk process, the parameterization of model inputs, model execution and the presentation of ECM results. Develop a comprehensive understanding of the reserve risk model simulation software (ResQ) and continue the development of the reserve risk module as part of the ongoing enhancements to the ECM. Lead the annual update process for the Own Risk Solvency Assessment (ORSA) scenario modeling. Assist the Group Risk Management team in the evaluation of the annual Budget/Planning cycle. Provide support for various ad hoc projects and special requests. Take an active role communicating with and prepare presentations for Actuarial management and senior management as it relates to economic capital modeling, budgets & planning, ROEs and ORSA. Complete standard analyses with limited guidance, while also taking a higher-profile role in advanced analyses and special projects as needed. Work closely with various departments including underwriting, claims, finance, reinsurance, actuarial and risk management. Utilize Remetrica and ResQ software systems and integrate the resulting data using various technology tools including VBA, Python and Snowflake. Teach capital modeling theories and concepts to other actuaries and train them in the use of the TransRe ECM framework. Assist with reserve studies, pricing activities and Sarbanes Oxley testing.

**REQUIREMENTS:** Master's degree in Mathematics, Economics, Finance, Accounting or a closely related field, or U.S. equivalent, and one (1) year of experience in the job or as an Actuary, Assistant Actuary or a closely related occupation working closely with various departments within the insurance/reinsurance industry including underwriting, claims, finance, reinsurance, actuarial, and risk control. Must have capital modeling experience and working knowledge applying actuarial techniques/pricing strategies and statistical analysis to several functions. Experience must include preparing/analyzing actuarial studies, assessing simulation results for ORSA filings, and performing parameterization studies, ad-hoc pricing/reserving studies, and ERM modeling over major risk areas, including premium risk, reserve risk, market risk, credit risk and operational/strategic risk. Must have experience utilizing simulation software such as @Risk and MetaRisk, database query language such as SQL, VBA, Java, Python and R languages. Must have FCAS (Fellow of the Casualty Actuarial Society) designation. Salary Range: \$195K - \$210K / year.

**Hours/Week:** 40/hrs (Mon/Fri) - 9:00am - 5:00pm

**Job Location:** 165 Broadway, 16<sup>th</sup> FL  
New York, NY 10006

**Co's Contact:**  
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