Ken Alleman FSA, CERA, MAAA

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EXPERIENCE

Alleman Actuarial Consulting, LLC, President & Founder **01/2023 - Present**
- Deliver innovative and efficient solutions across a variety of needs including modeling, user acceptance testing (UAT), long duration targeted improvements (LDTI / ASU 2018-12), financial reporting, process improvement, and actuarial analyses.

Oliver James Associates, Senior Actuary (Contract) – Ameriprise Financial: Risk Management **11/2021 – 12/2022**
- Led implementation and UAT of various efforts in Prophet, including Variable Annuity (VA) products, Structured Variable Annuity (SVA) products, LDTI, and Prophet software upgrades

Pacific Life, Manager & Associate Actuary – Retirement Solutions Division: Valuation **05/2019 – 10/2021**
- Led VA GAAP Valuation efforts associated with quarterly financial close
- Assisted model conversion from MoSes to Prophet
- Assisted in preparations for LDTI / ASU 2018-12
- Led team in innovation efforts in current processes
- Developed predictive model to address what-if analysis of estimated net income impact in both VA and Fixed Annuities (FA)
- Worked with Internal Controls for Financial Reporting (ICFR) to reduce risk of errors during quarterly financial close
- Manage and develop actuarial students
- Participated in Data & Analytics Deep Dive boot camp

Pacific Life, Assistant Actuary – Life Division: Product Design and Modeling **05/2017 – 05/2019**
- Converted Term Life products from MG ALFA to Turbo Actuary, an in-house projection model coded in C#
- Conducted model reconciliation between MG ALFA and Turbo Actuary for UL, IUL, and VUL products
- Developed, documented, and trained others in new pricing processes
- Performed beginning-to-end product design and pricing for new IUL and VUL products
- Created tools and model enhancements to support product development efforts

Pacific Life, Assistant Actuary – Corporate Division: Enterprise Risk Management **05/2015 – 05/2017**
- Supported the Appointed Actuary in annual Asset Adequacy Testing (AAT) efforts
- Developed a MoSes model for a new block of Indexed Annuity business
- Created framework and tools for automation of AAT reporting and consolidation processes
- Used MATLAB in multi-year mortality assumption study of Pacific Life's Life products
- Served as an iCAN team-member in company-wide initiative to promote smooth transition into Workday

Pacific Life, Quantitative Analyst – Retirement Solutions Division: Risk Applications **08/2013 – 05/2015**
- Updated, enhanced, and developed models and tools to support risk management of FA and VA products
- Led the development of the VA quarterly projection streamline project
- Developed portfolio optimization model to support risk analysis of Fixed Annuities using VBA, MATLAB, Turbo Actuary, and C#
- Gained managing experience as an intern supervisor

Pacific Life, Actuarial Intern – Retirement Solutions Division: Risk Management **05/2013 – 08/2013**
- Used predictive modeling via Emblem to analyze and update the dynamic lapse of Fixed Annuity products modeled in MoSes

C&C Technologies, Numerical Analyst and Programmer - Research & Development **01/2012 – 05/2013**
- Developed MATLAB packages to study Position Error Growth (PEG) during Unmanned Underwater Vehicle (UUV) missions
- Updated the Kalman Filter to improve efficiency and reduce PEG
- Developed UUV camera calibration matrix via MATLAB to improve seafloor mosaics
- Worked as real-time data analyst on survey missions

Central LA State Hospital, Statistician – Research & Development **05/2011 – 01/2012**
- Generate facility-wide routine and special data reports on a monthly, quarterly, and annual basis
- Present reports to the Quality Improvement Committee, serving as decision support specialist for the facility

EDUCATION

Louisiana State University – Bachelor of Science, Mathematics **08/2005 – 05/2009**
University of Louisiana, Lafayette – Credits towards Masters in Statistics **01/2013 – 05/2013**