



March 13–15, 2023
San Diego, CA
Loews Coronado Bay Resort

Ratemaking, Product and Modeling Seminar



Actuaries in Tech Panel Discussion

Moderator

Brian Fannin, CAS

Panelists

Thomas Holmes, Akur8
Katie Koch, Lewis & Ellis

Kevin McBeth, Coherent
Kathleen Ores Walsh, USAA



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Outline

- Panel Introductions
- Presentation Context
- Day-to-Day Role
- Stakeholders & Ownership Models
- Compliance and Other Considerations
- Using New Technology
- Closing Thoughts
- Questions



Poll: Which of these topics are you **most** interested in learning about today?

- A. Day-to-day role
- B. Stakeholders & ownership models
- C. Compliance & other considerations
- D. Using new technology

Please use the **CAS App** to answer this question while the panelists introduce themselves.





Moderator & Panelists



Brian Fannin, FCAS Moderator



- Research Actuary, CAS
- Author of “R for Actuaries and Data Scientists”
- Commercial lines actuary for several decades, primary and excess, US and global
- Big fan of open source



Tom Holmes, FCAS Panelist



- Head of US Actuarial Data Science, AKUR8
- Experience in actuarial modeling and pricing processes across personal and commercial lines
- Insurance-specific Modeling and Pricing Software for US and Global Insurers



Katie Koch, FCAS, MAAA

Panelist



- Consulting Actuary, Lewis & Ellis, Inc.
- 20 years of actuarial experience in pricing, valuations, and reserving within consulting, insurance company, and regulatory environments
- Experience working directly with Tech entities in various capacities



Kevin McBeth, FCAS, MAAA

Panelist



- Property & Casualty Sales Engineer & Actuary at Coherent
- 15 years of experience across Personal and Commercial Lines, covering data science, pricing, reserving, coding actuarial software, and motor vehicle record data



Kathleen Ores Walsh, FCAS

Panelist



- Head of Pricing at USAA
- 20-year career in Personal Lines Pricing, Data Science, & Product Management
- Board of Directors at IIHS
- Policy Admin System Technology Transformation in Legacy Companies



Presentation Context

- Breadth of Opportunities
- Compliance and other considerations
- Using Technology



What we'll discuss

Day-to-day role

Stakeholders & ownership models

Compliance & other considerations

Using new technology

Parting words



What we'll discuss

Day-to-day role

Stakeholders & ownership models

Compliance & other considerations

Using new technology

Parting words

- What's your average day?
- How does your average day vary?



What we'll discuss

Day-to-day role

Stakeholders & ownership models

Compliance & other considerations

Using new technology

Parting words

- What's your company structure and ownership model?
- What does communication look like within and outside of your organization?
- How does your organization change?



What we'll discuss

Day-to-day role

Stakeholders & ownership models

Compliance & other considerations

Using new technology

Parting words

- What can actuaries teach others in tech about insurance?
- What difficulties exist in applying new technology to insurance problems?



What we'll discuss

Day-to-day role

Stakeholders & ownership models

Compliance & other considerations

Using new technology

Parting words

- What technology should actuaries know more about?
- What difficulties do you encounter when getting organizations to embrace new technology?



What we'll discuss

Day-to-day role

Stakeholders & ownership models

Compliance & other considerations

Using new technology

Parting words

- What's your biggest takeaway for the audience today?



Audience Questions

- Panel Introductions
- Presentation Context
- Day-to-Day Role
- Stakeholders & Ownership Models
- Compliance and Other Considerations
- Using New Technology
- Closing Thoughts

