

JOINT RISK MANAGEMENT

(Vote for up to three candidates)

Bryan Liu

Joan C. Barrett

Alexander Tall



Bryan Liu, FSA, FCIA Actuary Milliman Toronto, ON

Professional Background

I am an actuary with the Life and Financial Services Practice in Milliman, providing advisory services to companies in Bermuda, Cayman Islands, US and Canada, across all aspects of their business, such as ERM, ALM, M&A transactions, and financial reporting.

In recent years, I have focused on various aspects of risk management, particularly in the Bermuda market, where I have worked on projects such as the design of ERM frameworks, development of ALM strategies and risk policies, and review of ORSA/CISSAs and economic capital models.

Prior to joining Milliman, I worked at Deloitte Canada, where I managed engagements in areas of model risk management, appointed actuary services, and external audit.

Society of Actuaries Experience (Section and committee memberships and participation)

My SOA volunteer experiences include the following:

- Council Member (including a one-year term as Chair), SOA's Actuary of the Future Section (2020-2023)
- Contributing Editor, SOA's The Actuary Magazine (2022 – Present)
- Research POG Member on topics such as ERM, investments, and climate
- Regular presenter at SOA meetings on areas such as risks and regulatory developments

I am also a member of several SOA sections, including JRMS, and have written for various SOA publications in the past.

Other Relevant Volunteer Experience

I am actively involved with different Canadian Institute of Actuaries (CIA) initiatives, including being part of podcasts and university visits, and serving as a member of the General Business, Professionalism, and Leadership Sub-Committee since 2021.

Outside of the actuarial profession, I have volunteered for different organizations such as Habitat for Humanity, Ronald McDonald House and Juvenile Diabetes Research Foundation.

Why are you interested in leading this section?

Since starting my actuarial career, I have always found it very rewarding to give back to the profession through volunteering for the SOA. Whether that is through answering questions from university students, developing



educational presentations, and supporting research, being able to contribute to the development of the actuarial profession is a very fulfilling experience for me.

Leading the Joint Risk Management Section gives me the opportunity to combine my risk management expertise and past SOA leadership experiences, to contribute to the actuarial profession.

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Joan C. Barrett, FSA, MAAA
Consulting Actuary
Axene Health Partners, LLC
Tolland, CT

Professional Background

I am currently working as a health actuary for Axene Health Partners (AHP). My work at AHP has included employee benefits consulting, expert witness work, rating reviews, and several published research articles, including the SOA research paper “Calculated Risk: Driving Decisions Using the 5/50 Research”. This paper introduces the concept of total risk analysis, which provides a consistent methodology for answering questions like “what are the chances I will lose more than \$1 million?”.



Society of Actuaries Experience (Section and committee memberships and participation)

I have been named an SOA Lifetime Volunteer. I have served two terms on the SOA Board. I have been the chair of the Health Section Council, the Education and Research Section Council, and the Emerging Topics Community. I am currently chair of the Catastrophe and Climate Change Strategic Research Program Steering Committee and a member of the Health Care Cost Trends Strategic Research Program Steering Committee. I have been General Officer for the Group and Health Curriculum Committee and the General Insurance Curriculum Committee.

Other Relevant Volunteer Experience

None

Why are you interested in leading this section?

Actuaries are among the premier risk analysts in the world, at least for now. The nature of risk and the methods for analyzing risk are changing. We need to get ahead of the curve in order to stay relevant. I am interested in leading this section so that I can be in a position to ensure that actuaries have the tools they need to meet today’s challenges.

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Alexander Tall, FSA, MAAA
Senior Manager
Oliver Wyman
New York, NY

Professional Background

I began my actuarial career 10 years ago, leaving behind a career in music as a classical vocalist. I've worked on both the insurer and the consulting sides of the profession, and currently work within the life actuarial practice of Oliver Wyman.

My work has covered many facets of the actuarial profession, such as financial reporting, modeling, and product and assumption development; however, it is the work I've done around actuarial governance that is perhaps my greatest contribution to the profession thus far.

In the past 5 years I have helped review, develop, and implement assumption and model governance policies for numerous insurance companies, including the NAIC, whose model governance policy will be provided as a template for state insurance agencies. I have also presented on the topic of actuarial governance over 20 times to insurance company leaders, at educational events, and at industry conferences, including the 2022 SOA Life meeting and the ASNY Fall meetings in 2022 and 2023.



In addition to actuarial work, I have been an educator for over 5 years, with an approved course on The Infinite Actuary providing mathematical statistics VEE credit for hundreds of aspiring actuaries.

When not working as an actuary, I enjoy playing viola with the Reunion Chamber Players, a semi-professional string quartet, as well as teaching my 4- and 7-year-old children cello and violin, respectively.

Society of Actuaries Experience (Section and committee memberships and participation)

While I only recently joined the Joint Risk Management section, I have been a member of the Product Development Section for the past 2 years.

In addition to section membership, I have been a frequent contributor to SOA meetings and newsletters. Contributions have included:

Articles:

- *Actuarial Guideline XLIX: Past, Present, and Future*, Product Matters!, June 2023 (on FSA exam syllabus)
- *The Impact of a Rising Interest Rate Environment on Life Insurance*, Reinsurance News, October 2021 (on FSA exam syllabus)

SOA meeting presentations:

- *Interest Rates May Be Rising... Now What Do We Do?* – SOA ImpACT, 2021
- *Actuarial Governance: What is the Value? What is the Cost?* – SOA Life Meeting, 2022; ASNY Fall meeting 2022
- *Unusual Business-as-Usual – Avoiding Pitfalls in Routine Operations* – SOA Life Meeting, 2022
- *Help Wanted! Actuarial Staffing Models and their Benefits and Pitfalls* – SOA ImpACT, 2022
- *Honey, I Blew Up the... Interest Rates?* – SOA Life Meeting, 2023
- *Interest Rates Have Risen! Now What Are We Doing?* – SOA ImpACT, 2023

Other Relevant Volunteer Experience

Outside of actuarial volunteerism, I have raised money for various volunteer organizations over the past 10 years, including the Center for Food Action, the Unitarian Universalist United Nations office, and Everybody Wins! NY, as well as numerous performing arts organizations. Most of this has been through benefit musical performances.

Why are you interested in leading this section?

As my career has developed, I have found myself increasingly engaged with various company risk area leaders, including CROs and ERM leads, as we work to develop better a better understanding of emerging risks in our industry and in our world. I find this topic to be fascinating and am eager to help our profession better prepare for future uncertainty in an official capacity.

I am also eager to contribute my experience and thought leadership on actuarial governance, a topic that has been less of a focus for the Joint Risk Management section in recent years.

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