

EDUCATION & RESEARCH

(Vote for up to three candidates)

Natalia A. Humphreys

Sang-Hoon Ahn

Beibei Li

Tim Cardinal

Natalia A. Humphreys, FSA
Clinical Professor, Associate Head of Actuarial Program
University of Texas at Dallas
Richardson, TX

Professional Background

Professional Designations:

- MS (Mathematics)
- PhD (Mathematics)
- FSA (Fellow of the Society of Actuaries)
- Qualified Actuary

Professional Experience:

- Actuarial Analyst (Watson Wyatt, Inc., Retirement Practice)
- Associate Actuary (HealthMarkets, Inc., Reserving Area)
- Clinical Professor (UT Dallas, Actuarial Program)

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

- Models for Investment and Financial Markets (IFM) Examination and Education Committee (vice-chair), 05/2012- 11/2022
- Long Term Actuarial Mathematics (LTAM) Examination and Education Committee, 06/2014 – 12/2021
- Short Term Actuarial Mathematics (STAM) Examination and Education Committee, 11/2014 – 12/2021
- Modularization Committee, 01/2021 – 06/2021
- Short Term Actuarial Mathematics (STAM) Examination and Education Syllabus Committee, 09/2016 – 08/2017



Other Relevant Volunteer Experience

Professional Service at UT Dallas:

- Undergraduate advisor in Actuarial Science
- Undergraduate Curriculum committee
- ACTS Program committee
- Assessment committee (co-chair)

Why are you interested in leading this section?

Looking at the Mission Statement of the E&R Section, I see the three main goals that its members pursue:

- Facilitate expanding the knowledge base of the actuarial profession,
- Promote ties between business actuaries, academic actuaries and actuarial educators, and
- Seek ways to support and encourage actuarial education and research.

As a council member, I can contribute to the fulfillment of these goals in the following ways:

- The E&R Section's publication "Expanding Horizons" serves as one of the main channels of communication related to trending research conducted by actuaries at both business and academic communities, as well as case studies offered by the Society, some companies and Universities to actuarial students. I see my contribution as looking for and reporting on interesting research, as well as participating in the design of specific case studies suitable for students.
- As for the second goal, promoting ties between business and academic actuaries is of the utmost importance. Academic actuaries use sophisticated research methods to solve actuarial problems. Business actuaries work with large quantities of data, using their business acumen to produce correct interpretation and build models to predict future results. I see my contribution as working toward helping these two communities to combine their skills that will result in both their business success and higher competitive standing.
- As for the third goal, I see my contribution to supporting and encouraging actuarial education and research among students through smart adoption in the classroom of the learning outcomes desired to be achieved by the actuarial exams, as well as working with actuarial students on solid field-tested projects that go beyond the typical classroom work. These projects should be designed to develop specific technical and business skills relevant to both actuarial consulting and insurance industry. Such projects will enhance existing actuarial programs and provide students with practical skill sets necessary for successful job searching.

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Sang-Hoon Ahn, ASA, MAAA
Lecturer
Virginia Commonwealth University
Richmond, VA

Professional Background

Sang-Hoon is the actuarial science program faculty advisor and a lecturer at the Department of Finance, Insurance, and Real Estate of the School of Business of Virginia Commonwealth University (VCU).

Being responsible for the growth of the program, he developed two actuarial courses as well as actuarial science minor program. He both designs and teaches courses in a variety of learning modalities, including Exam P, Exam FM, Risk Management and Insurance, and Financial Management. He mentors current and prospective students who are interested in the profession, and develops relationships with alumni, industry partners, and high school educators.

Before he joined VCU, he taught at a diverse high school for 5 years as a math teacher and has 30+ years of industry experience in a variety of roles including life reinsurance and product development in international markets.



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

Council member of the Education & Research Section of SOA,

Member of the following sections: Education & Research, Entrepreneurial & Innovation, International, Marketing & Distribution, Reinsurance.

Other Relevant Volunteer Experience

- Volunteered for SOA, serving as a mentor and an academic advisor to students who were interested in or wanted to pursue the actuarial profession, proctoring actuarial exams of the SOA.
- Promoted "High School Actuarial Event" of SOA/CAS, reaching out to high school district stakeholders.
- Organized and supervised the VCU Actuarial Student Club: holding informative meetings and inviting actuarial guest speakers.
- Participated in the VCU Open House events, VCU STEM-H Fairs: meeting prospective students and their parents at tables.

- Serve as a member of the several committees at the university and the department level at VCU, including University Undergraduate Curriculum Committee.
- Participated in community outreach programs including “Rise Against Hunger”, “CARITAS-Richmond” and “Monro Park Saturday breakfast ministry”.

Why are you interested in leading this section?

I keep in mind that student success is the primary driver of program growth. During the process of effort to improve student learning outcomes, collaboration with school, faculties, and industry partners helps significantly.

Learning from this experience, I would like to contribute to actuarial education, seeking advice from experienced members, sharing experience with section members and educators who are interested in teaching actuarial courses. First Generation, Asian American, Pacific Island students also pique my interest.

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Beibei Li, ASA
Senior Manager
Deloitte Consulting
New York, NY

Professional Background

Beibei is a senior manager in Deloitte’s Actuarial, Rewards, and Analytics practice. Beibei has over 19 years of experience in the life insurance industry with a focus primarily on actuarial modernization. Her extensive modelling experience includes valuation, actuarial system conversion, market entry/pricing, ALM, Economic Capital, M&A, model validation and model governance/control procedures. Prior to join Deloitte, Beibei worked in other consulting firms for 7 years and worked in life insurance companies for 4 years.

Beibei has international experience as she started her career in the US, but also spent 3 years in Asia. Now she operates from the New York office.



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

International Section Mentor – participated in the mentorship program

Active member of the Education & Research Section, International Section, and Modeling Section, participating in meetings and providing contacts for various opportunities

Other Relevant Volunteer Experience

Volunteered to give presentations and provide advice to college actuarial science, statistics, and financial mathematics students in both the US and in China

Why are you interested in leading this section?

I am running for a seat in the Education & Research Section Council to contribute in the promotion of Global Actuaries. I have worked in different geographies and cultural settings and would like to share my experiences to section members and to help develop educational opportunities and to provide a closer networking environment for actuarial students and actuaries on a global basis.

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Tim Cardinal, FSA, MAAA, CERA

Instructor

University of Illinois

Urbana-Champaign IL

Professional Background

I have over 30 years of experience in the life insurance industry. For 19 years I was an Executive Officer at a mid-sized insurer. I have been a boutique consultant for over 10 years. In addition, I have taught Financial Mathematics, Investments and Financial Markets, and Long Term Actuarial Models at the University of Illinois since 2021. I was a 2014 SOA Volunteer of the Year recipient. I have been the lead researcher/author on several RFPs and on research POGs and as a POG chair for 5 years. I've been on the CFE Curriculum Committee since 2011 and chaired the Advanced CFE exam for 4 years. I've served on Section Councils (SmallCo and Modeling). I have been a frequent author and presenter. I have served on Academy committees and served on the ASB ASOP on Modeling taskforce. In all of these capacities I have been forward thinking and have helped bring out the team's best.



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

- Corporate Finance and ERM Curriculum Committee, 2011-present
- Chair, Advanced Corporate Finance and ERM Exam, 2012-16
- Chair, Project Oversight Group, LIMRA and SOA VAGLB Utilization Study, 2012-17
- Council member, Modeling Section, 2014-16 (co-editor section newsletter)
- Council member, Smaller Insurance Company Section, 2013-16
- Modeling Task Force Of The Life Committee Of The Actuarial Standards Board, 2010-2012
- Financial Reporting Module Committee, 2010-2012
- About 100+ SOA/industry presentations and articles

Other Relevant Volunteer Experience

- Foundation For the Arts, Board Treasurer, 2002-present
- Cincinnati Glory Drum & Bugle Corps, Executive Director, 1995-2001
- Royalmont Academy, Parent Treasurer, 2004-2007

Why are you interested in leading this section?

I have been actively involved with many aspects of the actuarial profession and the SOA's mission in both research and education. I hope to continue these efforts by working with Section leadership and members. I would like to share my experiences and contribute a fresh perspective by listening to ideas and getting people talking and sharing.

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