

EDUCATION & RESEARCH

(Vote for up to four candidates)

Min Ji

Fang Yang

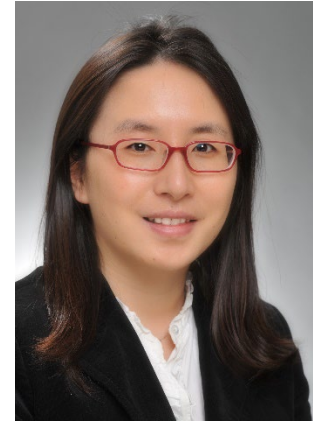
Lu Xiong

Sang-Hoon Ahn

Min Ji, FSA, FIA
Associate Professor
Towson University
Towson, MD

Professional Background

Dr. Min Ji is an associate professor in the Department of Mathematics at Towson University. She earned her Ph.D. in Actuarial Science from University of Waterloo in 2011. Her research interest lies in mortality modeling, longevity risk valuation and hedging, and reverse mortgage risk management. Dr. Ji has actively published research articles in actuarial journals, presented her research at international actuarial research meetings, and supervised graduate projects. As a dual fellow of the Society of Actuaries (SOA) and the Faculty and Institute of Actuaries, she has served on the SOA Long-Term Actuarial Mathematics exam grading committee since 2013, on the SOA Center of Actuarial Excellence Evaluation committee since 2019, and on the SOA University Earned Credit Program Oversight Committee since 2021.



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

- The SOA Long-Term Actuarial Mathematics exam grading committee (2013 – present)
- The SOA Center of Actuarial Excellence Evaluation committee (2019 – 2022)
- The SOA University-Based Exam Waivers Task Force (2021)
- The SOA University Earned Credit Program Oversight Committee (2021– present)

Other Relevant Volunteer Experience

None

Why are you interested in leading this section?

My passion for research and education led me to the academia, and I have been actively engaged in both actuarial research and education in the past 11 years at Towson University. I want to contribute my experience in actuarial research and education to the section and at the same time keep up with the SOA's strategy in promoting actuarial research and education.

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Fang Yang, ASA
Teaching Professor
School of Mathematical and Data Sciences, West Virginia University
Morgantown, WV

Professional Background

Fang is a Teaching Professor in the School of Mathematical and Data Sciences at West Virginia University (WVU). She is also an Actuarial Science Coordinator, an advisor of the Actuarial Club at WVU, and an Associate of the Society of Actuaries (ASA). Fang has been teaching for over 12 years (10 years at WVU) and has a sustained record of classroom teaching excellence. She single-handedly created a viable SOA recognized Advanced Curriculum (UCAP-AC) at WVU. Furthermore, she developed the Actuarial Science Area of Emphasis (AOE), developed Actuarial Science Minor, developed three new actuarial science courses, restructured the existing actuarial science course, sought and obtained approval for four courses from the SOA, and established the Actuarial Program Advisory Board which consists of eight members from SOA (Society of Actuaries) and CAS (Casualty Actuarial Society). She has provided top quality teaching and advising to students in the actuarial science program, resulting in word-of-mouth recruiting. She guides students in their capstone course and assists with job and internship placement. WVU honored her a 2021-22 recipient of the Nicholas Evans Faculty Advising Excellence Award for her “hands-on approach” to advising, including her support of students’ “successful competition for scholarships”. This award was created in honor of Nicholas Evans, a lifelong proponent and exemplar of undergraduate advising at WVU. Prior to joining WVU, Fang worked as a research specialist for the state government and a teaching instructor at the Middle Tennessee State University.



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

- Member of the Education & Research section
- Serving on the SOA's Advisory Panel
- Participating in the SOA Faculty Community

Other Relevant Volunteer Experience

- Volunteered to help with the West Virginia Regional Science Bowl in 2015
- Volunteered at West Virginia State Math Field Day in years 2017 and 2022
- Research advisor of a Morgantown High School senior from Sep. 2017- May 2018
- Organized the First West Virginia High School Actuarial Day on Nov 3, 2018
- Volunteered at after-school math program at Morgantown Chinese School and helped organize the first Math League contest in Morgantown in 2020
- Volunteering to help middle school students with their MATHCOUNTS practices
- Serving as an advisor of the Morgantown Math Circle (MCC). MMC is an after-school mathematical enrichment program mainly for students from 4-8th grades. One of MMC's goals is to reach students from economically disadvantaged settings who might not otherwise attend an out-of-school activity.

Why are you interested in leading this section?

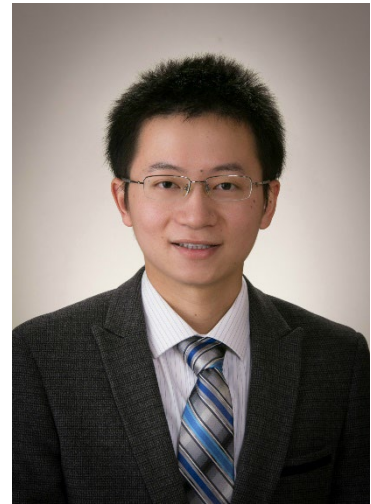
I have been teaching various actuarial courses for 10+ years at WVU, and I am passionate about establishing high quality actuarial science program. I strongly believe that collaborating with industries actuaries is critical for actuarial education and research. With the advance in technology and increased risk of the digital world we face, demand for actuaries has grown across industries. Actuarial education will help prepare students to pass the actuarial exams and to learn the necessary technical skills required to enter the actuarial profession. I created an advanced curriculum actuarial science program from scratch and have networks with actuarial organizations, insurance companies, and actuarial consulting firms. I would like to share with section members.

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Lu Xiong, ASA
Assistant Professor
Middle Tennessee State University
Murfreesboro, TN

Professional Background

Dr. Xiong is an assistant professor in the actuarial science program at Middle Tennessee State University (MTSU). He completed his ASA in 2021. He is also a faculty member in the Ph.D. program of Computational and Data Science at MTSU. He has taught a wide variety of actuarial courses at MTSU including exam preparation courses for Exam-P, FM, LTAM, STAM, IFM, PA, etc. Dr. Xiong supervises undergraduate research in actuarial science. He serves as the faculty advisor of the Actuarial and Math Students Association (AMSA). Before joining MTSU, Dr. Xiong had two years of industry working experience in the actuarial consulting business in Nashville for general insurance, one-year entrepreneur experience in quantitative investment, and one-year postdoc research experience in healthcare at Emory University School of Medicine. In his teaching, Dr. Xiong likes to share his understanding of actuarial science according to his industry experience to help students know the requirements of employers and how to better prepare for an actuarial career. In his research, Dr. Xiong is interested in applying computational and machine learning techniques to tackle actuarial research problems.



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

Member of the Education and Research Section.

Other Relevant Volunteer Experience

- Dr. Xiong serves as a member of several committees at the university and school levels in MTSU.
- Volunteer for 2008 Beijing Summer Olympics.

Why are you interested in leading this section?

Since I am an educator and researcher, I'd like to have the voices and opinions of universities such as MTSU to be heard. I am also interested in learning from other colleagues in this section, making friends, and working with them to improve my daily work.

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

Professional Background

Sang-Hoon is the actuarial science program academic advisor and instructor 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 designs and teaches actuarial exam courses, mentors current and prospective students who are interested in the profession and develops relationships with alumni and industry partners. Sang-Hoon has served on the Actuarial Science Curriculum Committee of the school. Before he joined the 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 market development in international markets.



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

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

Other Relevant Volunteer Experience

Provide career coaching for the younger generation in local communities and families of friends.

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.

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