

EDUCATION & RESEARCH

(Vote for up to three candidates)

Stefanos Orfanos

Tim Luedtke

Peng Shi

Stefanos Orfanos, FSA, CERA
Director of Undergraduate Actuarial Science Program and Clinical Asst. Professor
Georgia State University
Atlanta, GA

Professional Background

I am an academic actuary who works as a Clinical Assistant Professor and the Director of the undergraduate Actuarial Science program at Georgia State University. Previously, I spent several years as full-time faculty at DePaul University, King Fahd University of Petroleum and Minerals, and the University of Cincinnati. I hold MS and PhD degrees in Mathematics from Purdue University and an MBA in Finance from DePaul. My teaching experience covers a wide variety of mathematics, statistics, math finance, and actuarial science courses. My original research area was in pure mathematics (operator algebras) but my current interests fall closer to data science applications to finance and insurance.



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

I have been volunteering at fellowship-level exams for the Quantitative Finance and Investments track for several years now. I currently serve as a vice-chair for QFI-QF. Beside Education & Research, I have also been a member of the Investments and Technology sections in the past.

Other Relevant Volunteer Experience

None

Why are you interested in leading this section?

I believe that smaller actuarial programs (at the UCAP-IC level) play an important role in terms of recruiting diverse talent into the profession. I believe we can do a better job at providing guidance and advice to their faculty and engaging them in SOA-sponsored events, such as the Actuarial Teaching and Research Conferences. It would also be great if I could contribute to building community and networking opportunities that could lead to students from different schools coming together to form teams and participate in case study competitions, or colleges hosting more collaborative career events and job fairs.

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Tim Luedtke, FSA, MAAA, CFA
Assistant Professor
Temple University
Philadelphia, PA

Professional Background

Industry experience: CIGNA, AIG, KPMG, RBS, MetLife

Academic experience: Temple University, Upward Bound

Roles: Pricing, financial reporting, investment management, corporate development, auditing, product manager, underwriting, consultant, project manager, and educator

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

Project oversight groups:

- Actuarial Work in AI Literature Review
- Chairperson – AI Technologies in Time Series Production

Other Relevant Volunteer Experience

American Academy of Actuaries:

Individual and Small Group Markets Committee

Premium Review Work Group

Committee on Federal Health Issues

Individual Medical Market Task Force

Health Care Quality Work Group



Population Health Associate – Jefferson School of Population Health at Thomas Jefferson University. Junior Achievement, Simsbury, CT

Library Board – Township elected position, Simsbury, CT

St Gabriel – Painter, Philadelphia, PA

Bethesda Project – Painter, Philadelphia, PA

Our Brothers Place – Homeless Shelter, Philadelphia, PA

St Norbert – Extraordinary Minister, Berwyn, PA

– V Encuentro – Hispanic Outreach

Why are you interested in leading this section?

My interests in joining the Education and Research leadership come from a long and varied career in insurance, banking, consulting, and education. As I enter the final stretch, I seek to expand actuarial influence beyond the traditional insurance industry and the consulting, regulatory and ancillary services that support insurance. The country's growing demand for value-based contracting in the growing health care industry offers a limited-time opportunity for actuaries to expand their influence.

Why the actuarial profession?

1. Strong professional code with a "responsibility to the public" with a proven professional counseling and discipline.
2. Profession is entirely merit based.
3. Successful apprentices will have the resources to "pay benefits forward".
4. Highly respected actuaries have taken many diverse paths to success.
5. With risk-pooling and cost-sharing insurance offers the opportunity to reduce income inequalities.
6. The profession's small size, less than 3% as large as each of the medical, accounting, and legal professions individually.
7. Unique technical and talent capabilities are in high demand by many other potential employer sponsors (data scientist, machine learning, AI).

Should I be fortunate enough to join the council's leadership, I plan to utilize the opportunity to further a goal to bring underrepresented communities into the actuarial profession. To do this I've been working to expand an apprenticeship effort that was begun in 2019 with one intern, expanded to three for summer 2020 and would like to see it continue to grow.

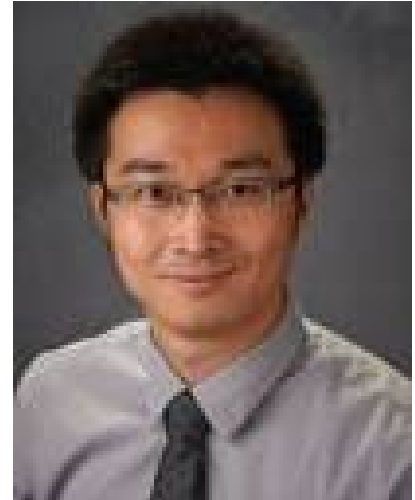
In particular, I look to further establish actuarial apprenticeships that connect high-potential, self-driven high school talent with the profession, its ethics, rigor and mentorship. To provide a pathway that relies upon personal drive and conviction to successfully traverse the professional pathway, while recognizing the diversity of preparation each candidate brings. Perhaps the effort can also help reduce the rising income inequality gap.

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Peng Shi, FSA
Associate Professor
University of Wisconsin-Madison
Madison, WI

Professional Background

I am an associate professor in the Risk and Insurance Department at the Wisconsin School of Business. I am also the Charles & Laura Albright Professor in Business and Finance. I am an Associate of the Casualty Actuarial Society (ACAS) and a Fellow of the Society of Actuaries (FSA). As an academic actuary, I teach courses in actuarial science at both undergraduate and graduate level. My research interests are problems at the intersection of insurance and statistics. Current work focuses on using analytics to improve insurance company operations. My research has won several awards, including the Charles A. Hachemeister Prize and the American Risk and Insurance Association Prize.



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

Some of my volunteer experience at SOA are:

- Speak at SOA conferences, e.g. annual meeting, predictive analytics symposium, etc.
- CKER individual grant committee
- Oversight committee for SOA-sponsored projects

Other Relevant Volunteer Experience

I am a Co-Editor for the Variance journal of the Casualty Actuarial Society. I've served on task force and working parties at CAS, and a frequent speaker at the CAS meetings. In addition, I serve on the editorial board of a couple of academic actuarial journals, including IME and ASTIN Bulletin.

Why are you interested in leading this section?

E&R section promotes and supports actuarial education and research. As an instructor, I am excited about exploring ways to educate actuaries of next generation. As a research, I am interested in generating new knowledge and bring it into classrooms. To lead the E&R section, I look forward to: 1) engaging with the SOA leadership to promote the actuarial profession; 2) leading initiatives to support actuarial academic community; 3) developing collaboration and partnership between practicing and academic actuaries.

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