The College of Science at Purdue University invites applications for a Professor of Practice position in Actuarial Science, a program jointly managed by the Mathematics Department and Statistics Department. This appointment may be at the level of Assistant or Associate Professor of Practice. The College of Science is committed to further enhancing Purdue’s top-ranked Actuarial Science program, with the intent to create a globally leading research program that simultaneously best prepares strong undergraduate and graduate students for the actuarial profession. This position is part of an initiative to expand Purdue’s Actuarial Science program to the Indianapolis campus and will be complemented by the recruitment of additional tenure-track/tenured faculty members to advance the program’s research mission.

Purdue University in Indianapolis is a new, fully integrated expansion of the West Lafayette campus, extending to central Indiana the academic rigor and accessible excellence for which Purdue is known. As the state’s only public top 10 university, most trusted university and most innovative university, Purdue is focused and committed to strengthening its presence in Indiana’s industrial and technological center. Purdue in Indianapolis is creating an innovative, STEM-based collegiate experience by connecting future-ready Purdue students and faculty in Indianapolis to local businesses to accelerate Indiana’s STEM pipeline and tech ecosystem, fueling impact for our region and the world. Learn more about Purdue’s latest giant leap at: [**https://www.purdue.edu/campuses/indianapolis/**](https://www.purdue.edu/campuses/indianapolis/)**.**

**Qualifications**

Applicants must hold a Ph.D. in mathematics, statistics, or actuarial science, or a master’s degree with at least five years of technical experience in the insurance or risk management industry. Moreover, applicants must demonstrate a strong commitment to teaching. Preference will be given to candidates who are Fellow of either the Society of Actuaries or the Casualty Actuarial Society.

**Principal Duties**

This position is non-tenure track faculty position with multi-year contracts, a promotion track, and a focus on teaching.  Duties will typically consist of teaching 5-6 courses each academic year, with some semesters at the West Lafayette campus and some semesters at the Indianapolis campus. Successful candidates will be expected to teach courses as part of the Actuarial Science program, meet with and advise students, establish and maintain strong relationships with the profession, and participate in the program, college, and broader university activities.

**The Program and College**

The Actuarial Science program is recognized as a Center of Actuarial Excellence by the Society of Actuaries. The program offers a stimulating academic environment which connects a variety of research programs and areas with the actuarial profession. With over 300 undergraduate students and a thriving partnership with Purdue’s Data Mine learning community, the program is also tightly coupled with some of Purdue’s fastest-growing majors, such as Data Science.

Actuarial Science is part of the College of Science, which comprises the mathematical, computational, physical, and life sciences at Purdue. It is the second-largest college at Purdue with over 350 faculty and more than 7,000 students. The College is pursuing significant new initiatives which complement campus-wide plans, including data science as a strategic priority. Opportunities for collaboration exist across mathematics, probability, statistics, the physical and life sciences, and in particular both a newly reimagined School of Business and a burgeoning campus presence in the center of Indianapolis. Purdue itself is one of the nation’s leading land-grant universities, with an enrollment of over 50,000 students primarily focused on STEM subjects.

**Application Procedure**

Applications should be submitted online through [www.mathjobs.org](https://nam04.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.mathjobs.org%2F&data=05%7C02%7Cjianxi%40purdue.edu%7Ca17c529cad254ce0b46208dcd26b03c6%7C4130bd397c53419cb1e58758d6d63f21%7C0%7C0%7C638616604266256651%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=ReMnJ5WjRwLMEZPHMqt%2BduTic1ypTELd10%2BRnINGfc4%3D&reserved=0) and should include (1) the AMS cover sheet for academic employment, (2) a cover letter, (3) a curriculum vitae, (4) a teaching statement, and (5) at least three letters of recommendation focused on the candidate’s teaching qualifications. Reference letter writers should be asked to submit their letters online through [www.mathjobs.org](https://nam04.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.mathjobs.org%2F&data=05%7C02%7Cjianxi%40purdue.edu%7Ca17c529cad254ce0b46208dcd26b03c6%7C4130bd397c53419cb1e58758d6d63f21%7C0%7C0%7C638616604266270832%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C0%7C%7C%7C&sdata=30zMDY4g2p%2B8VkXJkFyIyjs4NlgdVyMcJ0ESf5GCXTo%3D&reserved=0). In addition, for purposes of equity, to be considered for the position, applicants will also need to create a profile including voluntary demographic data at [add link here]. Direct all inquiries to Dr. Jianxi Su via jianxi@purdue.edu. Applications are considered on a continuing basis, but candidates are urged to apply by January 15, 2025 for full consideration.

A background check will be required for employment in this position.

For more information about Purdue’s Actuarial Science program, see [**https://www.math.purdue.edu/academic/actuary**/](https://www.math.purdue.edu/academic/actuary/).

*Purdue University is an EOE/AA employer fully committed to achieving a diverse workforce. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.*