about IUPUI and Indianapolis

Indiana University-Purdue University Indianapolis is an outstanding research university—a 21st century model for urban higher education. With more than 185 academic programs—from associate to doctoral and professional degrees—IUPUI offers the most comprehensive range of programs in the state, educates more than 30,000 students, and attracts more external research funding than any other university campus in Indiana.

IUPUI is located just west of downtown Indianapolis, with easy access to city and state centers of government, business and the arts. Amenities including restaurants, sports venues, parks, galleries, and museums, and a zoo are within walking distance of the campus.

With 1.5 million people living in its metropolitan area, Indianapolis is the 12th largest city in the U.S. with the sixth largest African-American population in the Midwest and a growing Latino population. The city’s cost of living index is 93.4, significantly below the nation’s average of 100.

about the SCHOOL OF SCIENCE

The School of Science at IUPUI is home to an array of experts in the physical, mathematical and life sciences. Over 200 full-time faculty, research scientists and staff are engaged in science research, teaching and civic engagement. The School consists of a central administrative unit and seven degree-granting departments including Biology, Chemistry & Chemical Biology, Computer & Information Science, Earth Sciences, Mathematical Sciences, Physics and Psychology.

Position Description: The Department of Mathematical Sciences at IUPUI invites applications for a tenure-track Assistant Professor in actuarial science, statistics or probability to begin August 1, 2016. Responsibilities include teaching six courses over the first two years, with at least one course each term, and then four courses a year regularly, maintaining a strong research program, publishing the results of the research, and customary student advising and departmental and university service. Preference will be given to individuals with experience in health and life sciences. The Department has a strong research faculty, many funded research projects and close collaboration with other departments within the School of Science and the Indiana University School of Medicine.

As one of the largest academic units on campus serving more than 13,000 students each year, the Department is central to the mission of IUPUI to advance the State of Indiana and the intellectual growth of its citizens to the highest levels. The appointment is intended to enhance our undergraduate mathematics concentration in actuarial science, one of the more popular tracks for majors in our Department.

IUPUI is Indiana’s urban research and academic health sciences campus. The Department, with a faculty of 49, offers programs of study leading to Purdue University B.S., M.S., and Ph.D. degrees, including a Ph.D. in Mathematics with specialization in Pure Math, Applied Math or Mathematical Statistics, an M.S. in Applied Statistics and a B.S. in Mathematics with concentration in Pure Math, Applied Math, Actuarial Science or Math Education. The Department also offers a Ph.D. degree in biostatistics in collaboration with the Departments of Biostatistics in the Fairbanks School of Public Health and the IU School of Medicine.

Qualifications: Applicants should have an earned doctorate in the mathematical sciences or related areas (with preference given to those with postdoctoral experience). Expertise in Actuarial Science and Analysis (e.g. Probability Theory) or Statistics/Biostatistics is necessary. It is expected that the successful candidate will be able to teach effectively at the undergraduate and graduate levels, have a good track record of publications, show evidence of the ability to engage in independent and/or collaborative and interdisciplinary research, and have a high potential for receiving funding from the NSF, NIH or other top tier agencies. The successful candidate will be expected to maintain an active, externally-funded research program.

How to Apply: A complete application must include: a letter of interest, curriculum vitae, statements on research plans and teaching philosophy, and three letters of recommendation. At least one letter should report on the applicant’s teaching abilities. Applications should be submitted electronically via the American Mathematical Society's MathJobs website (https://www.mathjobs.org/jobs/jobs/7580), the position ID is 7580.

Screening of completed applications will begin on October 15, 2015, and will continue until the position is filled.

IUPUI is an Equal Opportunity/Affirmative Action Institution. Individuals who require a reasonable accommodation in order to participate in the application process must notify Patti Holt at 402 N. Blackford Street, LD 270, Indianapolis, Indiana 46202 or call (317) 274-6920, a reasonable time in advance. IUPUI strongly encourages applications from women and underrepresented minorities. Additional information about IUPUI and the Department is available at www.iupui.edu and www.math.iupui.edu.