



FACULTY POSITION IN MATHEMATICAL SCIENCES

Searching at the rank of Assistant or Associate Professor in Statistics, Actuarial Science or Probability

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.

Indianapolis, with easy access to city and state centers of government, business and the arts, has amenities including restaurants, sports venues, parks, galleries, and museums, and a zoo 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 and Information Science, Earth Sciences, Mathematical Sciences, Physics and Psychology.

The Department of Mathematical Sciences at IUPUI invites applications for two tenure-track positions as an Assistant Professor or Associate Professor in statistics or statistics/probability with experience in actuarial science, financial mathematics, or related fields to begin August 1, 2017. 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 research, and the customary student advising and departmental and university service. 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 appointments are intended to strengthen both research and our graduate programs and enhance our undergraduate program in actuarial sciences. Current areas of research strength in the Department include mathematical physics and integrable systems, dynamical systems, operator algebras and non-commutative geometry, differential equations/geometry, mathematical neuroscience and biomathematics, scientific computing, and statistics.

IUPUI is Indiana's urban research and academic health sciences campus. The Department, with 52 fulltime faculty, offers programs of study leading to Purdue University B.S., M.S., and Ph.D. degrees, including an M.S. in Applied Statistics and a B.S. in Mathematics with an Actuarial Science concentration. The Department also offers a Ph.D. degree in biostatistics in collaboration with the Department of Biostatistics in the Fairbanks School of Public Health and the IU School of Medicine.

Qualifications: Applicants must have an earned doctorate (at the time of appointment) in statistics, biostatistics, mathematics or related areas, a strong research program, and the ability to teach effectively at the undergraduate and graduate levels. Applicants at the Associate Professor rank will be expected to show an excellent track record of publications, evidence of the ability to engage in independent and/or collaborative (inter)disciplinary research, and existing funding or a high potential for receiving funding from the NSF, NIH or other top tier agencies or organizations. The successful candidates 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. Applications should be submitted electronically via the American Mathematical Society's MathJobs website: (<https://www.mathjobs.org>). Screening of completed applications will begin on November 1, 2016, and will continue until all approved positions are 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 the Chair at MATChair@iupui.edu 402 N. Blackford Street, LD 270, Indianapolis, Indiana 46202 or call (317) 274-4070, 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.