FACULTY POSITION IN MATHEMATICAL SCIENCES
searching at the rank of Assistant or Associate Professor in Applied Mathematics

about IUPUI and Indianapolis
Indianapolis is a 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 and Information Science, Earth Sciences, Mathematical Sciences, Physics and Psychology.

The Department of Mathematical Sciences at IUPUI invites applications for an Assistant or Associate Professor in applied mathematics 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. 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 strengthen both research and our graduate and undergraduate programs. 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 applied statistics. However, outstanding applicants in all areas of mathematical sciences will be considered. This appointment will be made in support of IUPUI’s role as the health and life science campus of Indiana University.

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 must have an earned doctorate in the mathematical sciences or related areas, a strong research program and be able to teach effectively at the undergraduate and graduate levels. A successful candidate at the Assistant Professor level will be expected to develop and maintain an active, externally-funded research program. Applicants at the Associate Professor level must have a record of significant research accomplishments and external funding. Tenure may be offered to a successful senior candidate, depending on the candidate’s qualifications and achievements. 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 a) for an Assistant Professor applicant three letters of recommendation, b) for an Associate Professor applicant, please provide the names of six references. Applications should be submitted electronically via the American Mathematical Society’s MathJobs website (https://www.mathjobs.org/jobs/jobs/7582), the position ID is 7582.

Screening of completed applications will begin on October 15, 2015, 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 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.