TT Job advertisement

The Department of Mathematics in the College of Science at Purdue University invites applications for multiple appointments in Mathematics at the level of assistant/associate professor. These appointments would start in August 2022.

These positions come at a time of engaged leadership and growth in the College of Science - Purdue’s second-largest college, comprising the mathematical, physical and life sciences. These positions are an important component of a large-scale interdisciplinary hiring effort across key strategic areas in the College, including mathematical and computational foundations, quantum computation, and data science. Research within the Department of Mathematics spans multiple areas of pure and applied mathematics and extends to collaborations with partners across science and engineering. For more information about our department, see www.math.purdue.edu.

A successful candidate will combine an outstanding record of research excellence with a commitment to effective and engaged teaching. Appointments will be made based on demonstrated research and teaching qualifications. Candidate must have a Ph.D. (or its equivalent) in mathematics or a closely related field.

Preference will be given to outstanding applicants in the areas of

- Analysis and Geometry (including harmonic analysis, partial differential equations, complex analysis, and symplectic/differential geometry),
- Applied Mathematics (including data science, machine learning, the modeling of physical or biological systems, inverse problems, computational methods), and
- Algebra (including algebraic topology and operator algebras).

A successful candidate is expected to develop a vibrant research program supported by extramural funding, teach undergraduate and/or graduate mathematics courses to a diverse student body, and supervise graduate students. Senior faculty are also expected to mentor junior faculty and participate in the governance of the department, the College of Science, and Purdue University by serving on faculty committees.

Purdue University's Department of Mathematics and the College of Science are committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in a separate Diversity and Inclusion Statement, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion. A background check will be required for employment in this position.
Applications should be submitted online through www.mathjobs.org and should include (1) the AMS cover sheet for academic employment, (2) a cover letter, (3) a curriculum vitae, (4) a research statement, (5) a teaching statement, (6) a diversity and inclusion statement indicating past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion, and (7) at least four letters of recommendation, one of which discusses the candidate’s teaching qualifications. In addition, for purposes of equity, to be considered for the position, applicants will also need to create a profile at SuccessFactors. Reference letter writers should be asked to submit their letters online through www.mathjobs.org. Direct all inquiries to iswanso@purdue.edu. All applications received by November 1, 2021 will be given full consideration.

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.