

INDIANA UNIVERSITY  
DEPARTMENT OF MATHEMATICS  
RESEARCH POSTDOCTORAL FELLOWSHIP in CATEGORICAL SYMMETRIES

The Department of Mathematics invites applications for a postdoctoral fellowship as part of the Simons Collaboration on Global Categorical Symmetries, beginning Fall 2023. This is a joint physics and mathematics research program focused on the interplay between quantum field theory, topology, modular categories, higher category theory, and representation theory. Further information about the Collaboration and its research activities can be found at <https://scgcs.berkeley.edu> .

Candidates are expected to show outstanding promise in research relevant to the Collaboration themes as described at the above link. Postdoctoral fellows will be mentored by Charlotte Ann Griffin Assistant Professor Julia Plavnik and will join thriving Mathematics departmental research groups in algebra and topology. Simons Collaboration Grant-funded research opportunities will include extended visits to other Collaboration sites, contributions to joint research activities, and participation in workshops and summer schools.

The appointment is a non-tenure-track position. Assuming effective performance of assigned duties and continuing programmatic need, **the appointment is renewable for up to one additional year. Contingent on adequate funding, renewal for a third year may be available. There will be teaching opportunities for at least one year with a reduced teaching load of one course per semester.** The annual salary for the position will be \$56,500. There will be opportunities for partial summer support.

The Department maintains strong research groups in all of the principal fields of mathematics. Bloomington is located in the forested hills of southern Indiana and offers a rich variety of musical and cultural attractions. Indiana University is committed to building and supporting a diverse, inclusive, and equitable community of students and scholars. We encourage applications from candidates who will contribute to furthering these goals.

Applicants should submit the following materials using the online service provided by the AMS at <http://www.mathjobs.org> . If unable to do so, applicants may send application materials to the address below.

- AMS cover sheet
- curriculum vita
- research statement that clearly indicates how the applicant's research aligns with the Simons Collaboration on Global Categorical Symmetries Collaboration's goals
- teaching statement
- diversity statement that includes a discussion of the applicant's experience with or ideas for teaching and mentoring in a diverse and inclusive classroom and research environment
- cover letter

Applicants should arrange for at least four letters of recommendation, including one evaluating teaching experience. Please ask reference writers to submit their letters electronically through <http://www.mathjobs.org> . If they are unable to do so, they may also send their letters to the address at the bottom of this page.

Applicants should then complete the posting at <http://indiana.peopleadmin.com/postings/16791> (no additional documents are required to be uploaded to this link). Applications should be received by **March 25, 2023**. If the applicant has questions or concerns regarding their application, please contact Clay Collier, (812) 855-2200, [cldcolli@indiana.edu](mailto:cldcolli@indiana.edu) .

Indiana University is an equal employment and affirmative action employer and a provider of ADA services. All qualified applicants will receive consideration for employment based on individual qualifications. Indiana University prohibits discrimination based on age, ethnicity, color, race, religion, sex, sexual orientation, gender identity or expression, genetic information, marital status, national origin, disability status or protected veteran status.

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