DARTMOUTH COLLEGE

John Wesley Young Instructorships in Mathematics

The John Wesley Young Instructorship in Mathematics is a post-doctoral two- to three-year appointment intended for promising PhD graduates with strong interests in both research and teaching. An Instructor should have a common research interest with some other member of the department. Applicants are asked to identify a department member whose research interests closely align with theirs. Current research areas are in applied mathematics, combinatorics, geometry, logic, non-commutative geometry, number theory, operator algebras, probability, set theory, and topology.

The department math.dartmouth.edu is home to 21 tenured and tenure-track faculty members. Part of the School of Arts and Sciences, the Department of Mathematics has a strong PhD program and outstanding undergraduate majors. Members of the department have collaborative connections across the Arts and Sciences and with the Geisel School of Medicine at Dartmouth, the Thayer School of Engineering, and the Tuck School of Business.

Dartmouth is highly committed to fostering a diverse and inclusive population of students, faculty, and staff. We are especially interested in applicants who are able to work effectively with students, faculty, and staff from all backgrounds, including but not limited to: racial and ethnic minorities, women, individuals who identify with LGBTQ+ communities, individuals with disabilities, individuals from lower income backgrounds, and/or first-generation college graduates, and who have a demonstrated ability to contribute to Dartmouth's undergraduate diversity initiatives in STEM research, such as the Women in Science Program, E.E. Just STEM Scholars Program, and Academic Summer Undergraduate Research Experience (ASURE). Applicants should state in their cover letter how their teaching, research, service, and /or life experiences prepare them to advance Dartmouth's commitments to diversity, equity, and inclusion.

Instructors teach three ten-week courses typically distributed over three of the four Dartmouth terms, though sometimes teaching can be arranged in two terms allowing the remaining two for research. Teaching opportunities span the full spectrum of undergraduate and graduate courses, and Instructors usually teach at least one course in their own specialty. The initial appointment is for 26 months, effective July 1, 2022, and may be extended for an additional 12 months. If granted, the third-year extension will continue the contract through August 31, 2025. Decisions concerning the third-year extension will be made by September 2023; this appointment is not renewable beyond the third year.

Salary will begin at a monthly rate of $5550. The assumption is that the Instructor will be in residence during all but one of the summers spanned by their contract (three out of the four from 2022 to 2025 under normal circumstances), and that residence is defined to be two of the three summer months. Those Instructors who choose not to satisfy the summer residence requirement will have their salary adjusted accordingly.

Eligibility requires completion of the PhD before September 30, 2022. Applicants should submit a cover letter, curriculum vitae, a graduate school transcript, thesis abstract, statement of research plans and interests, statement of pedagogical experience and interests, and at least three, preferably four, letters of recommendation. At least one referee should address the applicant's ability as a teacher and, if the applicant's native language is not English, the applicant's ability to use English in the classroom. At least two referees should write about the applicant's research ability. The Department will give first consideration to applications completed by **Wednesday January 5, 2022** but will accept applications until available positions are filled.

To initiate an application, go to http://www.mathjobs.org — Position ID: JWY #18002 and fill out the required application form online. General inquiries can be sent to Tracy Moloney, tfmoloney@math.dartmouth.edu. Specific questions on the selection process can be referred to Prof. Dana Williams, Recruiting Chair, dana@math.dartmouth.edu.

Dartmouth College is an equal opportunity/affirmative action employer with a strong commitment to diversity and inclusion. We prohibit discrimination on the basis of race, color, religion, sex, age, national origin, sexual orientation, gender identity or expression, disability, veteran status, marital status, or any other legally protected status. Applications by members of all underrepresented groups are encouraged.

math.dartmouth.edu/activities/recruiting