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 Ph.D. graduates with strong interests in both research and teaching. An Instructor should have a common research interest with some other member of the Department. Current research areas are in applied mathematics, combinatorics, geometry, logic, non-commutative geometry, number theory, operator algebras, probability, set theory and topology.

The department (http://www.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 Ph.D. program and outstanding undergraduate majors. Members of the department have collaborative connections across the Arts and Sciences, with the Geisel School of Medicine at Dartmouth, the Thayer School of Engineering, and the Tuck School of Business.

Dartmouth undergraduate and graduate student populations are diverse by many measures. We are especially interested in applicants with a record of successful teaching and mentoring of students from all backgrounds (including first-generation college students, low-income students, racial and ethnic minorities, women, LGBTQ, etc.) 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).

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, 2019, and may be extended for an additional 12 months. If granted, the third-year extension will continue the contract through August 31, 2022. Decisions concerning the third-year extension will be made by September 2020; this appointment is not renewable beyond the third year.

Salary will begin at a monthly rate of $5,229. 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 2019 to 2022 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 Ph.D. before September 30, 2019. Applicants should submit a *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 **February 1, 2019** but will accept applications until available positions are filled.

To initiate an application, go to http://www.mathjobs.org — Position ID: JWY #12260 and fill out the required application form online. General inquiries can be sent to Tracy Moloney, Department of Mathematics, Dartmouth College, 6188 Kemeny Hall, Hanover, New Hampshire 03755-3551. Specific questions on the selection process can be referred to Prof. Sergi Elizalde, Recruiting Chair.

http://www.math.dartmouth.edu/activities/recruiting/

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.