



# DARTMOUTH COLLEGE

## *The 2018–2021*

### *Instructorships in Applied and Computational Mathematics*

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The Dartmouth College Instructorship in Applied and Computational Mathematics is a post-doctoral two- to three-year appointment intended for promising Ph.D. graduates with strong interests in both research related to applied and computational mathematics and teaching. An Instructor should have a research interest in these areas in common with some other member of the Department. Current related research areas are in numerical methods, applied mathematics, complex systems, stochastic processes, network theory, statistical learning, and mathematical biology. Other areas of research in the Department include combinatorics, geometry, logic, non-commutative geometry, number theory, operator algebras, probability, set theory and topology.

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, 2018, and may be extended for an additional 12 months. If granted, the third year extension will continue the contract through August 31, 2021. Decisions concerning the third-year extension will be made by September 2019; this appointment is not renewable beyond the third year.

Salary will begin at a monthly rate of \$5,075. 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 2018 to 2021 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, 2018. Applicants should submit a *curriculum vitae*, a graduate school transcript, thesis abstract, statement of research plans 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, 2018**, but will accept applications until available positions are filled.

To initiate an application go to <http://www.mathjobs.org> — Position ID: IACM #10542 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. Anne Gelb, Recruiting Chair. Dartmouth College is committed to diversity and strongly encourages applications from women and minorities.

With an even distribution of male and female students and over a quarter of the undergraduate student population members of minority groups, Dartmouth is committed to diversity and encourages applications from women and minorities. Dartmouth is an equal opportunity/affirmative action employer with a strong commitment to diversity. In that spirit, we are particularly interested in receiving applications from a broad spectrum of people, including women, persons of color, persons with disabilities, veterans or any other legally protected group.

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