



DARTMOUTH COLLEGE

Instructorships in Applied and Computational Mathematics

The Instructorship in Applied and Computational Mathematics (IACM) at Dartmouth College is a two- to three-year postdoctoral appointment intended for promising Ph.D. graduates with strong interests in both teaching and research related to applied and computational mathematics. IACM applicants should share common research interests with at least one faculty member in the Applied and Computational Mathematics group in the department (<http://www.math.dartmouth.edu/research/applied-and-computational>). Applicants are asked to identify (via mathjobs) a department member whose research interests closely align with theirs. Current research areas in applied mathematics include: complex and dynamical systems, computational inverse problems, networks, numerical analysis, stochastic processes, statistical learning, and mathematical biology. Other active research areas in the Department include combinatorics, geometry, logic, non-commutative geometry, number theory, operator algebras, probability, set theory and topology.

Located in Hanover, New Hampshire, Dartmouth College is an Ivy League university that offers students, postdoctoral scholars, and faculty a close-knit academic community with global reach. Part of the Faculty of Arts and Sciences, the Department of Mathematics has 24 tenured and tenure-track faculty members, a strong PhD program, and outstanding undergraduate majors. Members of the department have collaborative connections across campus. In addition, postdoctoral scholars and graduate students are supported by the [Guarini School for Graduate and Advanced Studies](#), including their [diversity and inclusion initiatives](#). A complete list of all current openings in Mathematics can be found on our website: <http://www.math.dartmouth.edu/activities/recruiting/>.

The Department of Mathematics and [Dartmouth](#) are committed to fostering a diverse, equitable, and inclusive population of students, faculty, and staff. Dartmouth recently launched a new initiative, [Toward Equity](#), that embraces shared definitions of diversity, equity, inclusion, and belonging as a foundation for our success in institutional transformation. The specific efforts of the Mathematics department are highlighted on our [website](#). We are especially interested in applicants who are able to work effectively with students, faculty, and staff from all backgrounds and with different identities and attributes. In addition, we value applicants 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 provide a statement that addresses how their teaching, research, service, and/or life experiences prepare them to advance Dartmouth's commitments to diversity, equity, and inclusion. Applicants should state in their cover letter

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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 24 months, effective July 1, 2024. If granted, the third year extension will continue the contract for an additional 12 months. Decisions concerning the third-year extension will be made by September 2025; this appointment is not renewable beyond the third year.

Salary will begin at an annual rate of \$68,000. Qualified candidates should hold a PhD in Mathematics or a closely related field, or be ABD with degree conferred before September 30, 2024. Applicants should submit the following via MathJobs:

1. Application form, including the name of at least one faculty member whose research interests closely align with the applicant's.
2. Cover letter,
3. Curriculum vitae,
4. Graduate school transcript,
5. Statement of research experience, plans and interests,
6. Statement of pedagogical experience and interests,
7. 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 address the applicant's research ability.

The Department will give first consideration to applications completed by **January 5, 2024**, but will accept applications until available positions are filled.

To initiate an application, go to <http://www.mathjobs.org> — Position ID: **IACM #22893** and fill out the required application form online. General inquiries can be sent to the Department Administrator, Tracy Moloney, tfmoloney@math.dartmouth.edu. Specific questions on the selection process can be addressed to Professor Dan Rockmore, Recruiting Chair, Daniel.N.Rockmore@dartmouth.edu.

Equal Employment Opportunity Statement

Dartmouth College is an equal opportunity/affirmative action employer with a strong commitment to diversity and inclusion. We prohibit discrimination on the basis of sex, race, color, religion, age, disability, status as a veteran, national or ethnic origin, sexual orientation, gender identity, gender expression, or any other category protected by applicable law, in the administration of its educational policies, admission policies, scholarship and loan programs, employment, or other school administered programs. Applications by members of all underrepresented groups are encouraged.

If you are an applicant with a disability and need accommodations to assist in the job application or interview process, please email ADA@dartmouth.edu. In the subject line, please state “Application Accommodations” and include the job number or title. Someone from the ADA Compliance Office will be in touch within 2 business days.

For additional employment opportunities at Dartmouth College, please visit the [Dartmouth Interfolio Job Board](#), the [Office of the Provost](#), and the [Office of Human Resources](#).

Offers of employment are contingent upon consent to a pre-employment background check with results acceptable under Dartmouth policy. Please visit the [Office of Human Resources](#) for details.

All Dartmouth College employees must comply with the College’s health and safety guidelines and protocols, including but not limited to those related to COVID-19, such as any testing, masking, or distancing requirements that may be in place at any given time or place.
