



DARTMOUTH COLLEGE

Assistant Professor in Applied or Computational Mathematics

The Department of Mathematics at Dartmouth College welcomes applications for a junior tenure-track opening with initial appointment as early as the 2021–2022 academic year. Exceptional cases can merit appointment at higher rank. The successful applicant will have a research profile with a concentration in **applied or computational mathematics**. Current research areas in applied mathematics include complex systems, computational social sciences, network analysis, statistical learning, mathematical biology, stochastic processes, uncertainty quantification, and signal and image processing. See www.math.dartmouth.edu for a listing of our current faculty research interests and more detailed department information.

The successful candidate will already have a strong research record and the promise of continuing a high level of research activity, along with a keen interest and demonstrated excellence in teaching and mentorship of both undergraduates and graduate students. Candidates with the potential to bridge multiple areas are particularly attractive.

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 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. Applied math faculty also regularly collaborate with scientists at the Cold Regions Research and Engineering Laboratory (CRREL), an army lab located two miles from Dartmouth.

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).

To create an atmosphere supportive of research, Dartmouth offers new faculty members grants for research-related expenses, a quarter of sabbatical leave for each three academic years in residence and flexible scheduling of teaching responsibilities. The teaching responsibility in Mathematics is three courses spread over three of four ten-week terms.

Eligibility requires completion of the PhD before September 30, 2021. Applicants should submit a letter of application, curriculum vitae, and a brief statement of research results and interests, and a brief statement of pedagogical experience and philosophy; and arrange for four letters of reference, at least one of which specifically addresses teaching. Initiate application at www.mathjobs.org — Position ID: APAM #16169.

General inquiries can be sent to Tracy Moloney, Department Administrator, (tfmoloney@math.dartmouth.edu), Department of Mathematics, Dartmouth College, 6188 Kemeny Hall, Hanover, New Hampshire 03755-3551.

Specific questions on the selection process can be referred to Professor Anne Gelb, Recruiting Chair (annegelb@math.dartmouth.edu).

Application review will begin December 15, 2020 and continue until the position is filled.

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.

<https://math.dartmouth.edu/activities/recruiting>
