



DARTMOUTH COLLEGE

Jack Byrne Professor of Applied Mathematics

The Department of Mathematics at Dartmouth is delighted to announce two senior openings in applied mathematics at the rank of Professor, with initial appointment as early as 2019–2020, as the inaugural Jack Byrne Professors of Applied Mathematics. We seek acknowledged international leaders in applied mathematics with exemplary track records in creating mathematical and statistical methodological advances and their applications, especially as relates to the social, health, or financial sciences. These positions will sit within the Department of Mathematics and extend our existing group in applied mathematics. Current applied and computational interests in the department include complex systems, computational social sciences, network analysis, statistical learning, mathematical biology, stochastic processes, numerical analysis, PDE, imaging, and signal processing. Our strength in applied mathematics is complemented by strength in several areas in theoretical mathematics.

Together with a recent third senior position in decision sciences in Dartmouth’s top-ranked Tuck School of Business, these positions will be part of the Byrne Cluster. They represent further investment in the department’s continued efforts to expand its research efforts and related pedagogy in applied mathematics. We seek candidates with the potential to bridge multiple research areas both inside and outside the Department of Mathematics. The Byrne Cluster comes with programmatic funds to support those goals. In addition to research qualifications, candidates should have a keen interest and demonstrated excellence in teaching and mentorship of both undergraduates and graduate students.

The department (<https://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).

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.

Applicants should submit a letter of application, curriculum vitae, 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.math-jobs.org — Position ID: JBPAM #12522.**

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

Application review will begin December 15, 2018 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. Applications by members of all underrepresented groups are encouraged.

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