



DARTMOUTH COLLEGE

Jack Byrne Distinguished Professor of Applied Mathematics

The Department of Mathematics at Dartmouth is delighted to announce a senior opening in the inaugural Jack Byrne Distinguished Professor of Applied Mathematics, with initial appointment as early as 2017–2018. This new position is one of only a handful of “Distinguished Professorships” at Dartmouth. The successful applicant will be an acknowledged international leader in applied mathematics. The Byrne Distinguished Professor will be one of a cluster of three appointments around the general area of decision sciences and risk analysis, but also sits within the Department of Mathematics, complementing shared research interests. Examples of relevant areas of expertise include applied probability, applied statistics, operations research, and game theory. The successful applicant will have an exemplary track record in creating methodological advances and their applications, especially as relates to the health, social, or financial and business sciences. The Byrne Distinguished Professor will also influence a second appointment in the Department of Mathematics for this cluster. The third position will be a Distinguished Professor appointed in Dartmouth’s top-ranked Tuck School of business. These positions represent further investment in the departments’ continued efforts to expand its research efforts and related pedagogy in applied mathematics.

The successful candidate will have a strong record of extramural funding and will help to lead our growing applied and computational efforts. 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, signal processing and computational number theory. The candidate should also have a keen interest in working with our excellent undergraduate and graduate students.

Dartmouth College, a member of the Ivy League, is located in Hanover, New Hampshire (on the Vermont border). Dartmouth has a beautiful, historic campus, located in a scenic area on the Connecticut River. Recreational opportunities abound in all four seasons. The department (math.dartmouth.edu) is home to 22 tenured and tenure-track faculty members whose research encompasses the areas of Applied Mathematics, Combinatorics, Complex Systems, Differential Geometry, Functional Analysis, Logic, Noncommutative Geometry, Number Theory, Numerical Analysis, and Topology. The Department of Mathematics is in the School of Arts and Sciences, and has a strong Ph.D. program and outstanding undergraduate majors. Members of the department have strong collaborative connections with the Geisel School of Medicine at Dartmouth, the Thayer School of Engineering, and the Tuck School of Business. Candidates for the position must be committed to outstanding teaching, mentoring, and interaction with students at all levels of undergraduate and graduate study.

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, and a brief statement of research results and interests; and arrange for four letters of reference, at least one of which specifically addresses teaching.

Initiate application at www.mathjobs.org – Position ID: BDPAM #9011.

General inquiries can be sent to Tracy Moloney, Department Administrator, tmoloney@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 Dana Williams, Recruiting Chair, dana@math.dartmouth.edu.

Applications received by December 15, 2016 will receive first consideration.

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.

math.dartmouth.edu/activities/recruiting
