



DARTMOUTH COLLEGE

Jack Byrne Distinguished Professor of Applied Mathematics

The Department of Mathematics at Dartmouth is delighted to announce a senior opening as the inaugural Jack Byrne Distinguished Professor of Applied Mathematics, with initial appointment as early as the 2016–2017 academic year. This new position is one of only a handful of “Distinguished Professorships” at Dartmouth. The successful applicant is expected to be an acknowledged international leader in applied mathematics related to decision sciences and risk analysis. Examples of particular 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 be one of a cluster of three appointments around this general area and anticipated research activity. To that end, the Byrne Distinguished Professor will be able to influence a second appointment in the Department of Mathematics. A third position in the cluster will be a Distinguished Professor working in related areas and appointed in Dartmouth’s top-ranked Tuck School of Business. These positions represent further investment in the departments recent and current efforts to grow 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 #7298.

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 Dan Rockmore, Recruiting Chair (rockmore@math.dartmouth.edu).

Applications received by December 15, 2015 will receive first consideration.

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.

math.dartmouth.edu/activities/recruiting
