Montana State University
Bozeman

Professional/Faculty Search

<table>
<thead>
<tr>
<th>Search Number</th>
<th>6678</th>
</tr>
</thead>
<tbody>
<tr>
<td>Start Date</td>
<td>Upon successful completion of search process</td>
</tr>
<tr>
<td>Appointment</td>
<td>Full-time (1.0 FTE) renewable fiscal year contract</td>
</tr>
</tbody>
</table>

Montana State University values diverse perspectives and is committed to continually supporting, promoting and building an inclusive and culturally diverse campus environment. MSU recognizes the importance of work-life integration and strives to be responsive to the needs of dual career couples.

Community Information

Founded in 1893 as a Land Grant University, Montana State University (MSU) is composed of nine academic colleges and a graduate school and boasts a friendly, supportive faculty and campus environment. Currently, the University hosts an enrollment of over 15,000 students, including approximately 2,000 graduate students. MSU is classified as one of 108 U.S. Research Universities (very high research activity) by the Carnegie Foundation.

MSU is located in Bozeman, Montana, an extended community of about 70,000 nestled in the Rocky Mountains in Southwest Montana. In addition to providing access to an extraordinary ecosystem for teaching and research programs, Bozeman is renowned for year-round recreational and cultural opportunities to include access to world class ski areas, multiple blue ribbon trout streams and the Gallatin National Forest. The Bozeman-Yellowstone International Airport is served by several major airlines and is the busiest airport in the state.

Named an All American City, Bozeman boasts high-quality medical facilities, a very low crime rate, many fine restaurants, acclaimed public and private schools, a symphony orchestra and choir, an annual opera, and nationally known events such as the Sweet Pea Festival of the Arts held in early August of each year. Bozeman is listed as one of National Geographic's "World's 25 Best Ski Towns." Bizjournals.com ranked Bozeman #2 on the list of American Dreamtowns - small towns that offer the best quality of life without metropolitan hassles. The K-12 educational system, growing reputation of Montana State University, and pristine natural environment of the area combine to make Bozeman one of America's most desirable university towns. Bozeman is located in the beautiful Gallatin Valley, 90 miles north of Yellowstone National Park.

Overview

The Department of Mathematical Sciences at Montana State University invites applications for a tenure-track position in Mathematics at Assistant Professor level to begin in August 2015.

Duties and Responsibilities

The Mathematics faculty at MSU maintains strong research in dynamics, algebraic topology, analysis, applied mathematics, and mathematical biology. We are seeking a candidate with a well-developed research program that complements these areas.

The following fields are of particular interest:
– topological data analysis
– algebraic geometry,
– geometric analysis,
– representation theory.

An ideal candidate will have an interest in understanding large data sets and a background in abstract mathematics. Highly qualified candidates in any field of pure or applied mathematics are welcome to apply.

As a tenure-track faculty member, a successful applicant must be able to balance the demands of teaching and advising students, conducting a research program that results in publication in high-quality venues, and seeking external funding for research. The normal teaching duties are two courses each semester. The candidate will also serve on master’s and doctoral committees and participate in departmental and university service activities.

We hope to attract applicants who can teach in a diverse University community and have demonstrated ability in helping students from diverse backgrounds succeed.

### Required Qualifications

1. Ph.D. in Mathematics or closely related field.
2. Evidence of research potential in mathematics

### Preferred Qualifications

1. Strong research program.
2. Interest in an area that meshes with the department.
3. University teaching experience.

### The Successful Candidate Will

1. Support the MSU mathematics group in providing outstanding undergraduate and graduate teaching and advising;
2. Engage in mathematics research that will complement the current faculty members’ research;
3. Possess effective interpersonal, oral and written communication skills including the ability to collaborate successfully with faculty from Department of Mathematical Sciences and other Departments.
4. Have an appreciation of diverse constituencies and add intellectual diversity to the department.

### Additional Requirements

**In accordance with MSU policy, hiring will be conditional upon successful completion of a pre-employment background check.**

### Application Deadline

Screening of applications will begin on **December 1st, 2014** and applications will continue to be accepted until the position is filled. The applications completed before **January 5th 2015** will be given full consideration.

### Application Procedure

Application materials should be submitted online at [www.mathjobs.org](http://www.mathjobs.org) and should consist of the following:

1. a standard AMS cover sheet,
2. a letter of application addressing all of the above required and preferred qualifications,
3. a current curriculum vitae,
4. a statement of current and planned research,
5. a statement of teaching interests and experience,
6. three letters of recommendation,
7. a fourth letter addressing teaching qualifications is preferred.

The letters of recommendation should be submitted online, by their authors, at www.mathjobs.org.

An application packet addressing all of the above listed items is highly encouraged. Missing materials and/or information may not be requested and may result in your application not being considered for the position.

In exceptional circumstances when online submission is not possible the materials can be mailed to the following USPS address:

Mathematics Search Committee  
Department of Mathematical Sciences  
Montana State University  
PO Box  172400  
Bozeman MT  59717-2400

In order to receive Veterans Preference during the application review process, it is highly recommended that the required forms are included at the time you submit your application materials. Click here for the forms and information regarding Veterans Preference. Important note: Your preference form is submitted to a different location than your application materials. A DD214 is not a required document.

 Posted  (insert mm/dd/yyyy initials)