# Assistant Professor of Statistics

## Position Details

### Position Information

<table>
<thead>
<tr>
<th>Announcement Number</th>
<th>FAC - VA - 15158</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quick Link for Internal Postings</td>
<td><a href="http://jobs.montana.edu:80/postings/1892">http://jobs.montana.edu:80/postings/1892</a></td>
</tr>
<tr>
<td>For questions regarding this position, please contact:</td>
<td>Steve Cherry, <a href="mailto:cherry@math.montana.edu">cherry@math.montana.edu</a>, (406) 994-5367</td>
</tr>
</tbody>
</table>

### Classification Title

Assistant Professor

### Working Title

Assistant Professor of Statistics

### Brief Position Overview

The Department of Mathematical Sciences at Montana State University – Bozeman invites applications for a tenure-track position in Statistics at the Assistant Professor level to begin in August 2016.

### Faculty Tenure Track

Yes

### Faculty Rank

Assistant Professor

### Position Number

4A4239

### Department

Mathematical Sciences

### Division

College of Letters & Science

### Appointment Type

Faculty

### Contract Term

Academic Year

### Semester

If other, specify From date

If other, specify End date

### FLSA

Exempt

### Union Affiliation

Exempt from Collective Bargaining

### FTE

1.0

### Benefits Eligible

Yes

### Salary

Salary commensurate with experience, education, and qualifications.

### Contract Type

MUS

### Recruitment Type

Open
Position Details

General Statement
The Department of Mathematical Sciences at Montana State University – Bozeman invites application for a tenure-track position in Statistics at the Assistant Professor level to begin August 2016. We seek candidates who are broadly trained in theory, methods, and data analysis, and who have a commitment to excellence in teaching. We are particularly interested in candidates with research interests in statistics education, biostatistics, statistical computing, or statistical methods for high dimensional data.

Duties and Responsibilities
Duties include teaching, research, and service. A commitment to excellence in teaching and an active research program are essential. Instructional responsibilities include teaching lower division, upper division, and graduate courses in Statistics as well as advising undergraduate and graduate students. Responsibilities may also include supervising lower division statistics courses. Service includes departmental, college, and university committee work, consulting with university scientists, and participation in professional organizations both locally and nationally.

Required Qualifications – Experience, Education, Knowledge & Skills
1. Ph.D. in Statistics, Biostatistics, or equivalent.
2. Broadly trained in statistical theory, methods, and data analysis
3. Teaching experience (GTA acceptable).

Preferred Qualifications – Experience, Education, Knowledge & Skills
1. Demonstration of a commitment to excellence in teaching
2. Demonstration of ability to maintain a research program and advise graduate students in the future.
4. Interest and experience in collaborating with researchers in other disciplines
5. Interest and experience in curriculum development of undergraduate and graduate courses in Statistics
7. Potential for and interest in working with and engaging diverse students and colleagues within and outside the Dept. of Mathematical Sciences

The Successful Candidate Will
The successful candidate will be an independent researcher with a strong commitment to quality teaching and will contribute to the Department’s mission of providing outstanding teaching, research, and service in Statistics to the local, national, and international communities. The successful candidate will have strong oral and written communication skills, effective interpersonal skills, and will have the ability to collaborate productively with students and faculty at Montana State University.

Position Special Requirements/Additional Information

Physical Demands

The Program
The Department of Mathematical Sciences is recognized as a leading department of Statistics, Mathematics, and Mathematics Education. Bachelors, masters, and doctoral graduates in all of these areas are following successful careers in industry, government, and academia. Located in the heart of the Rocky Mountains, 80 miles north of Yellowstone National Park, we offer outstanding educational opportunities in an area of exquisitely beautiful scenery and outdoor recreation. Our department has a multifaceted role on campus and in Montana, We have the largest instructional component on campus, delivering about 10% of the total student credit hours. We offer a B.S. in Mathematics with options in mathematics, applied mathematics, mathematics teaching, and statistics; an M.S. in Mathematics with options in Mathematics and Mathematics Education; an M.S. in Statistics; a Ph.D. in Mathematics.
with emphases in Mathematics and Mathematics Education; and a Ph.D. in Statistics with emphases in Statistics and Statistics Education. The mathematics education option for the M.S. in Mathematics is an online program. Research in statistics encompasses a broad range of theoretical and applied topics. Because the statisticians are actively engaged in interdisciplinary work, much of the statistical research is directed toward practical problems. Mathematics education faculty are active in both qualitative and quantitative experimental research areas. These include teacher preparation, coaching and mentoring for in-service teachers, online learning and curriculum development. Mathematical research at MSU is focused primarily on related topics in pure and applied mathematics. Research programs complement each other and are often applied to problems in science and engineering.

The College

The College of Letters and Science (L&S), the largest center for learning, teaching and research at Montana State University, offers students an excellent liberal arts and sciences education in nearly 50 majors, 25 minors and over 25 graduate degrees within the four areas of the humanities, natural sciences, mathematics and social sciences. Building on the great strength of our traditional disciplines, the college provides exciting opportunities for faculty and students at the cutting edge of interdisciplinary inquiry. L&S is dedicated to supporting student success, discovering and disseminating new knowledge, and providing an atmosphere in which discovery and learning are integrated and valued. L&S is at the confluence of intellectual tradition, discovery, and innovation.

This position has supervisory duties? No

Comments

Posting Detail Information

Number of Vacancies

Desired Start Date August 2016

Position End Date (if temporary)

Open Date

Close Date

Applications will be: Screening of applications will begin on November 1, 2015; however, applications will continue to be accepted until an adequate applicant pool has been established.

Special Instructions

Please apply online and upload the following:

- Cover Letter addressing the Required and Preferred Qualifications
- Curriculum Vitae
- Research Statement
- Teaching Statement
- Three Letters of Reference, at least one of which should address teaching
- Transcript (Unofficial)

Please note: A minimum of 3 professional references are required in your profile when applying for this position.

Diversity Statement

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.

Montana State University is committed to providing a working and learning environment free from discrimination. As such, the University does not discriminate in
the admission, access to or conduct of its educational programs and activities nor in its employment policies and practices on the basis of race, color, religion, national origin, ethnicity, creed, service in the uniformed services (as defined in state and federal law), veteran status, gender, age, political beliefs, marital or family status, pregnancy, physical or mental disability, genetic information, gender identity, gender expression, or sexual orientation or preference. In support of the University’s mission to be inclusive and diverse, applications from qualified minorities, women, veterans and persons with disabilities are highly encouraged. Montana State University makes accommodation for any known disability that may interfere with an applicant’s ability to compete in the hiring process or an employee’s ability to perform the duties of the job. In compliance with the Montana Veteran’s Employment Preference Act, MSU provides preference in employment to veterans, disabled veterans, and certain eligible relatives of veterans. To claim veteran’s preference please complete the veteran’s preference Information located in the Demographics section of your profile. To request an accommodation, contact the Office of Human Resources, PO Box 172520, Montana State University, Bozeman MT 59717-2520; 406-994-3651; hrpp_forms@montana.edu. MSU’s Non-Discrimination Policy and Discrimination Grievance Procedures can be located on the MSU Website: www2.montana.edu/policy/affirmative_action/

Posting Specific Questions

Required fields are indicated with an asterisk (*).

Applicant Documents

Required Documents

1. Cover Letter addressing Each of the Required and Preferred Qualifications
2. Curriculum Vitae
3. Research Statement
4. Teaching Statement
5. Letter of Reference 1
6. Letter of Reference 2
7. Letter of Reference 3
8. Transcript

Optional Documents

1. Transcript - Additional #1
2. Transcript - Additional #2
3. Transcript - Additional #3