FACULTY VACANCY ANNOUNCEMENT

Instructor of Mathematics

Department: Mathematics
Position: Full-time, academic year, renewable, non-tenure track
Wage: Negotiable within the range established in faculty CBA ($32,000- $40,000)
Union Affiliation: MEA-MFT
Posting Date: October 2015

Description

The department of mathematics at the University of Montana Western is excited to be undergoing the process of revising the core curriculum for its B.S. Mathematical degree. The revised degree will be highly focused on mathematical modeling and analysis in data intensive fields such as genomics, ecology, structural geology, information science, etc. In support of this degree, the department invites applications for a full-time instructor position (four, four-credit courses per semester) that will be focused on the effective teaching of courses that likely include probability, our calculus sequence, and some developmental and general education courses. A variety of interdisciplinary, undergraduate research opportunities will be threaded longitudinally through the revised curriculum. The successful candidate would be expected to support the development of these opportunities.

Since 2005, the University of Montana Western has been the only publicly funded, four-year baccalaureate degree granting university to operate fully on a block schedule. Each semester, students enroll in a full time load of four classes that they take one at a time for three hours per day for 18 consecutive weekdays. Experiential learning, in the sense that it is the authentic practice of a given academic discipline, is emphasized at Montana Western. Under the proposed curriculum for the B.S. Mathematics degree, this is specifically taken to mean that students will engage in undergraduate research activities that will be designed to help prepare them for professional work in mathematics or statistics upon graduation.

Qualifications

The successful candidate must possess the following qualifications:

1. Has earned a M.S. or M.A. (or higher) in mathematics, applied mathematics, or statistics.
2. Can demonstrate success at promoting a high level of student achievement in a challenging mathematical curriculum.
3. Has documented experience at teaching effectively under a block schedule OR is enthusiastic about working with existing mathematics department faculty in order to learn how to do so.
4. Can provide a record of successful involvement in and promotion of undergraduate research in mathematical modeling (especially if using stochastic techniques), statistics, and data mining or related areas. If no such record exists, the successful candidate should be able to offer a plan for developing this area of his or her professional profile.

Application

Interested applicants will send a complete application in electronic (MS Word or PDF only please) to the chair of the Mathematics Department, Dr. Eric Wright at eric.wright@umwestern.edu. Review of applications will begin on December 16th, 2015 and will continue until the position is filled. The start date for the position is August 1st, 2016.

A complete application includes:

1. A current curriculum vita.
2. Unofficial academic transcripts that verify the required degree qualifications (official transcripts will be required at the time of hire).
3. A well composed and concise teaching statement that illustrates how the candidate meets or exceeds the qualifications for the position that are listed above.
4. A list of four current professional references and their telephone and email contact information. These references should be able to speak frankly to the candidate’s qualifications for this position.

The University & Dillon Area

The University of Montana Western, located in Dillon, Mont., is an innovative institution nestled in a scenic valley in the Rocky Mountains of southwestern Montana. The campus Full-Time Equivalent (FTE) for student enrollment is approximately 1,289. Montana Western has over 60 FTE faculty members, features small cases for all students and has been recognized for excellence by U.S. News and World Report. Montana Western’s small size and focus on education innovation have earned it the reputation of being a place where faculty and staff chose to collegially and creatively make a difference in the education of students. Montana Western is the first and only public four-year college in the nation to use block scheduling in which students take a single class at a time. This immersion learning program facilitates increased opportunities for experiential types of learning.

The mission of the University of Montana Western is to provide innovative interdisciplinary education through experiential learning that combines theory and practice. Montana Western services citizens of all ages with its academic, community service, and lifelong-learning programs. As part of the global community, Montana Western encourages diversity, international awareness, environmental responsibility, and mastery of technology as a gateway to the world.

Dillon, a community of 5,000 people, is known for outstanding public schools, safe environments, recreational opportunities and an excellent quality of life.

The University of Montana Western is an equal opportunity/affirmative action employer and encourages applications from qualified women, minorities, veterans and people with disabilities.
Qualified candidates may request veterans, or disabilities preference in accordance with state law. Reasonable accommodations are provided in the hiring process for persons with disabilities. Finalists for this position will be subject to a criminal background investigation.