Position: ADVANCED MATHEMATICS INSTRUCTOR

Rate of Pay: $1,750 for six weeks (30 hours of instruction)

What is Upward Bound? The UM Upward Bound program has been funded since 1966 to “provide the academic skills and motivation necessary for low income culturally diverse high school students to succeed in college.” The program employs math, science, English, and elective instructors to plan and teach 6-week summer courses. The courses should include innovative teaching methods that develop skills while generating student interest in the subject material.

General Course Description: Based upon math assessment placing, roughly 15 high school students will enroll in the course. Most of the students will be placed because they have successfully passed through at least Algebra 2 in high school. The curriculum should address the Montana Common Core Standards for (FST) Mathematics. (The Standards are listed on the web at http://opi.mt.gov/Curriculum/MontCAS/MCCS/index.php#gpm1_4). Considering that the course is 30 hours in length, selecting the most relevant content standards is necessary.

Qualifications:
- Secondary mathematics teaching endorsement required.
- Evidence of successful experience teaching math required.
- Experience designing math curriculum and assessing student performance required.
- High teacher interest in the program’s students and goals required.
- Successful experience teaching students from diverse cultural, academic, and economic backgrounds preferred.
- Previous Upward Bound experience preferred.

Duties and responsibilities:
- Participate in summer curriculum planning session on April 23rd with UB instructors and administration to identify teaching topics, resources, and methodology.
- Submit materials wish list and draft curriculum by May 20.
- Submit final course syllabus and calendar by June 15.
- Attend a half-day staff orientation on June 20.
- Work with the other math instructors, research and administer a math placement tool for sectioning students into appropriate UB math courses. Final sectioning to occur on June 20.
- Instruct course on Mondays through Fridays from 9:00AM to 10:00AM. First day of class is June 20 and last day is July 28.
- Maintain daily student attendance record.
- Attend a one-hour noon staff meeting each Monday for the six weeks.
- Complete mid-term and final student evaluations.
- Present math award at the July 28 student awards program.

For more information about the University of Montana Upward Bound program, please contact Alysa Kelly, Academic Coordinator: alysa.kelly@umontana.edu or 406 243-2220