

## Scholarships for 2011/2012

The Department of Mathematical Sciences has the following scholarships for math majors.

### Joseph Hashisaki Memorial Scholarship

The Joseph Hashisaki Memorial Scholarship (\$1500) is given annually to an upper-division mathematics major. The award is named in honor of Joe Hashisaki, a member of the Department from 1953-1962, who founded the Two-Year College Mathematics Journal. He, along with John A. Peterson, published *Theory of Arithmetic* in the 1960's, the first mathematics textbook specifically for prospective elementary teachers. This award, based on both ability and need, is funded by the Joseph Hashisaki Memorial Scholarship Fund.

### Mac Johnson Family Scholarships

The Mac Johnson Family Scholarships are given annually to undergraduate math majors who have completed at least one semester of calculus and shown exceptional talent in mathematics. These \$1000 scholarships are named in honor of the Mac Johnson family who gave the endowment to fund this scholarship. Mac Johnson earned both a bachelor's and master's degree from The University of Montana and taught mathematics at Cut Bank High School and Northern Montana College. His wife, Virginia, also attended The University of Montana.

### Ernest R. Anderson and Josephine (Burgey) Anderson Mathematics Scholarship

This scholarship for mathematics majors was established in 2007 by the estate of Josephine and Ernest Anderson, who graduated from UM in 1939: Ernest in mathematics and education, and Josephine in English. Ernest went on to obtain his master's and doctoral degrees from UCLA. The winner of this \$1200 award will be selected based on academic achievement.

### Undergraduate Teaching Scholar Award

An undergraduate teaching scholar assists a regular faculty member with classroom activities in a lower-division mathematics course. Examples include working with small groups in the classroom, offering relevant technology components, conducting problem solving sessions, or designing any other appropriate classroom related activity. The teaching scholar works directly with the faculty mentor on a regular basis for a specific class. Teaching scholar awards are \$1750 per semester or \$3500 per year. Awardees must be junior or senior math majors during the academic year 2011/2012.

### Undergraduate Tutorial Scholar Award

An undergraduate tutorial scholar meets with students from one or more sections of a 100-, 200-, or 300-level mathematics course. These meetings may take place outside of class in convenient locations (for example, the Undergraduate Study Lounge or the UC). Study groups among the students will be encouraged. The tutorial scholar consults regularly with the faculty course coordinator to find effective ways to assist the students with the material. Tutorial scholar awards are \$1400 per semester or \$2800 per year. Awardees must be junior or senior math majors during the academic year 2011/2012.

### Undergraduate Research Scholar Award

An undergraduate research scholar works with a tenure-track faculty member on an undergraduate research project in the mathematical sciences, usually resulting in a presentation. A description of the research project by the research advisor is part of the application for this award. Research scholar awards are \$1000 per semester, and typically continue for two semesters, subject to satisfactory progress. Awardees must be junior or senior math majors during the academic year 2011/2012. (Awards will be made only if this new program receives final approval.)

Eligibility Requirements: At the time of application, students must have completed, or be currently enrolled in, a math course at UM. Awardees must be enrolled at UM during the academic year 2011/2012. Full-year awards will be credited by the Financial Aid Office to the students' accounts in two installments, at the beginning of the fall and spring semesters.

**Scholarship applications are due in Math 102 by Wednesday, March 9, 2011.**

**Application forms are available in the department office (Math 102) & at**

**<http://www.umt.edu/math/undergraduate/#awards>.**



Department of Mathematical Sciences

## Awards

### **N.J. Lennes Exam**

The N.J. Lennes Exam is a competitive examination given annually by the Department of Mathematical Sciences. The exam is named in honor of Professor Nels Johann Lennes, who chaired the department from 1913 to 1944. N. J. Lennes wrote numerous mathematics textbooks. He built the house that is currently the home of the President of The University of Montana. Zero, one, two, three or more prizes may be awarded at the discretion of the judges. Awards are typically in the \$100-\$200 range. The exam may be taken by any UM undergraduate student, mathematics major or not. Students who have taken one year of calculus are encouraged to take the exam. (The initial endowment for these awards was donated by members of the extended Lennes family.)

### **John A. Peterson Mathematics Education Award**

The John A. Peterson Mathematics Education Award is a book given annually to a graduating senior with a major in mathematics education. The award is named in honor of John A. Peterson, a member of the Department of Mathematics and Computer Sciences from 1955 to 1973. He, along with Joseph Hashisaki, published *Theory of Arithmetic* in the 1960's, the first mathematics textbook specifically for prospective elementary teachers. The recipient must be an outstanding student in mathematics education and a graduating senior. (The money for this award comes from the Mathematics Gift Fund.)

### **President's Senior Recognition Day**

Each spring, Mortar Board recognizes outstanding seniors nominated by academic departments and student organizations. The Department of Mathematical Sciences and Pi Mu Epsilon each nominate candidates. Eligible students must be graduating during the academic year 2010-2011, have a cumulative GPA at least 3.0, and demonstrate a commitment to professional development, leadership, and service.