

SERVICE

UNIVERSITY COMMITTEES

- **Secretary of the Undergraduate Research Committee (2006 - present)** - This committee evaluates, ranks, and funds research proposals from undergraduate students. Every spring semester, the committee plans and conducts the Undergraduate Research and Creativity Day. As secretary, I record and distribute the minutes of each meeting.
- **Faculty representative on Student Association Committees.** I have served as a faculty represented on the following committees
 - **Apportionment Committee (2006-2007)** - This committee is responsible for establishing policies for and dispensing allocable student fees to campus student activities. It also has the power to make recommendations on setting student fee levels.
 - **Student Organization Committee (2007 - present)** This committee is responsible for recommendations to the Student Senate for the formulation of general policies concerning student organizations, and for recommendations regarding the distribution of the allocable fees for programming organizations.
 - **Student Services and Buildings Committee (2007 - present)** This committee establishes rules and regulations for the buildings (Cartwright Center, the Stadium, Whitney Center, & Recreational Eagle Center) that receive support from student fees.
 - **Academic Affairs (2005-2007)** - This committee is responsible for assisting and coordinating academic reform on campus. The committee recommends policies and actions to Student Senate.

DEPARTMENT COMMITTEES

- **Faculty advisor for the Math Club (2004 - present)** I plan weekly talks and activities for the students interested in mathematics.
- **Search and Screen Committee for position in Mathematics (2005-2006)** - I assisted in the recruiting, screening, and interviewing of approximately 200 applicants.
- **Mathematical Biology curriculum development committee (2005 - present)** I investigate courses related to mathematical biology and help create math courses for biology majors.
- **Calculus curriculum review committee (2005-2006)** This committee reviewed the syllabi of the four calculus courses (MTH 207, 208, 309, and 310) and suggested a change in the order of topics. This change was made during the 2006 academic year.
- **Math Department Speaker Series (2006 - present)** I assist in planning and recruiting a speaker from off-campus to speak to the Math Department each fall.

PROFESSIONAL SERVICE

- I **refereed articles** for the Council on Undergraduate Research (CUR) Quarterly journal.
- I **reviewed** an article for Mathematics Review. Mathematics Review is an electronic publication offering access to an easily searchable database of reviews, abstracts and bibliographic information for much of the mathematical sciences literature.
- **Chaired American Mathematical Society Session** on Partial Differential Equations, American Mathematical Society-Mathematical Association of America Joint Mathematics Meeting, New Orleans 2007.

OTHER SERVICE

- **Girls in Science (Summer 2007)** - I developed and presented a two-hour workshop on “Math is Everywhere.” Middle school age girls examined a model for the spread of a disease through a school and explored the uses of knot theory.
- In April 2005, I gave a talk to the **UW-L Math Club** titled “Catenary or Parabola?” I applied methods from calculus and differential equations to show that suspended chains and telephone wires are in the shape of a catenary and not a parabola.
- **Grading Credit by Exam** - Early each fall semester the department administers an exam by which passing students earn credit for MTH 150 - College Algebra. I have helped administer and grade the exam for the last 4 years.
- **Freshman Advising** In June 2005 and 2006, I assisted in the advising of incoming freshman.