University of Michigan

Applied and Interdisciplinary Mathematics

Introduces

The Marjorie Lee Browne Scholars Program

An innovative, fully funded Master's program designed to prepare students for doctoral studies in Applied and Interdisciplinary Mathematics

http://www.math.lsa.umich.edu/aim-grad/MS
MLB_Scholars@umich.edu
The Marjorie Lee Browne Scholars Program

This master’s degree program is designed to give students professional knowledge of several areas of Applied Mathematics, focusing on a specific area of application, in order to prepare them for continuing towards a Ph.D.

The Marjorie Lee Browne Scholars program is a fully funded, two-year master’s program that includes an annual stipend, tuition waiver, and health insurance for each student and dependents. Support will be available for up to four incoming students each academic year.

If you are interested in graduate level Applied and Interdisciplinary Mathematics, then the Marjorie Lee Browne program may be just right for you!

The Marjorie Lee Browne Scholars program has three primary goals:

• Introduce students to the study of applied and interdisciplinary mathematics who might not otherwise have considered it;
• Give students opportunities to learn about the full range of subjects in Applied Mathematics;
• Prepare students to succeed in top-rated Ph.D. programs in the Mathematical Sciences

Special features of the MLB Scholars program include:

• Pairing students with specially-selected faculty and graduate student mentors,
• Engaging students in cutting-edge graduate research projects,
• Providing an array of enrichment workshops on career development, personal finance, technical writing and many other topics,
• Full funding for two academic years and two summers.
As a Marjorie Lee Browne Scholar you will gain:

- A broad perspective about mathematics and its connections to other disciplines,
- A support network providing mentorship and advice
- The basic tools needed to compete in top Ph.D. programs

The vision of the MLB Scholars program is to impart to the next generation of scholars the foundational skills required to combine a deep knowledge of applied science with the mathematical, computational, and physical sophistication needed to address the increasingly complex problems that are on the international horizon and to become leaders in the world-wide scientific community.

Why Study Applied and Interdisciplinary Mathematics?
Many critical economic, environmental, and human health related challenges that our nation is currently facing lie at the intersection of mathematics, science, and engineering. To understand important scientific discoveries and to harness their intricacies for human benefit requires cross-disciplinary approaches. By obtaining higher education and training aimed at unifying the fields of mathematics and other disciplines, you will be able to begin to understand these challenges!

Why Study Applied and Interdisciplinary Mathematics (AIM) at the University of Michigan?
The AIM program, which houses the Marjorie Lee Browne Scholars program, is designed to be attractive to students who enjoy the interaction of mathematics with other academic fields. Students in AIM do not necessarily have an undergraduate degree in mathematics but instead come from a range of undergraduate fields. The important aspect they share is that they are comfortable with mathematical concepts and have a strong interest in some partner discipline such as biology, finance, control theory or fluid mechanics to name a few. All AIM students are suitably trained to pursue a research career where mathematical sophistication is increasingly important.
Interested in learning more about Applied Math at UM? Check out our website: http://www.math.lsa.umich.edu/aim-grad

Students will be admitted into the Marjorie Lee Browne Scholars program based on:
  a) their academic promise,
  b) their potential to benefit from a broad-based training program, and
  c) their contribution to enhancing the diversity of students in applied and interdisciplinary mathematics.

There may be a limited number of application fee waivers available. Please send an email to the address below to inquire about receiving one.

To learn more about MLB Scholars eligibility and admissions go to: http://www.math.lsa.umich.edu/aim-grad/MS

If you have any general questions about the AIM program, the MLB Scholars program, or the admissions process, please contact us at the following address or e-mail below. Please include “AIM PROGRAM” or “MLB PROGRAM” in the subject line of any e-mail inquiry.

AIM Program
Department of Mathematics
University of Michigan
Ann Arbor, MI 48109-1043 USA
734.615.3439 or 734.764.7436
E-mail: math-grad-admissions@umich.edu

For specific inquiries about eligibility or content of the Marjorie Lee Browne program, please contact:
Professor Trachette Jackson (MLB_Scholars@umich.edu)

MLB Scholars...Your Bridge to Success!
http://www.math.lsa.umich.edu/aim-grad/MS