

College of Arts and Sciences Foundation Profile

Department of Mathematics and Computer Science

I. General Description

The Department offers five-degree programs in five areas. These areas are related, but culturally distinct. The areas are mathematics, mathematics education, and computer science. We offer BA/BS in all three areas and MA/MS in mathematics and computer science.

Mathematics Mission Statement: The mission of the program is to prepare its graduates for work in mathematics-related employment and for further studies in the mathematical sciences.

Computer Science Mission Statement: The mission of the computer science program is to prepare its graduates for work in computer-related jobs and for further study in computer science. The program does this by giving its students appropriate experiences in design, systems, and theory.

I. Points of Pride

- Hosted MIGHTY LII, the 52nd Midwest Graph Theory Conference in April 2012
- Received an award from the U.S. Secretary of Energy Steven Chu for outstanding service for hosting the Indiana Regional Science Bowl for the past 10 years
- Four students supported by faculty-supervised research projects in summer 2012
- Two women were promoted to full professor in 2012 (the first two in the department ever, as far as we know)
- Hired two female tenure-track faculty members for 2012-2013

II. Vision

The department seeks to provide a collegial atmosphere in which faculty can thrive as scholars and educators. All undergraduate students are trained to be quantitatively literate in order to provide the state and region with a high-functioning work force. We seek to grow our degree programs and increase the visibility of the department, college, and university through scholarship and interdisciplinary projects.

III. Opportunities for Philanthropic Support

- *Endowed Scholarships:* to provide tuition and fees for undergraduate or graduate students. Minimum \$20,000 to name a scholarship
- *Endowed lecture series:* allows well-known scholars to visit the campus and give a public lecture. \$50,000
- *MathLab:* provides funds for operating the MathLab. \$5000 per year or \$150,000 endowment with named facility