



INTERDISCIPLINARY MATHEMATICS RESEARCH

An NSF-Funded Summer REU in Interdisciplinary Mathematics

June 9 – July 18, 2014

MAXIMA is an intensive six-week summer REU in interdisciplinary mathematics, run jointly by the Macalester Department of Mathematics, Statistics, and Computer Science (MSCS) and the Institute for Mathematics and its Applications (IMA). The program will be hosted at the IMA, located on the Twin Cities campus of the University of Minnesota (UMN).

Twelve students will work in teams of four on an open research problem in applied mathematics. The topics for summer 2014 are smartphone activity tracking, computer vision, and online communities. These problems have been posed by UMN researchers from biostatistics and computer science and engineering. Each team will be advised by an MSCS faculty member and will also be mentored by an IMA postdoctoral fellow.

The application process is now open. The program is open to full-time undergraduates majoring in mathematics or a related field at a U.S. college or university as well as international students studying in the United States. A \$3,000 stipend, travel expenses, and room and board are provided.

All materials must be received by February 21, 2014.

Institute for Mathematics
and its Applications

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