RESEARCH EXPERIENCE FOR UNDERGRADUATES
“COMPUTATION ACROSS THE DISCIPLINES”

Marquette University
Milwaukee, Wisconsin
May 29 – August 3, 2012

Work on research projects with faculty mentors in computational areas of computer science, mathematics, mathematics education and statistics. Projects such as:

- Investigate how much abnormal bending and winding of vessels there is in parts of a human circulatory system to help diagnose and treat certain medical conditions
- Build a real-time operating system for exotic embedded hardware platforms
- Learn aspects of game theory and use it to research a security application such as strategic games related to research in nuclear detection, triage and evacuation
- Many more projects will be available for viewing by 2/1/2012

This activity is funded by a grant from the National Science Foundation

Department of Mathematics, Statistics & Computer Science, Marquette University

The website http://acm.mscs.mu.edu/reu/ has information from the 2011 wiki and will be updated with information and registration instructions by February 1, 2012.

Applications are due by March 9, 2012, with final selections of participants to be made on or before March 30, 2012.

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Note that due to the NSF funding, successful applicants must be U.S. citizens.

- Research for 10 weeks, learn new things, and earn $5,000
- On campus housing, food stipend, and travel paid for
- Milwaukee is known as the “City of Festivals” in the summer—be a part of the celebration
- Many planned off-campus activities such as baseball games, Six Flags, Summerfest, and others
- Weekly lunches to share experiences with others