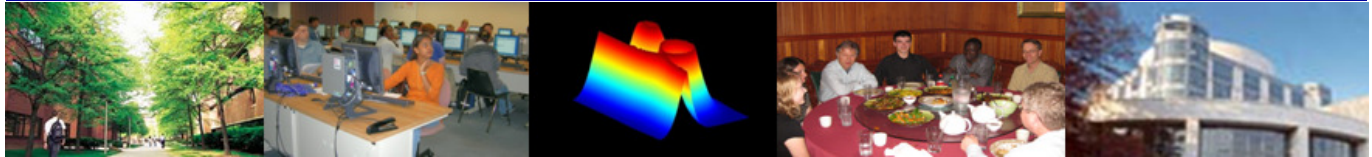




AN HONORS UNIVERSITY IN MARYLAND

RESEARCH EXPERIENCES FOR UNDERGRADUATES SITE



**REU Site: Interdisciplinary Program in High Performance Computing**

University of Maryland, Baltimore County (UMBC)  
 Suburban campus just Southwest of Baltimore, Maryland  
 Summer 2015  
[www.umbc.edu/hpcreu](http://www.umbc.edu/hpcreu)

**Key Elements:**

- Eight weeks of instruction and research training from June 15 to August 7; for detailed schedule see [www.umbc.edu/hpcreu](http://www.umbc.edu/hpcreu)
- **Certificate in High Performance Computing** granted by UMBC Training Centers with introduction to tools of scientific, statistical, and parallel computing (C, MPI, Linux, MATLAB, R, LaTeX)
- Access to the state-of-the-art 240-node parallel cluster maya with high performance interconnect in the UMBC High Performance Computing Facility (HPCF).
- Interdisciplinary projects with clients from industry and government agencies through the Center for Interdisciplinary Research and Consulting (CIRC).
- Professional development workshops; GRE prep course; poster presentation; technical report and publication opportunities; field trips to local industry and government labs

**Funding Support:**

- Full financial support includes:
  - Program stipend \$4,000
  - UMBC campus housing and food allowance; Travel allowance
  - Textbooks and GRE course
  - Fees for instruction and research training for certificate in high performance computing
- Students may also participate with partial or no financial support
- Application deadline for full consideration: March 01, 2015 by [online application](#)

**Contact:**

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