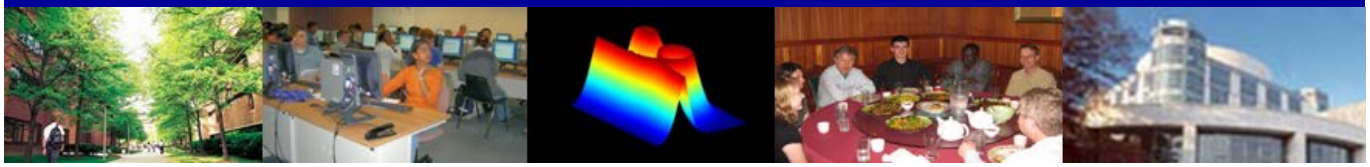
UMBC

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 2017
hpcreu.umbc.edu

Key Elements:

- Eight weeks of instruction and research training from June 19 to August 11, 2017; for detailed schedule see http://hpcreu.umbc.edu
- **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 cluster maya with more than 300 nodes and high performance interconnect in the UMBC High Performance Computing Facility.
- Interdisciplinary projects with clients from industry and government agencies through the Center for Interdisciplinary Research and Consulting
- 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, 2017 by online application

Contact:

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REU Site since 2010
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