Research Experiences for Undergraduates (REU) in Global CyberBridges project(s): $6,000 Stipend for students.

The Global CyberBridges (GCB) project has established a tradition of working with REU students since it began in 2006 either directly through REU supplement support or indirectly through opening a mentoring channel within Florida International University (FIU) or by leveraging other programmatic funding such as the PIRE award. This opportunity provides students with specific research experience on the GCB Project(s) which will result in increased awareness of the GCB Project(s), connections to Research & Education networks and grid computing facilities in U.S., Latin America, and Asia and the Global R&E community, information communication technology, and enhance both the students and GCB Project(s) value to the global research and education networking community.

We have openings for two REU students. One student will be placed in Grid-Computing Support for Financial Engineering (www.cyberbridges.net/gcb09-calit2/FinancialDerivatives.ppt) and the other student will be placed in Performance Evaluation of Large-Scale Scientific Applications on Grid Computing Environments with Parallel Real-time Immersive network Modeling Environment (PRIME) (www.cyberbridges.net/gcb09-calit2/PRIME.ppt).

Who Can Apply?

- Undergraduate Students who are interested in research on CI and Grid Computing.
- Must be a student in Computer Science or Electrical & Computer Engineering with 3.5 GPA in the major and 3.0 GPA overall.
- Financial Derivative Project Requirement – Strong programming skills in C++ and knowledge about Multi-threading.
- PRIME Project Requirement – Strong programming skills in C++ and knowledge about Computer Architecture.

How does an Undergraduate Student apply?

- Students can apply online at www.cyberbridges.net.
- Students are requested to contact the Professor to provide reference before they apply.
- The deadline to apply is September 14th, 2009. Visit www.cyberbridges.net for more information.
- Selection announcements will be posted on the Global CyberBridges website www.cyberbridges.net and selected candidates will be contacted through email.

Length of Project(s)

The students are required to work for two semesters (Fall 2009 & Spring 2010).

Payment

The total payment of $6,000 for each student will be split into 4 stipends. The first payment will be paid when a student starts working on the project(s), the second payment will be paid by end of Fall 2009, the third payment will be paid by February 2010 and the final payment will be paid by end of Spring 2010 upon completion of assigned task(s).