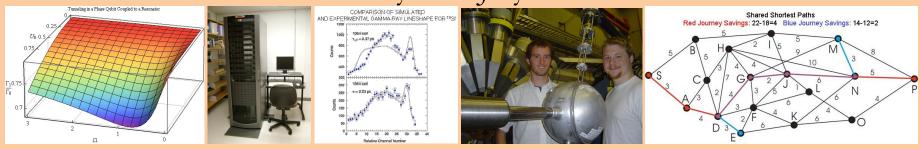
Research Experience for Undergraduates Summer 2011

Ohio Wesleyan University

INTERDISCIPLINARY SCIENTIFIC COMPUTATION

May 16 – July 22



Projects are focused on scientific computation in the following fields: ASTRONOMY, COMPUTER SCIENCE, MATHEMATICS, PHYSICS

- RESEARCH TOPICS: STELLAR SURFACE IMAGING, NUCLEAR STRUCTURE OF PROTON-RICH NUCLEI, STATISTICAL INFERENCE WITH DATA SUBJECTED TO CENSORING, STUDYING THE PARTICLE PROPERTIES OF DARK MATTER, SHARED SHORTEST PATHS IN GRAPHS, QUANTUM BRAID GROUP REPRESENTATIONS, DYNAMICS OF JOSPEHSON JUNCTIONS.
- SUPPORT: \$4400 STIPEND (FOR 10 WEEKS), HOUSING PROVIDED, FOOD ALLOWANCE, TRAVEL FUNDS.
- ELIGIBILITY: APPLICANTS MUST BE U.S. CITIZENS OR PERMANENT RESIDENTS AND MUST BE FULL-TIME UNDERGRADUATE STUDENTS. PREFERENCE WILL BE GIVEN TO STUDENTS WITH LIMITED RESEARCH OPPORTUNITIES AT THEIR HOME INSTITUTIONS AND/OR WHO HAVE NOT HAD A FOCUSED RESEARCH EXPERIENCE. MINORITIES AND WOMEN ARE ESPECIALLY ENCOURAGED TO APPLY.
- REVIEW OF APPLICATIONS WILL BEGIN MARCH 14, 2011 AND WILL CONTINUE UNTIL ALL POSITIONS ARE FILLED.
- For more information, see http://reu.owu.edu or contact: Dr. Brad Trees at brtrees@owu.edu, 740-368-3776.

Ohio Wesleyan University