RESEARCH EXPERIENCES FOR UNDERGRADUATES
Summer 2014
Ohio Wesleyan University
INTERDISCIPLINARY SCIENTIFIC COMPUTATION
MAY 19 - JULY 25

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

• RESEARCH TOPICS: STELLAR SURFACE IMAGING, STUDYING NEUTRON-RICH NUCLEI, STATISTICAL INFERENCE WITH DATA SUBJECTED TO CENSORING, ARTIFICIAL INTELLIGENCE & MODERN BOARD GAMES, QUANTUM BRAID GROUP REPRESENTATIONS, DYNAMICS OF JOSEPHSON JUNCTIONS, AND SIMULATIONS OF EPILEPTIC SEIZURES.

• SUPPORT: $5000 STIPEND (FOR 10 WEEKS), HOUSING PROVIDED AT NO CHARGE, $1000 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 3, 2014 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, 740-368-3779.