

SUMMER RESEARCH JOBS FOR SOPHOMORES MAJORING IN PHYSICS, ASTRONOMY, OR ENGINEERING PHYSICS

We are seeking talented students interested in joining our Research Experiences for Undergraduates (REU) team in theoretical astrophysics and general relativity. The research will focus on forefront problems requiring supercomputer calculations and visualization for solution. Topics of current interest include the inspiral and merger of binaries containing black holes, neutron stars and/or white dwarfs, the generation of gravitational waves detectable by LIGO and LISA, gamma-ray burst sources, and black hole formation by stellar collapse. Students will work collaboratively in a closely supervised team. It is expected that the research will continue into the following academic year and beyond.

Students wishing to learn more about the program are encouraged to come to an

**ORIENTATION MEETING
THURSDAY, MARCH 3, 2011
4:30 PM IN ROOM 251 LOOMIS LAB**

Interested students should submit an application consisting of a statement of interest, a description of any background, skills and/or experiences that might be useful for participation in this program, and a transcript of UIUC courses and grades (please list courses in which you are currently enrolled). Applications should be put in the mailbox of Professor Shapiro on the second floor of Loomis Lab by **5:00 PM, THURSDAY, MARCH 10, 2011.**