NOTICE TO UNDERGRADUATE PHYSICS MAJORS

Missouri Space Grant Consortium Summer 2007 Stipends
And
Academic Year 2007/2008 Internships

As a member of the Missouri Space Grant Consortium (MSGC) funded by NASA, the University of Missouri-St. Louis seeks applications from undergraduate students who are interested in working on research projects in space science. The stipends for the Summer 2007 will be about $4000 per student for those who are able to devote three months of full time effort to a project. For the academic year awards, the maximum stipend will be about $2700 for working an average of 10 hours per week for two semesters. Reduced working hours (and stipends) can be arranged. On-going projects at UM-St. Louis include photometry of active galactic nuclei, testing of a new spectrometer, and analysis of infrared photometric and spectroscopic data of young stars. Each student will be expected to prepare a written report and to give an oral presentation of the project at the Spring 2008 meeting of the Consortium which consists of Washington University, UM-St. Louis, UM-Columbia, UM-Rolla, Missouri State University, and the St. Louis Science Center.

Currently, the Department of Physics and Astronomy at UM-St. Louis has four faculty members involved in astrophysical research: Dr. Flores in astrophysical theory, Dr. Gibb and Dr. Wilking in observational astronomy, and Dr. Fraundorf in electron microscope analysis of meteorites and novel materials for the semiconductor industry. If you are interested in a MSGC internship to work on a theoretical or experimental topic, complete an Internship Application Form which is available in the Department of Physics and Astronomy office and submit it with the items listed below. Indicate on the application form whether you are applying for the Summer stipend, the Academic Year stipend or both. As part of your application, include:

1. Either a college grade transcript or a list of college science and math courses you have had and the grades you received in them, and
2. A short (1 page) description of a project you would like to conduct. You are urged to consult with one of the faculty members listed above before submitting your application.

Send your application materials by April 1, 2007.

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