



College of Arts and Sciences

Department of Physics and Astronomy

1 University Boulevard
St. Louis, Missouri 63121-4499
Telephone: 314-516-5931
Fax: 314-516-6152

NOTICE TO HIGH SCHOOL PHYSICS STUDENTS

MISSOURI SPACE GRANT CONSORTIUM 2009 SUMMER STIPENDS

As a member of the Missouri Space Grant Consortium (MSGC) funded by NASA, the University of Missouri-St. Louis seeks applications from high school students who are interested in working on research projects in astronomy and space-related science. The stipends for the summer will be about \$3400 per student, and each student selected will be expected to devote 2.5 months effort to a project and to prepare a written project report. Each student will be expected to give a short oral presentation on the project at the Spring 2011 meeting of the Consortium that consists of Washington University, UM-St. Louis, UM-Columbia, UM-Kansas City, Missouri S&T, Missouri State University, Lincoln University, and the St. Louis Science Center. In the selection process, preference will be given to students who intend to enroll in the University of Missouri-St. Louis Physics & Astronomy program and/or who have submitted an application for admission to the University of Missouri-St. Louis. Upon enrollment at UM-St. Louis, the student will be eligible for continued academic year and summer stipends from the Missouri Space Grant Consortium. Also, depending upon the student's ACT scores and high school record, she/he may be eligible for support of up to \$7,000 per year through the Curator's Award, Bright Flight Award, and participation in the Honor's College. In addition, the student may be eligible for the \$1500 per year Alumni Scholarship offered by the Department of Physics and Astronomy.

Currently, the Department of Physics and Astronomy at UM-St. Louis has five faculty members involved in applicable research: Dr. Flores in astrophysical theory, Dr. Gibb and Dr. Wilking in observational astronomy, Dr. Fraundorf in experimental astrophysics, and Dr. Majzoub in energy-related materials. Students selected for the summer stipends will work either on continuing observational programs at the UM-St. Louis Observatory, on astronomical data obtained by UM-St. Louis research astronomers at national observatories, on computational projects, or in a materials science laboratory. Information on faculty research projects is available on the department website at:

<http://www.umsl.edu/~physics/pdfs/physres.pdf>

If you are interested in applying for the summer position, complete a copy of the enclosed application form, arrange to have a grade transcript sent, and write a brief statement of your interest in the program (including information on any relevant background you may have). Also, indicate whether you have applied for admission to UM-St. Louis. Finally, arrange to have a letter of reference sent from your science or math teacher. The deadline for receipt of materials is April 1, 2010. Send materials to:

Dr. Bruce Wilking
Department of Physics and Astronomy
University of Missouri-St. Louis
1 University Boulevard
St. Louis, MO 63121
Phone: 314-516-5081



College of Arts and Sciences

Department of Physics and Astronomy

1 University Boulevard
St. Louis, Missouri 63121-4499
Telephone: 314-516-5931
Fax: 314-516-6152

E-mail: bwilking@umsl.edu