Notice to High School Physics Students

Missouri Space Grant Consortium 2007 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 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 2008 meeting of the Consortium that consists of Washington University, UM-St. Louis, UM-Columbia, UM-Rolla, Missouri State 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 $1000 per year Alumni Scholarship offered by the Department of Physics and Astronomy.

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 experimental astrophysics. 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, or in the electron microscopy laboratory. Information on faculty research projects is available on the department website at:

http://www.umsl.edu/~physics.

If you are interested in applying for the summer stipend, 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 astronomy 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, 2007. Send materials to:

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