

# REU in MONTANA

The Solar Physics research group of the Montana State University Department of Physics will offer 10 - 12 REU positions during summer 2009

**Research** - Most projects in this program involve analysis of data from solar space missions such as SOHO, TRACE, RHESSI and Hinode, which are suitable for most math, physics, and astronomy students at the sophomore or junior level. Additionally, a few projects are available in the solar-stellar connection, dynamo theory, solar magnetohydrodynamics, and space hardware.

**Education** – Participants can expect to learn practical strategies and skills in research, including programming, data analysis, instrumentation, theory, and presentation. The program includes lectures on a variety of topics that are relevant to physics, astrophysics, and space weather, presented in the framework of research focused on understanding the Sun.

**Montana State University, Bozeman** - The summer months in Montana offer outstanding opportunities for outdoor recreation and other activities associated with the university and the Bozeman community. Surrounded by spectacular mountains and rivers, Bozeman is within easy driving distance of Yellowstone and Glacier National Parks.

**Practical Details** – The summer 2009 program will run from June 1 - August 7. Stipends will be \$4630 plus a \$330 food allowance for the ten week program. Travel costs to and from Bozeman are covered and university residence hall lodging is provided. For non-US participants, support for travel costs is limited to the economy roundtrip airfare from JFK/New York.

**Eligibility** - Participants must be full-time undergraduates, typically finishing their sophomore or junior years. Applications from underrepresented groups are particularly welcomed. There are no restrictions with regard to citizenship. Foreign participants are supported from non-NSF sources.

**Web Site** – Our REU web site includes participant research reports, lectures, and social activities from past years, as well as on-line application forms: <http://solar.physics.montana.edu/reu>.

