Presentation:

Overview of Student Programs and Opportunities at the National Center for Atmospheric Research (NCAR)

presented by Dr. Richard Loft

UMBC

Presentation

National Center for Atmospheric Research (NCAR)
SIParCS Program, SOARS Program

Presentation:	**Tuesday, October 11, 2011**
Location:	**Public Policy Building (PUP105)**
Time:	**12:00 noon**

Overview

This talk will focus on two internship programs at the National Center for Atmospheric Research (NCAR) located in Boulder, Colorado. NCAR conducts research on atmospheric and related science problems and is recognized for its scientific contributions to our understanding of the earth system, including climate change, meteorology and weather forecasting, Earth-Sun interactions, and the impacts of all of these components on human societies. NCAR offers career opportunities in a wide spectrum of disciplines, including the atmospheric and related sciences, chemistry, mathematics and statistics, and computer science and engineering. NCAR also operates a wide variety of state-of-the-art observational and computational facilities and services, which enable student interns to gain practical hands-on experience using and developing instrumentation and software to study real world problems.

SIParCS The Summer Internships in Parallel Computational Science (SIParCS) Program at the National Center for Atmospheric Research (NCAR) offers graduate and undergraduate students significant hands-on R&D opportunities in computational science (i.e. applied mathematics and statistics, and computer science and engineering) as applied to the simulation of the Earth system. This program embeds students as summer interns in the Computational and Information Systems Laboratory (CISL), an organization within NCAR charged with provisioning and operating NCAR's supercomputing and data systems, as well as conducting research and development in computational science.

SOARS Significant Opportunities in Atmospheric Research and Science (SOARS) is program at NCAR dedicated to broadening participation in the atmospheric and related sciences. It is an undergraduate to graduate program built around a summer research internship, mentoring by top NCAR scientists, in a supportive learning community. SOARS offers year-round support, scholarships and conference travel.

www.cisl.ucar.edu/siparcs
www.soars.ucar.edu

NCAR NSF CISL Computational & Information Systems Laboratory SIParCS research | mentoring | community SOARS

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