Biosphere-Atmosphere Studies in a Changing Global Environment

The University of Michigan Biological Station (UMBS) will host 14 undergraduate students during summers in an interdisciplinary program of biosphere-atmosphere science focused on global change. Participants will conduct hands-on research based at a well-equipped field station in northern Michigan, with an emphasis on either biological or atmospheric science. This 9-week summer program will begin during the second week of June and will continue through mid-August starting in 2005. Students will- (1) Participate in workshops and activities designed to provide the philosophical bases and technical tools needed to conduct scientific research; (2) Work with an experienced mentor as part of an on-going research project; and (3) Design, conduct, analyze, and report on an independent research project. Overall, participants will gain experience in all phases of research, from hypothesis formulation, through data gathering, to analysis, interpretation and communication of research findings. They will be immersed in and interact with a diverse community consisting of 30 or more PhD researchers and faculty and >100 other undergraduate and graduate students from across the US and other countries. UMBS REU students will be selected based on academic achievement, career goals and an interest in obtaining research experience in environmental sciences. Students from minority groups that are underrepresented in sciences are particularly encouraged to apply. Accepted students will receive a stipend of $3,500 in 2005 (more thereafter), free room and board, a budget for research supplies, and funds for travel to and from the site. Further details and updates are available at www.lsa.umich.edu/umbs (click on “Research Experiences For Undergraduates” at the home page). Information is also available from the UMBS office at (734) 763-4461.