Great Lakes and Invasive Species:
Comparative Hands-On Research Experience and Collaboration for Teachers from the 5 Great Lakes
28 JUNE-02 JULY 2010

The Great Lakes WATER Institute of the University of Wisconsin-Milwaukee and the National Science Foundation Division of Ocean Sciences offer career development and experience in Great Lakes Aquatic Sciences through a Centers for Ocean Sciences Education Excellence (COSEE) enhancement program. Two teachers from each Great Lake will accomplish hypothesis-testing research with WATER scientists, apply concepts to standards-oriented classroom activities, and compare perspectives among the very different Great Lakes. Topics and hands-on experience will encompass interdisciplinary views of aquatic sciences (e.g., chemistry, biology, physics, geology, mathematics) with discussion of social and political applications. Middle- and High-school teachers with new or developed interest in aquatic resources are encouraged to apply.

You will be directly involved in cutting-edge investigations of large water bodies using modern equipment and concepts. This program may provide unparalleled insight into future classroom and curriculum possibilities.

APPLICATIONS ARE DUE FRIDAY 04 JUNE, 2010.

The Great Lakes are large enough to manifest ocean-scale physical, chemical, and biological processes. Research programs require the use of substantial vessels and often include Remotely-Operated Vehicle (ROV) or other advanced technologies. Exploitation of freshwater resources is becoming an increasingly relevant issue in politics and environmentalism. Preparation of students for careers and/or informed voting decisions is critical. You will experience current research addressing these topics.

BENEFITS TO TEACHERS:
REAL research on invasive species
ACCESS to science resources
TAKE-HOME activity hardware
GREAT LAKES comparative focus
Travel, housing, and stipend

TO APPLY: Call, click, or FAX to
Drs. Russell Cuhel and Carmen Aguilar, Scientists
Phone: 414-382-1711 (RC) or 1755 (CA)
Web Forms: www.glwi.uwm.edu/aquanauts
email: rcuhel@uwm.edu or aguilar@uwm.edu
FAX: 414-382-1705