

# HOFSTRA UNIVERSITY



**The IDEAS Institute\* of Hofstra University's  
School of Education and Allied Human Services Offers:**

## **Using the Web to Promote Science Learning**

Learning science in today's classroom need not be restricted to text-based curricular resources. Web-based materials encourage students to learn independently. Materials can provide prompts for students to examine evidence (data), compare different viewpoints, analyze and synthesize existing data sets to formulate conclusions, and communicate findings to others across large geographical distances. This workshop introduces participants to Web-based inquiry (WBI) for learning science, Web-based geographical information systems (GIS) and other online interactive mapping features and Web-based scientific data. It also explores digital resource use (scientific visualization, virtual photojournals, animations and video).

**When: Saturday April 30, 2005 from 8:30 a.m. – 5 p.m.**

**Where: Hagedorn Hall, Hofstra University**

**About the Presenter:** Dr. Alec Bodzin is an Assistant Professor of Science Education in the Technology-Based Teacher Education Program in the Department of Education & Human Services at Lehigh University.

He is also a member of the [SERVIT Group](#), Science Education Research in Visual Instructional Technology. His current research interests include the design of Web-based inquiry learning environments; design and implementation of inquiry-based science curriculum; visual instructional technologies; motivation and learning; pre-service teacher education and teacher professional development; the use of telecommunications in science education; and the evaluation Web-based science activities. He is especially interested in using QuickTime Virtual Reality as an instructional tool with students.

**See Registration Form for fees, which include workshop and materials. This workshop may be taken for one graduate credit or eight hours toward in-service credit.**

**Call 516 463-5792 for further information.**

**\*Institute for the Development of Education in the Advanced Sciences**



Registration Form  
**Using the Web to Promote  
Science Learning**  
Saturday April 30, 2005  
8:30 a.m. – 5 p.m.  
Hagedorn Hall

Name \_\_\_\_\_ E-mail \_\_\_\_\_

Home Address: \_\_\_\_\_  
\_\_\_\_\_

Home Telephone Number \_\_\_\_\_

Are you currently a teacher? \_\_\_\_\_ If yes, please complete the following questions:

Grade and subject: \_\_\_\_\_

School, District \_\_\_\_\_

School Telephone Number \_\_\_\_\_

Please check one:

Enclosed is my check for \$95, payable to Hofstra University. District purchase orders will be accepted, or payment can be made via MasterCard or Visa; you must bring your card with you to the workshop to charge the \$95. fee. *Workshop attendees will be given a certificate of attendance which can be used for application to school districts for eight hours toward in-service credit.*

I will register and pay for the 1 credit graduate course related to the workshop (cost of one graduate credit is \$650, plus one-time fees of \$155 for enrollment). Contact Dr. Koch at 516-463-5777 to obtain the course number and a course approval form. Following the workshop, an assignment must be completed in order to receive graduate credit.

Workshop space is limited, so please return the registration form as soon as possible to:

IDEAS  
Dr. Janice Koch  
128 Hagedorn Hall  
119 Hofstra University  
Hempstead, NY 11549-1190

Read about free science lectures for the public and additional upcoming professional development workshops at the IDEAS website: [www.hofstra.edu/IDEAS](http://www.hofstra.edu/IDEAS)  
IDEAS information: 516-463-5792