



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

## Making Sense of **MINERALS, ROCKS AND FOSSILS**

**Saturday, January 9, 2010**

The goal of this workshop is to make sense of the seemingly endless variety of minerals, rocks and fossils by exploring the basic skills and observations geologists use to identify them. Through this exploration, underlying geologic principles will emerge. By learning basic techniques for field and laboratory testing of minerals and rocks (using simple tools and stereomicroscopes), participants explore the underlying principles of rock classification and discuss how the rock cycle is related to plate tectonics. For basic fossil identification, participants examine major groups of common marine fossils and explore how geologists use fossils as a guide to ordering rocks in geologic time.

**8:30 a.m.-5 p.m., Gittleson Hall, South Campus**

**This workshop is appropriate for teachers, grades K -12, and interested members of the public.**

**See Registration form on reverse side for fee information.**

### **About the Presenter:**

**Dr. J Bret Bennington**, Hofstra University associate professor of geology, teaches courses on physical and historical geology, paleontology, sedimentology, hydrology, and geomorphology. He is an experienced field geologist who has published studies of the rocks and fossils from a variety of places and ages across the United States. Dr. Bennington is also a frequent presenter at public lectures and has extensive experience teaching both introductory and advanced courses regarding the fundamentals of geological science.

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

**\*Institute for the Development of Education in the Advanced Sciences**  
[www.hofstra.edu/IDEAS](http://www.hofstra.edu/IDEAS)



**Registration Form**  
**Saturday January 9, 2010**

**Making Sense of**  
**MINERALS,**  
**ROCKS AND**  
**FOSSILS**

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

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

Home Telephone Number \_\_\_\_\_ Cell Phone \_\_\_\_\_

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

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

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

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

Please Select One:

\_\_\_\_\_ **Option I: I am enclosing my check, payable to Hofstra University, in the amount of \$95 for eight (8) hours toward Professional Development Credit.** *To pay by credit card, call (516) 463-5792.* District purchase orders will be accepted.

\_\_\_\_\_ **Option II: I am registering for one hour of Hofstra University graduate credit** (*Geology 280M, CRN 10372; \$900 per semester hour, plus fees if applicable.*) **Current Hofstra matriculated graduate students can register online. All others can call Graduate Admissions at (516) 463-6707. Be sure to mention that you are taking an IDEAS workshop for graduate credit.**

Workshop space is limited, so please mail the registration form and check as soon as possible to:

**Eloise Gmur, Project Coordinator**  
**IDEAS Institute**  
**109 Hagedorn Hall**  
**119 Hofstra University**  
**Hempstead, NY 11549-1190**

**Or fax the form to: 516-463-6196**