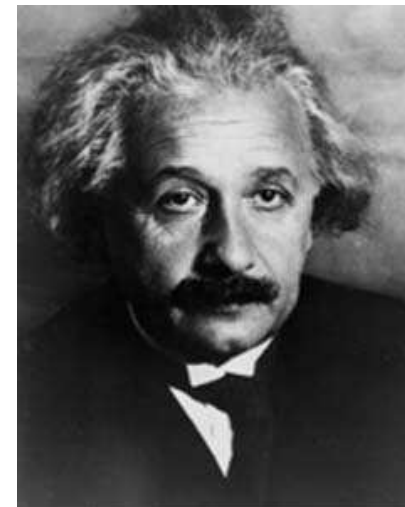


Tufts University
Wright Center for Science
Education and the
Illinois Mathematics &
Science Academy
FREE Workshop
For Physics and Physical Science
Teachers

Relatively Physics



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TUFTS UNIVERSITY
Wright Center for Science Education
4 Colby Street
Medford, MA 02155
Address Correction Required

About the Presenter

Laura Nickerson is a Wright Fellow during this 2005-2006 school year, on leave from the Illinois Mathematics and Science Academy, where she has taught Modern Physics, Calculus-Based Physics, Astronomy, and other courses for the last several years. She is a member of the American Association of Physics Teachers' Committee on Physics in High Schools and is an active Physics Teaching Resource Agent. She has given several workshops on physics and physics teaching throughout the Midwest and is past president of the Chicago Section of the American Association of Physics Teachers.

The Wright Center

The Wright Center for Innovation in Science Education is dedicated to the creation and sharing of novel instructional techniques and interdisciplinary resources for k-12 teachers. Through its fellowships, workshops, seminars, and a variety of public-outreach activities, the Center provides leadership in the training and retraining of science teachers to use innovative methods to stimulate young minds.

www.tufts.edu/as/wright_center

About the Program

Have you always wanted to teach modern physics concepts such as relativity, quantum mechanics, or cosmology but didn't know how to share such topics with your students? Or perhaps you don't feel comfortable enough with the material yourself yet. Attend this two-day workshop to not only gain background knowledge in modern physics but also learn how to get your students excited about such topics. We will especially address the National Science Education Content Standards, with special emphasis on the historical perspective and the nature of scientific knowledge, standards that can sometimes be difficult to address in the classroom. Participants will not only be introduced to classroom-tested and classroom-ready activities in modern physics, but will also be introduced to Java Applets for physics, and will learn how to modify such Applets for their own use.

Activities

Experiences will include background information on relativity and cosmology, hands-on work with Physlets (Java applets for Physics), and several classroom-ready activities. Participants who attend both parts of the workshop will receive materials for their classrooms and a CD of the materials used in the workshop.

Where & When

Participants are requested to attend both meetings in order to receive a certificate of attendance and to receive all materials.

April 5th and May 23rd

9:00 - 4:00 Lunch and continental breakfast provided

Illinois Mathematics and Science Academy

For more information

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(617) 627-5395
laura.nickerson@tufts.edu
www.tufts.edu/as/wright_center

Application

Clip and return by mail or fax, or complete application form on website www.tufts.edu/as/wright_center

Name _____

School _____

School Address _____

Home Address _____

Phone _____

e-mail _____

Subjects/grade you will be teaching next year _____

1. Describe your current educational position (classroom, informal, planetarium, science center, etc.) and your students/audience.

2. Describe how participating in this workshop will benefit both you and your students/audience.

I am available for both the April 5th and June 23rd dates:

_____ yes _____ no

TUFTS UNIVERSITY

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