

Place  
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NATIONAL SCIENCE RESOURCES CENTER  
PROFESSIONAL DEVELOPMENT CENTER  
901 D Street, SW, Suite 704B  
Washington, DC 20024

ATTN: Patrice Payne

National Science Resources Center

THE NATIONAL ACADEMIES  Smithsonian Institution

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PROFESSIONAL DEVELOPMENT CENTER

901 D Street, SW, Suite 704B

Washington, DC 20024

[www.nsrconline.org](http://www.nsrconline.org)

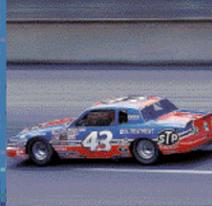
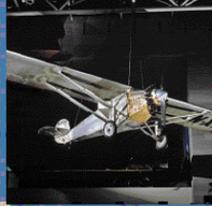


# SMITHSONIAN SCIENCE EDUCATION ACADEMY FOR TEACHERS: ENERGY AND MOTION

NATIONAL SCIENCE RESOURCES CENTER  
PROFESSIONAL DEVELOPMENT CENTER

July 25–29, 2005

Smithsonian Institution  
The National Academies  
Washington, D.C.



*“What is science ...*

*... if not the investigation and exploration of the wonders of our world and our universe? It's also the excitement, the thrill, the sense of marvel that young people experience when they discover something on their own for the first time. The NSRC helps children have those intellectual and emotional experiences in the classroom, and the children are better prepared for life as a result.”*

—David L. Evans, Under Secretary for Science, Smithsonian Institution

The Smithsonian Science Education Academy for Teachers is made possible by a generous grant from the Lucent Technologies Foundation.

**Lucent Technologies**  
Bell Labs Innovations



National Science Resources Center

THE NATIONAL ACADEMIES  Smithsonian Institution

## Energy and Motion

To advance the learning and teaching of physical science, the Professional Development Center of the National Science Resources Center (NSRC) is offering a unique opportunity for science teachers of grades 5 through 8—the first **Smithsonian Science Education Academy for Teachers**. The Academy will be held Monday, July 25, through Friday, July 29, 2005, at the Smithsonian Institution and the National Academies in Washington, D.C.

### AT THE ACADEMY, TEACHERS WILL:

- Earn a Certificate of Participation for professional development hours
- Experience and learn pedagogical approaches that facilitate hands-on, inquiry science teaching
- Develop a broader and deeper understanding of physical science concepts for grades 5 through 8 in the National Science Education Standards
- Improve their understanding of the work of Smithsonian Institution scientists and curators through exciting tours and “behind-the-scenes” experiences at the world’s largest and best-known museum complex and other local venues—experiences that will be available only to participants
- Form rich connections through dialogue and shared experiences with fellow middle school science teachers

The **Smithsonian Science Education Academy for Teachers** experience includes breakfast, lunch, and snacks each day, accommodations at the Washington Plaza Hotel for Sunday through Thursday nights, with a reception on Sunday evening at the hotel and a special Thursday night dinner with a keynote speaker in the historic Smithsonian Castle.

### THE WASHINGTON PLAZA HOTEL ...

... is a first-class hotel located at 10 Thomas Circle, NW, Washington, D.C. The hotel is near many of Washington’s most popular attractions and not far from the McPherson Square Metro (subway) station. Through a special arrangement with the NSRC, the hotel is offering a reduced rate to Academy participants during the week of the Academy as well as for the following weekend, if you choose to extend your stay.

**Bring a family member or friend:** Each room can accommodate one additional person at no extra charge for lodging\*. Include on the registration form the name of the person who will not be attending the Academy, but who will stay in your room. Space is limited.

Please do not contact the hotel directly. For more information on the Washington Plaza, visit <http://www.washingtonplazahotel.com>.

\*Arrangements may be made through the hotel for more than one additional traveling companion. However, only Academy participants are eligible for Academy events, to include meals.



Engage in hands-on activities using state of the art curriculum materials.



Experience specialized sessions at the Smithsonian museums and other facilities.

To register, complete the attached registration form and return it to the address shown on the reverse side of the form. The nonrefundable registration fee of \$1,800 per participant covers the cost of the course and materials, meals as noted previously, and lodging. Participants are responsible for their transportation to and from Washington D.C., and for any additional meals. Local teachers who choose not to stay at the hotel may deduct \$550 from their registration fee. Registrants whose form and payment are received by June 1 are eligible for the early-bird reduced registration fee.

**Space is limited. Don’t be left out! Register now for this one-of-a-kind educational experience.**

Additional details are available on the NSRC Web site, [www.nsrconline.org](http://www.nsrconline.org); follow the links to the Smithsonian Science Education Academy for Teachers. Or contact:

David Marsland, Henry Milne, or Patrice Payne  
National Science Resources Center  
901 D Street, SW, Suite 704B  
Washington, DC 20024  
202-633-2975, Fax: 202-287-2070, [nsrpdcenter@si.edu](mailto:nsrpdcenter@si.edu)

### PARTICIPANT SPONSORSHIP OPPORTUNITIES

Use the sponsor form on the NSRC Web site ([www.nsrconline.org](http://www.nsrconline.org)) as an aid in soliciting contributions from your school district, local businesses, and organizations.

# REGISTRATION FORM

SMITHSONIAN SCIENCE EDUCATION  
ACADEMY FOR TEACHERS

## Energy and Motion

July 25–29, 2005

Smithsonian Institution  
The National Academies  
Washington, D.C.

National Science Resources Center

THE NATIONAL ACADEMIES  Smithsonian Institution

(Please print clearly.)

Name \_\_\_\_\_

School/School District \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

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

All further contact from the NSRC will be through e-mail unless you specify otherwise by circling “Address,” “Phone,” or “Fax,” above.

Please include the following person in my room registration only (space-available basis):

#1 \_\_\_\_\_

Gender:  Male  Female Would you be willing to share a room?:  Yes  No

Do you have special mobility, dietary, or other needs? If so, please identify those needs here:

\_\_\_\_\_

Registration fee \$1,800

Discounts (please check only those that apply):

Early registration -\$100

This discount is available to participants who register by June 1, 2005.

Hotel -\$550

This discount is available to **local** participants who elect not to stay at the Washington Plaza Hotel. The NSRC recommends, however, that participants stay at the hotel in order to derive the most benefit from the Academy.

TOTAL \$ \_\_\_\_\_

Detach this form and send it, along with your check, purchase order, or credit card information to the address on the reverse side. You may also fax this form with credit card information, Attn: PD Center at 202–287–2070. **Please make all checks and purchase orders payable to “National Science Resources Center.” Registration fees are non-refundable.**

Charge my:  VISA  MasterCard  American Express  Discover

Number: \_\_\_\_\_ Exp. Date: \_\_\_\_\_

Name on card: \_\_\_\_\_ Signature: \_\_\_\_\_

The NSRC will accept reservations on a space-available basis. When we receive your registration, we will notify you if space is available.



The Smithsonian Science Education Academy for Teachers is made possible by a generous grant from the Lucent Technologies Foundation.