



## National Academies at NSTA

Many of you will be attending this year's annual meeting of the [National Science Teachers Association](#) (NSTA) in New Orleans and we wanted to highlight the sessions and activities from the National Academies that will be of interest to you. If time allows, we would love to have your participation. Please stop by our Exhibit Booth #1204. All the below reports will be available there and you can register to win an iPod Nano or a Teachers Resource Package.

### Session Schedule

#### Thursday, March 19

8:00 a.m.— 9:00 a.m.

#### **CESI Session: Elementary Science Learning—Research to Practice**

Taking Science to School and Ready Set Science! This session will review and contextualize the research on science learning in K-8.

*Ernest N. Morial Convention Center, Room R07*

Thomas E. Keller, National Academy of Sciences

#### Friday, March 20

11:00 a.m.— 12:00 p.m.

#### **Lab Investigations as a Social Justice Issue: It's as Easy as ABC (Activity Before Concept)**

Most people agree that laboratory experiences are an important component of school science programs. Labs are also an equity issue and should be offered to all science students. The National Academy of Sciences recently published a study entitled "America's Lab Report" critiquing the status of today's labs. The report finds fault with many of the current lab practices and provides direction from quality lab experiences to guide us to better practice.

*Hilton New Orleans Riverside, Versailles Ballroom (2 Poydras Street)*

Arthur Eisenkraft, University of Massachusetts

#### Friday, March 20

12:00 p.m.—2:00 p.m.

#### **Keynote Address: Informal Science Day Session: What We Know About Learning Science in Informal Environments: Conclusions and Recommendations from the National Academies**

This interactive workshop for both informal and formal educators relates to the newly released study on out-of-school learning.

*New Orleans Marriott, Carondelet (555 Canal St.)*

Andrew Shouse, National Academy of Sciences

March 2009

### THE NATIONAL ACADEMIES

*Advisers to the Nation on Science, Engineering, and Medicine*

For detailed information on the NSTA Convention, please search their [online program](#) or visit their homepage at [www.nsta.org](http://www.nsta.org).

## Stop by the National Academies' Exhibit Booth #1204

## Register to win an iPod Nano or a Teachers Resource Package!

Reports of interest from the National Academies

[Learning Science in Informal Environments: People, Places, and Pursuits](#)  
(2009)

[Ready, Set, Science: Putting Research to Work in K-8 Classrooms](#)  
(2007)\*

\*Winner of the Association of Educational Publishers 2008 Distinguished Achievement Award. [More Info](#)

[Taking Science to School: Learning and Teaching Science in Grades K-8](#) (2007)

**Friday, March 20**

3:30 p.m.—4:30 p.m.

**National Academies Teacher Advisory Council**

Come and join a discussion of the National Academies Teacher Advisory Council, the work of the council, and the new initiative to start state Teacher Advisory Councils across the country.

*JW Marriott, Orleans (614 Canal St.)*

Steve Long (Rogers High School: Rogers, AR); Jennifer R. Sinsel (Wichita Collegiate School: Wichita, KS); Dwight D. Sieggreen (Hillside Middle School: Northville, MI)

[America's Lab Report: Investigations in High School Science](#) (2006)

[Bone Detective: The Story of Forensic Anthropologist Diane France](#) (2006)

[Women's Adventures in Science Series](#) (2006)

**Friday, March 20**

4:00 p.m.—6:00 p.m.

**Informal Science Day Session: Informal Science Education Share-a-thon**

Come to the lively Informal Science Share-a-Thon, where informal science educators will showcase their programs, resources, and share ideas with the science education community.

*New Orleans Marriott, Carondelet (555 Canal St.)*

Andrew Shouse,, Mike Feder, National Academy of Sciences

**Friday, March 20**

4:00 p.m.—5:30 p.m.

and

**Saturday, March 21**

8:00 a.m.—9:30 a.m.

**From the Field: Igniting a Passion for Science**

The National Academy of Sciences invites you to meet world-renowned forensic anthropologist Diane France, the Bone Detective. Learn about Diane's fascinating experiences solving mysteries as she leads a forensic-science-based activity you can duplicate in your classroom. Also meet professor April Luehmann and find out how educators are using the stories of Diane and other contemporary women scientists to ignite a passion for science in their classrooms. Discover ways to build community and encourage inquiry using the iWASwondering.org website. And be among the first to find out about ASK IT!—a free, NAS-moderated online resource dedicated to engaging students in science inquiry.

*Ernest N. Morial Convention Center, Room 228 (Both Dates)*

Diane France (Colorado State University: Fort Collins, CO); April Luehmann (University of Rochester: Rochester, NY)

**Friday, March 20**

5:00 p.m.—6:00 p.m.

**A Practitioner Resource for Learning Science in Informal Settings**

This report (Surrounded By Science: Learning Science in Informal Environments) contextualizes the recently released report from the National Academy of Sciences, [Learning Science in Informal Environments: People, Places, and Pursuits](#) and provides strategies for mid-level practitioners and put new insights to good use when designing and developing exhibits, programs, films, Web sites, and events.

*Ernest N. Morial Convention Center, Room 240/241*

Thomas E. Keller, National Academy of Sciences