Why Professional Development?

State and district mandates now require that you demonstrate you are “Highly Qualified” in your content area.
NSTA Conference on Science Education: Enhance and Expand Your Professional Growth

• Open to members and nonmembers

• Latest in science content, teaching strategy, research
Take a Guess!

How many educators attended NSTA’s four Conferences last year?

<table>
<thead>
<tr>
<th>Over 5,000</th>
<th>Over 18,000</th>
<th>Over 25,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over 20,000</td>
<td>Over 12,000</td>
<td>Over 30,000</td>
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</table>
NSTA Conference: Components

- Invited Presentations
- Concurrent Sessions
- Short Courses
- Symposia
- Field Trips and Social Functions
- Exhibition of Science Teaching Materials
<table>
<thead>
<tr>
<th>City</th>
<th>Date</th>
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<tbody>
<tr>
<td>Detroit</td>
<td>Oct. 18-20</td>
</tr>
<tr>
<td>Denver</td>
<td>Nov. 8-10</td>
</tr>
<tr>
<td>Birmingham</td>
<td>Dec. 6-8</td>
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</tbody>
</table>
NSTA Conference: Invited Presentations

• General Session
  – Sally Ride, Detroit
  – Homer Hickam, Denver
  – Kathryn Thornton, Birmingham

• Featured Presentations
  – Renowned experts
  – General interest topics
NSTA Conference: Concurrent Sessions

- Presentations
- Hands-On Workshops
- Exhibitor Workshops

For all of the above:
- 30 or 60 min. sessions
- No ticket required
- Arrive early!
- Hundreds scheduled
| First time attending an NSTA conference | I have attended an NSTA Conference before |
NSTA Conference: Short Courses

- Three to six hrs.
- Ticketed events
- Several scheduled
- Content and strategies
NSTA Conference: Symposia

- Ticketed, half-day, workshops
- Content experts
- Pedagogy experts
- Blended PD
- Continues online
- Educational materials
NSTA Conference: Symposia

@ Detroit:
• NASA: Human Space Flight
• Sally Ride Science: Careers

@ Denver:
• NASA: Parents as Partners
• FDA: Teaching Science with Food
• IPY: Climate Changing System

@ Birmingham:
• IPY: Arctic and Antarctic Living Sys.
• NSTA: Nanoscale Science
Have a positive experience to share from a previous conference?

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<th>3.</th>
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</thead>
</table>
NSTA Conference: Field Trips and Social Functions

- Field Trips
  - Half or full day
  - Ticket required

- Social Functions
  - Ticket required
Field Trips, Social

Short Courses

Symposia

Invited Presentations

Concurrent Sessions

A. Day long
B. Free w/registration
C. Explore host city
D. Sally Ride
E. One hour
F. Blended PD
G. Hundreds
H. 3-6 hrs. long
J. Kathryn Thornton
NSTA Conference: Exhibition of Science Teaching Materials

Main Hall Days/Time

- Thu., 11 AM – 5 PM
- Fri., 9 AM – 5 PM
- Sat., 9 AM – 12 PM
NSTA Conference: Exhibits

• What’s there?
  – Latest textbooks
  – Computer hardware/software
  – Lab equipment
  – Ed. Materials
  – PD opportunities

• Registration badge: required
NSTA Conference: Exhibits

• NSTA Booth: All about NSTA
  – Benefits
  – Products & Services
  – Programs
  – Partner Affiliations
• NSTA Science Store
NSTA Conference: Resources: Before the Conference

NSTA Web Site
- Dates
- Registration
- Sessions
- Travel
- Lodging

http://www.nsta.org/conferences
NSTA Conference: Resources: Before the Conference

Conference Preview

• Hardcopy publication
• Program highlights
• Forms and Info
• Also online!

Question for the Audience

I have used the NSTA Conference Personal Scheduler (CPS)?

- YES
- NO
- I don’t know what is the CPS?
NSTA Conference: Resources: Before the Conference

Conference Personal Scheduler

• Personal calendar
• Planning
• Identify conflicts
• Justify your trip

Login to Launch your CPS
**The Conference Personal Scheduler identifies schedule conflicts**

Leila Mendez, your personal schedule of events is below. To delete an event, click the X located in the top right corner of each event box. You may only have up to two events scheduled at the same time. Any additional events will be listed as errors, above the schedule. To correct an error, you may either delete one of the two scheduled events listed at that time, or the event listed with the errors.

**NSTA Area Conference, Detroit, MI**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event 1</th>
<th>Event 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>8am</td>
<td>Online Mini Lectures with High Educational Density (8:00–8:30 AM, COBO Center, G2-40)</td>
<td>Spectroscopy and Supernovae Remnants (8:00–9:00 AM, COBO Center, G2-35/G6)</td>
</tr>
</tbody>
</table>

[Click here to add more events](#)  |  [Click here for printer friendly version](#)
Now that I know about the Conference Personal Scheduler (CPS) and how it works, I plan to use it and tell others about it.
NSTA Conference: Resources: At the Conference

• Final Program
• First Timers’ Session
• NES Update (*only open to NES teachers*)
NSTA Conference: Resources: At the Conference

NASA Explorer Schools
- About NES
  http://explorerschools.nasa.gov
- NASA Symposia
- Other NASA Sessions
NSTA Conference: Tips

• Use the CPS
• Check the Final Program
• Study the area map
• Sort sessions by location
• Carry a snack/Stay hydrated
• Packing your goodies
NSTA Conference: Tips

What to wear?
NSTA Conference: Tips

What to do/where to go after hours?

- NSTA Social Functions
- Check your Hotel
- Ask your colleagues
- Room Service?

Are you a night owl?
NSTA Conference: After you Return home

- Give NSTA your feedback
- Get your transcript
- Attend Web Seminars
- Participate in listservs
- Present at future conference

http://learningcenter.nsta.org/transcript.aspx
Enjoy the Conference!

Detroit  
Denver  
Birmingham
Thank You

NASA Explorer Schools

http://explorerschools.nasa.gov
Welcome to The NSTA Learning Center

Get the Help, When You Need It

NSTA developed the Learning Center as a professional development website to help address your classroom needs and busy schedule. Using this site, you can gain access to more than 1,200 different resources and opportunities, such as:

- Over 1,000 NSTA Journal articles (230 of them available FREE of charge)—many containing high-quality lesson plans.
- More than 35 FREE Science Objects (one- to two-hour interactive simulation-based learning experiences).
- More than 125 e-chapters from selected books and series (40 chapters FREE of charge).
- FREE weekly live Web Seminars where you can interact with experts from NASA, NOAA, FDA, NSF, and the NSDL Community.
- More than 20 SciGuides (A resource to help teachers integrate the internet into the classroom).

PLUS: NSTA has also developed a suite of practical tools called My Library, My Notepad, and My Transcript. Use these tools to organize, personalize, and document your professional growth within the Learning Center.

Learn More.

http://learningcenter.nsta.org