

This is a 2008 RT listserv message. Remember, if you want to respond to an individual, do not use the "Reply" button. Instead, use the "Forward" button and cut-and-paste the individual's email address in the "To" field.

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2008 RT NEWS 43 – March 20, 2009
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1. DEADLINES

- **Tuesday, Apr 21:** WISE Assignment #7

2. RT PROGRAM NEWS

A. EB PREPARATIONS:

- **NEW! BE PREPARED TO SHARE:** At the Orientation meeting, each RT will be invited to share something about their school year AND an answer to the following question: "What did you use or enhance in your teaching this past year as a result of this fellowship program?" Condense your thoughts to be shared in 2 minutes!

- **NEW! WHAT TO WEAR AT EB...**

1. Comfortable walking shoes!! Good sneakers are fine. Flip flops are not.
2. "Teaching clothes" – chinos, polo shirts, skirts, slacks, jeans only if they are dressy. No short shorts or crop tops or tank tops.
3. Layers...expect cold meeting rooms, warm hallways, hot outside or rain. Bring a jacket and an umbrella.
4. For the PhUn Week Training Session on Sunday morning, wear your PhUn Week t-shirt if you participated last fall!
5. For the Teacher-Student Workshop on Monday, wear the APS Frontiers denim, chambray shirt that you received at last summer's Science Teaching Forum.
6. For the Frontiers Award Luncheon and if you are presenting a poster: Upgrade your look a bit – jacket and/or tie for the guys, twin set and slacks for the ladies, etc. Do NOT wear high heels or uncomfortable shoes. You are standing on bare concrete and it will hurt! For the luncheon, APS Presidents, Council Members, Education Committee Members, and others will be attending in your honor!
7. Sunscreen and shades if you are going sightseeing.

- **What do I need to bring to EB?** See RT News.42 (March 5th) at:

<http://www.the-aps.org/education/2008rts/pdfs/APS%202008%20RT%20News.41.pdf>

- **What else do I need to prepare for now?** Review RT News.38 (February 13th):

<http://www.the-aps.org/education/2008rts/pdfs/APS%202008%20RT%20News.38.pdf>

At-a-Glance EB 2009 Schedule (REQUIRED attendance):

Sat, April 18: RT Orientation Session (3:30pm, snacks) and Opening Reception (5:30-8pm, reception food...good enough for dinner!)

Sun, April 19: PhUn Week Training Session (9am-11am, continental breakfast)

Mon, April 20: Teacher-Student Workshop (8am-4pm, morning beverages, boxed lunches, snacks)

Tue, April 21: Frontiers Awards Luncheon with your Research Host (12-2pm, lunch)

*If you have any **OTHER** questions or concerns related to EB 2009 at this point, please cc email Brooke (bbruthers@the-aps.org) and Mel (mlimson@the-aps.org).*

3. RESOURCES

Special Events...

- An NSTA/NSDL WEBINAR with an APS Member, Wednesday, May 13

Studying the Human Physiological Limits of Exploring Mars

http://learningcenter.nsta.org/products/symposia_seminars/NSDL3/Webseminar8.aspx

Plans are now being formalized for the spacecraft designs that will ultimately take humans to the planet Mars in the next 25 years. Join APS Member Dr. James Pawelczyk, Associate Professor of Physiology & Kinesiology for the College of Health and Human Development at Pennsylvania State University and an established NASA life scientist and former payload specialist astronaut. He will answer the question of whether or not human biology will limit our ability to travel through the solar system. This seminar is for educators of grades 7-10. Register today!

Professional Development...

- Reinventing Professional Development in Tough Times

<http://www.teachermagazine.org/tsb/toc/2009/03/16/index.html>

From Teacher Magazine: The Spring 2009 issue of the Teacher Professional Development Sourcebook explores ways schools and teachers can bring focus and innovation to staff-development programs despite reduced budgets.

4. OPPORTUNITIES

For Teachers ...

- NABT Biology Educator Leadership Scholarship (BELS), Deadline: April 6

<http://www.nabt.org/websites/institution/index.php?p=492>

Applications are now being accepted for the new NABT Biology Educator Leadership Scholarship (BELS). The BELS program was established to encourage and support teachers who want to further their education in the life sciences or life science education. Any NABT member who has less than five years classroom experience and is currently enrolled (or plans on enrolling) in graduate studies at a Masters or Doctoral level is eligible.

- 2009 AAAS Leadership in Science Education Prize, Deadline: April 24

http://www.aaas.org/aboutaaas/awards/hs_scied_leadership/hs_scied_leadership.shtml

Help spread the word about an outstanding science teacher in your school or district. AAAS is now accepting nominations for the 2009 AAAS Leadership in Science Education Prize for High School Teachers. This \$1,000 prize honors a high school science teacher who has contributed to the AAAS goal of advancing science education by developing an innovative and effective strategy, activity, or program. In addition, the winner will be invited to attend and make a brief presentation at the annual Shanghai International Forum on Science Literacy of Pre-college Students as a guest of the Shanghai Association for Science and Technology.

- High School Teachers and Students Invited to Apply for Lemelson-MIT InventTeam Awards
Deadline: April 24: <http://web.mit.edu/invent/> - Created by the Lemelson-Massachusetts Institute of

Technology Program, the InvenTeam initiative gives high school students an opportunity to cultivate their creativity and experience invention. InvenTeams are comprised of high school students, teachers, and mentors who invent technological solutions to real-world problems. InvenTeam students rely on inquiry and hands-on problem solving as they apply lessons from science, technology, engineering, and math to develop invention prototypes. InvenTeam projects span many fields, from assistive devices to environmental technologies and consumer goods. Applicants are encouraged to consider the needs of the world's poorest people (those earning \$2 or less per day) when considering ideas.

- The 21st Century Classroom, Deadline: May 1

<http://cdwg.discoveryeducation.com/1208/> - Think about how The 21st Century Classroom - interactive whiteboard, notebook computers, wireless cart, projector, printer and document camera - could extend your teaching power. Enter once per day for your chance to win one of five Grand Prize packages including a 21st Century Classroom and a \$5000 digital media grant from Discovery Education. Plus, over 25 additional technology prizes!

5. LISTSERV INFORMATION

- We hope you will use the 2008 RT listserv to share resources and ideas and to ask questions of your fellow RTs. Please take a minute to review the information about how this listserv works at the 2008 RT website: <http://www.the-aps.org/education/2008rts/listserv.shtml>. Also listed on this page are your fellow RTs' email addresses, as well as each of these APS RT News in pdf form.

As always, feel free to directly contact Mel (mlimson@the-aps.org) in the APS Education Office with questions, suggestions or concerns.