

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 41 – March 6, 2009
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1. Deadlines
2. RT Program News
3. Resources
4. Opportunities
5. Listserv Info

1. DEADLINES

- **TODAY! Friday, Mar 6:** Email these EB-related details to Scarletta (swhitsett@the-aps.org):

- a. Poster information (also, send your submitted abstract in a Word document).
- b. Frontiers Awards Luncheon RSVP
- c. Guest pass info (see RT News.38 for details)

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

2. RT PROGRAM NEWS

A. EB PREPARATIONS:

- **What do I need to bring to EB?** Essentially, your commitment, enthusiasm, and expertise as Research Teachers! Here's a starter list of things to bring:

- Your **conference registration material** that you will receive by postal mail. Upon arrival in New Orleans, stop by the Convention Center and head to the Registration Area to show your badge and pick up your **FREE** EB '09 shoulder bag!
- Your **travel and lodging logistics** that you have made, of course.
- Your **APS denim shirt** that you received at the Science Teaching Forum back in August (Mentors too!), if you haven't lost it yet! This is to be worn on Monday, April 20th, during an all-day Teacher/Student Workshop with teachers and students from the local New Orleans area.
- You'll need to bring credit or cash for your travel, lodging, and food while you are in New Orleans that will be reimbursed for allowable expenses. Travel Expense vouchers and receipts are due no later than May 4th. Remember that you each have a maximum budget for the trip, and remember to keep all your receipts for reimbursement request. Refer to the EB Travel Memo for allowable expenses (<http://www.the-aps.org/education/2008rts/eb2009.shtml>). To help you plan for your spending budget on food, keep in mind that our required sessions for you will have a nice (free) snack or finger foods if you show up on time (see the condensed schedule below)!

Review RT News.38 (February 13th) for preliminary planning:

<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).*

B. Are you having a SCIENCE FAIR this spring? If so, invite your Research Host to participate as a judge! We have an award packet (one per science fair) for the student with the best physiology-related

project. The award packet includes an APS t-shirt and a certificate. See program details at: <http://www.the-aps.org/education/sciencefair/> or contact Scarletta: swhitsett@the-aps.org.

3. RESOURCES

On the Teaching Profession...

- **Professional learning in the Learning Profession: A Status Report on Teacher Development in the U.S. and Abroad:** <http://hub.mspnet.org/index.cfm/17596> - (from website): "A new report from the National Staff Development Council and the School Redesign Network compares American teachers' participation in professional development with that of teachers in the international community. The report finds that the United States is substantially behind other OECD nations in providing the kinds of powerful professional learning opportunities that are more likely to build their capacity and have significant impacts on student learning."

- **Teachers' Satisfaction on Rise, Survey Finds** (from Education Week)

http://www.edweek.org/ew/articles/2009/02/26/23metlife_h28.html?tmp=92085237

Teachers' views on their profession have become markedly more positive over the past quarter century, concludes a report by MetLife.

For the Classroom...

- **The Neuroscience for Kids "Site of the Month" for March is "On the Brain" at:**

http://www.med.harvard.edu/publications/On_The_Brain/ - "On the Brain" is an online newsletter (PDF files) from the Harvard Mahoney Neuroscience Institute. Each newsletter has short articles about recent brain research and new treatments for neurological disorders.

- **Neuroscience for Kids Drawing Contest – RESULTS**

Judging of the 2009 NEUROSCIENCE FOR KIDS DRAWING CONTEST is finished and winners have been mailed their prizes. A total of 792 students from 29 states and 7 countries sent in drawings. You can see some of the winning drawings at: <http://faculty.washington.edu/chudler/contest89.html>

Special Events...

- **2009 Brain Awareness Week: March 16-22**

You might want to have a neuroscientist visit your class or schedule a brain fair for your school. You can find a neuroscientist for your class at the Society for Neuroscience Web site at: <http://www.sfn.org/baw/>

- **National DNA Day 2009, April 25:** <http://www.ashg.org/education/dnaday2009.shtml>

4th Annual National DNA Day Essay Contest, Deadline: March 16, 2009

2009 Essay Questions: (1) Some traits come in two varieties (for example, Mendel's round and wrinkled peas with the green and yellow colors). Do all traits for all species come in only two varieties? Justify your answer by explaining the relationship between genes and traits.

(2) What is (are) the cause(s) of human health and disease? Explain your answer using one or more specific examples.

4. OPPORTUNITIES

For Teachers ...

- **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.