

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 39 – February 20, 2009
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1. DEADLINES

- **WAY PAST DUE: Monday, Feb 9:** WISE Assignment #6: Revise a "Cookbook" Lab

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

- a. Poster information (also, send your submitted abstract in a Word document).
- b. Frontiers Awards Luncheon RSVP (you'll be receiving the invitation by postal mail)
- c. Guest pass info (see last week's RT News.38 for details)

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

2. RT PROGRAM NEWS

A. WISE Assignment #6: <http://wise.berkeley.edu>. What happened?! Darrell, Jenn D., Mike, Ernie, Chandra, and Jonathon: Please complete your WISE Assignment #6 no later than this Monday, February 23 (this is a second extended deadline!). Remember that there is a fellowship payment associated with timely completion of assignments! WISE #7 is on its way via email real soon.

B. EB Posters: Congratulations to Jenn D. and Jonathon for having their abstracts accepted into the scientific program! Additional congrats for Jonathon for having an opportunity for an oral presentation! Anyone else? **If you were a first author** on a submitted abstract for poster presentation, you should have received notification on the date, block of time, and poster location. Send the details to Scarlettta no later than Monday, March 6: swhitsett@the-aps.org! **If you were not a first author, but part of a lab group on the abstract**, double check with your Research Host and send Scarlettta the same details. **If you did not submit an abstract**, you will all be able to visit and support each other in the poster section (hundreds!) of the Exhibit Hall! We're gathering all the RT presentation times and locations on one list.

C. EB PREPARATIONS: Review last week's RT News.38 for preliminary planning:
<http://www.the-aps.org/education/2008rts/pdfs/APS%202008%20RT%20News.38.pdf>

At-a-Glance Preliminary EB 2009 Schedule:

Sat, April 18: RT Orientation Session (3:30pm, snacks); Opening Reception (5:30-8pm, reception food)

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).*

D. 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 Scarlettta: swhitsett@the-aps.org.

3. RESOURCES

For the Classroom...

- Discovery Education: Lesson Plans Library

<http://school.discoveryeducation.com/lessonplans/>

The Discovery Channel website offers lesson plans for all areas of K-12 education, sorted by elementary, middle, and high school level.

- Blogging biology (from The Scientist)

A high school biology teacher brings Web 2.0 into the classroom

<http://www.missbakersbiologyclass.com/>

High school biology teacher Stacy Baker was sick of waiting by the photocopier to make handouts for her students. So in 2006, she launched a website, missbakersbiologyclass.com, to serve as central repository for class notes, pictures, and extra credit assignments. At first, the site was simply an online extension of her classroom, and information flowed strictly one-way: teacher to pupils. But Baker wanted the site to be more than that; she wanted to engage her students in the full interactive potential of the Internet. So she transformed the site into a participatory blog, and let her students take it over.

Celebrate American Heart Month...

<http://www.americanheart.org/presenter.jhtml?identifier=4441>

Cardiovascular diseases, including stroke, are our nation's No. 1 killer. To urge Americans to join the battle against these diseases, since 1963 Congress has required the president to proclaim February "American Heart Month." (Note this is not "Heart Month" or "National Heart Month.")

Special Events...

- National Engineers Week: February 15-21: <http://www.eweek.org/Home.aspx>

- 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.

- 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/>

4. OPPORTUNITIES

For Students...

Caltech YESS Program, Deadline: February 27: <http://yess.caltech.edu>

The Young Engineering and Science Scholars (YESS) program at Caltech is a three-week summer residential program for exceptional underrepresented high school students and others who feel they would benefit from the program. The YESS program is designed for students who exhibit an interest in science and engineering and wish to engage in collaborative learning. There is no cost for students to attend the YESS program.

For Teachers and Students...

High School Teachers and Students Invited to Apply for Lemelson-MIT InventTeam Awards

Deadline: April 24, 2009: <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.

For Teachers...

- 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.