

\*\*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 17 – August 29, 2008**  
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1. Deadlines
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**1. DEADLINES** *(As always, feel free to submit any of the following earlier than the deadline!)*

**a. Monday, September 8:**

- Full draft of Lesson/Activity emailed to Mel ([mlimson@the-aps.org](mailto:mlimson@the-aps.org)). This draft should incorporate your Mentor's suggestions.
- Mini-Grant Application

**b. Monday, September 15: "Summer of Science" 1-pager**

**c. Monday, September 29: PhUn Week Event Planner** *(optional, but highly encouraged!)*

**2. RT PROGRAM NEWS - Have a restful Labor Day weekend!**

**a. Lesson/Activity Development:** By now you all should have received feedback on your Lesson/Activity from your Mentors. If you haven't, let Mel know immediately! Your next full draft of your Lesson/Activity that incorporates your mentor suggestions is due no later than Monday, September 8<sup>th</sup> to Mel in two files: (1) Teacher Section with a filename: "LASTNAME-TeacherSection" and (2) Student Section with a filename: "LASTNAME-StudentSection." Due no later than September 8.

**b. Mini-Grant Applications:** Start thinking about what kind of material/equipment/supplies you'd like to request on your mini-grant application. Don't forget that your mini-grant will only fund the items that you request upon approval. Any significant changes from the time of application, receipt of check, and purchase of items, must be approved through the APS Education Office (email Mel: [mlimson@the-aps.org](mailto:mlimson@the-aps.org)). Due no later than September 8.

**c. "Summer of Science" 1-pager Assignment:** Due no later than September 15<sup>th</sup> by email to Mail with the file name: "LASTNAME-SummerofScience" - Visit RT News.15 update for details:  
<http://www.the-aps.org/education/2008rts/pdfs/APS%202008%20RT%20News.15.pdf>

**d. Assignment #4/5:** Expect to receive the next Assignment package in the postal mail next week! The assignments on Curriculum Development, Field Testing/Peer Review and will also be posted next week on the web at: <http://www.the-aps.org/education/2008rts/assignment.shtml>  
Assignment #4 (Field Testing/Peer Review Results) is due no later than November 24.  
Assignment #5 (Readings and Reflection) is due no later than December 31.

**e. Physiology Understanding (PhUn) Week 2008:** Consider inviting your Research Host into your classroom during PhUn Week 2008, the first week in November! See program information, resources, and downloadable presentations at: [www.PhUnWeek.org](http://www.PhUnWeek.org). Event Planners, for your first dibs on the freebies, are also due no later than September 29 (optional activity for the fellowship). Help reach the goal of reaching out to at least 4,000 students!

**f. APS will have a presence at the following Professional Development Conferences this fall:**

- Oct. 9-12: SACNAS, Salt Lake City, UT  
Society for Advancement of Chicanos and Native Americans in Science: <http://www.sacnas.org/>
- Oct. 15-18: NABT, Memphis, TN

National Association of Biology Teachers: <http://www.nabt2008.org/>

- **Nov. 5-8: ABRCMS**, Orlando, FL

Annual Biomedical Research Conference for Minority Students: <http://www.abrcms.org/>

***Let Mel know if you are attending any of these opportunities!***

#### **g. Quick links to the 2008 RT Webpages:**

Homepage link: <http://www.the-aps.org/education/2008rts/index.shtml>

Mini-grant application forms: [http://www.the-aps.org/education/2008rts/mini\\_grants.shtml](http://www.the-aps.org/education/2008rts/mini_grants.shtml)

### **3. RESOURCES** (from the NSDL Whiteboard Report, August 2008 Issue #138)

#### **...for the Classroom**

##### **- New Additions to the MicrobeLibrary**

<http://www.microbelibrary.org>

The American Society for Microbiology's MicrobeLibrary continues to grow. Recent additions include a new issue of Focus on Microbiology Education (FOME) newsmagazine featuring over 30 reviews of educational materials including textbooks, websites, and electronic materials; a new article in the Journal of Microbiology & Biology Education that reports on benefits gained by students who participated as undergraduate teaching assistants at the University of Maryland?College Park; and a new curriculum activity on constructing nucleotides.

##### **- Teachers' Domain Pathways to Digital Media for Education Launch New Editions!**

Related Link: <http://www.teachersdomain.org>

Click here to view full article: [http://content.nsdl.org/wbr/Issue.php?issue=current#id\\_04](http://content.nsdl.org/wbr/Issue.php?issue=current#id_04)

Selected STEM media resources from Teachers' Domain collections will be catalogued according to topics and commonly taught courses in Astronomy, Biology, Chemistry, Engineering, Geoscience, Health Science, and Physics.

##### **- Free Webinar: Find Out Why Online Learning is One of the Top Five Tech Trends in Education**

[http://www.tomorrow.org/speakup/learning21Report\\_Update.html](http://www.tomorrow.org/speakup/learning21Report_Update.html)

Will your students and educators benefit from this trend or be left out? Join Net Day Project Tomorrow on Wednesday, Sept 17th for a free webinar where we will share the updated online learning trends from Speak Up 2007 and our report "Learning in the 21st Century: A Trends Update." The webinar will include a presentation by Julie Evans, CEO-Project Tomorrow and include a panel discussion featuring: Janet Herdman, Executive Director-IT, North Kansas City School District, and Ann McMullan, Executive Director Educational Technology, Klein Independent School District.

### **4. OPPORTUNITIES**

##### **- Apply for a TurningPoint® Student Response System for Your Classroom.** Deadline: Sept. 15

<http://www.turningtechnologies.com/k12studentresponsesystem/k12grants.cfm>

Turning Technologies is dedicated to the improvement of K-12 classrooms and the advancement of learning through technology. To this end, we have initiated the Turning Technologies' K-12 Grant Program to provide TurningPoint Student Response technology to 15 classrooms nationwide. The purpose of the K-12 Grant Program is to increase awareness and usage of student response systems in K-12 classrooms. The program provides the opportunity for educators to share and discuss best practices that integrate response technology. All grants are awarded on a competitive basis after completion of the grant proposal form and receipt of letters of support.

##### **- Lowe's Toolbox for Education K-12 Grant Program Opens Fall 2008 Cycle**

<http://www.lowes.com/lowes/lkn?action=frameSet&url=apps.bridgetree.com/funding/default.asp>

Dedicated to supporting parent-teacher groups at schools across the United States. The grant program gives preference for funding requests that have a permanent impact such as facility enhancement (both indoor and outdoor) as well as landscaping/clean-up projects. Projects that encourage parent

involvement and build stronger community spirit are encouraged. Up to \$5,000 per school is available. In order to apply, the requested grant amount must be between \$2,000 and \$5,000. Lowe's will donate \$5 million to schools and school parent teacher groups at more than 1,000 different schools during the school year.

- **2008 Kids in Need Teacher Grants**, Deadline: Sept. 30

<http://www.kidsinneed.net/grants/guidelines.php>

Provides funds for classroom teachers who have innovative, meritorious ideas.

- **Toshiba America Foundation** K-6 Science and Math Education, Deadline: Oct. 1

<http://www.toshiba.com/tafpub/jsp/home/default.jsp>

The mission of Toshiba America Foundation is to promote quality science and mathematics education in U.S. schools. Grants are made for programs and activities that improve teaching and learning in science and mathematics. The foundation focuses its grant making on inquiry-based projects designed by individual teachers, and small teams of teachers, for use in their own classrooms.

- **2009 Best Buy Teach Awards**, Deadline: Oct. 12

<https://bestbuyteach.scholarshipamerica.org/> and

[http://www.bestbuyinc.com/community\\_relations/teach\\_awards.htm](http://www.bestbuyinc.com/community_relations/teach_awards.htm)

Awards the innovative use of technology in K-12 classrooms.

- **NSTA Technology Awards**, Deadline: Nov. 30

<http://www.vernier.com/grants/nsta.html>

The Vernier/NSTA Technology Awards promote the innovative use of data-collection technology using a computer, graphing calculator, or other handheld in the science classroom. Apply for one of seven \$3,000 awards. Each award will consist of \$1,000 in cash for the teacher, \$1,000 in Vernier Products, and up to \$1,000 toward expenses to attend the 2009 NSTA National Convention.

- **Excellence in Teaching Technology**, Deadline: Dec. 1

<http://www.iteaconnect.org/Awards/granthearlihy.htm>

The Foundation for Technology Education in cooperation with Pitsco/Hearlihy & Company proudly announces the \$2,000 Pitsco/Hearlihy/FTE Grant in honor of Tom and Mary Hearlihy. The grant is for a technology teacher at any grade level (K-12). Its purpose is to recognize and encourage the integration of a quality technology education program within the school curriculum. Criteria include: (1) evidence of an effective quality technology education program, (2) documented success in the integration of technology education with other academic subjects, and (3) plans for professional development via the anticipated grant.

## 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](mailto:mlimson@the-aps.org)) in the APS Education Office with questions, suggestions or concerns.**