

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 7 – June 13, 2008
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1. RT PROGRAM NEWS

a. FINAL REMINDER: Book your travel for the Science Teaching Forum!

Thanks to the majority of you already for sending in your flight or driving plans, shirt size requests (we're putting the order in on Monday!), and preferred email confirmations. For everyone else, please send us your travel plans by this Monday, June 16th. Review **APS RT News.05** for additional details:

<http://www.the-aps.org/education/2008rts/pdfs/APS%202008%20RT%20News.05.pdf>

Brooke and Mel are currently out of the office, but email your questions to both of them for any last-minute urgencies...we'll try to reply back to you on Monday morning.

b. TO DO! Thanks to those of you who have forwarded your learning style assessment results. For everyone else, please take the following online survey from Washington University in St. Louis:

<http://cornerstone2.wustl.edu/learningTest.htm>

- Enter your name and email address at the bottom of the form so that you have a record for yourself (when you click submit, the results will be emailed to you).
- Forward your results by email to Mel (mlimson@the-aps.org) no later than June 16th [DO NOT reply to this listserv email address!].
- Finally, please keep your learning style a secret until we discuss this during the Forum...we will be making a game out of it! ;-)

c. ASSIGNMENTS:

WISE #2: Equity and Diversity: Congrats for completing Assignment #2! Your discussions and reflections have been thoughtful. We will be discussing these issues and challenges during the Science Teaching Forum!

WISE #3: Technology and Research: By now you should have received the assignment package. To simply break it down, here are the tasks:

- Assignment #3 Packet
- Research Description 1-pager Assignment
- Thinking about Research Design Assignment

Some of these documents and reading resources are available at:

<http://www.the-aps.org/education/2008rts/assignment.shtml>

d. SUMMER RESEARCH EXPERIENCE: If you've already started working in the lab, write a quick email to Mel (mlimson@the-aps.org) and let him know how things are going for you in your Research Host's lab! **REMINDER:** If your initial research stipends are being disbursed from the APS, after a 3-week period in the lab, please complete, sign with your RH, and email or fax back a **Stipend Payment Voucher Form** to Brooke (bbruthers@the-aps.org or fax: 301.634.7098). Brooke will email you to confirm receipt of your first stipend voucher.

e. MENTORS: We've already met Isabelle and Tonya over these past two weeks. This week, we go to Shreveport and hear from **Robert Manriquez**:

"Greetings from the Bayou!" Once again congratulations on your selection as an RT Fellow. This will prove to be a very rewarding experience. This fellowship provided me with a great amount of developing and learning to an effective teacher.

Being in the research laboratory gave me the insight into how research actually takes place. It taught me that patience and determination are both essential to be successful. Working alongside Dr. Granger and Dr. Wolfort was very rewarding. I enjoyed my experience so much I continued my research last summer (other commitments kept me from returning this summer). If possible I strongly encourage you to present your research at the EB conference next April. I was able to present my research and a paper is currently being reviewed.

Quoting Isabelle, "learn, learn and learn!" Take advantage of your research host's wealth of knowledge. Don't be the shy student and not ask questions. I look forward to meeting and working with you at the Science Teaching Forum at Airlie. Enjoy your time in the laboratory, it will fly by!

-- Robert (2006 *Frontiers RT*)

2008 APS Mentor/Instructors

Tonya Smith, Sumter, SC: Mayewood Middle School

Isabelle Camille, Miami, FL: Coral Reef Senior High School

Robert Manriquez, Shreveport, LA: Stanley High School

Visit: <http://www.the-aps.org/education/2008rts/mentors.shtml>

Watch next week's weekly RT News update for our three Physiologists-In-Residence!

QUICK LINKS

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

Past RT News updates: <http://www.the-aps.org/education/2008rts/listserv.shtml>

Assignments for WISE, the Web-based Inquiry Science Environment: <http://wise.berkeley.edu/>

2. DEADLINES (in addition to your summer research experience)

- **Friday, June 13:** If possible, book your flights by today through Globetrotter or on your own! But remember, you need to check with Brooke first to get authorization for travel...so Monday, 6/16 will still work!

- **Monday, June 16:** Travel Plans for the Forum (fax: 301.634.7098 or email: bbruthers@the-aps.org), shirt size request, confirmation of email address, and learning style assessment results.

- Monday, June 30: Assignment #3, Research Abstract 1-pager, Hypothesis Assignment

- Monday, July 21 - Sunday, July 27: Science Teaching Forum!

3. ALUMNI RT CORNER

After her research experience, Kris Clements (2000 *Frontiers*, 2003 Curriculum Development Fellow, and 2004 Mentor) went on to develop a big research program for high school students. She offered the following advice: *"Use the laboratory experience to learn more about the scientific process not about particular techniques, unless of course you have a school district willing to fund your students' performing those techniques. Incorporate the concepts associated with scientific research into every facet of your teaching."*

4. RESOURCES

...On Science and Life

<http://www.nytimes.com/2008/06/01/opinion/01greene.html>

A recent Op-Ed piece from the New York Times, "Putting a Little Science in Your Life"

...On Learning Styles

- The Learning Styles Community

<http://www.learningstyles.net/>

Provides access to learning-style news, past, current, and future events, articles, resources, announcements, and much more. It's free, easy to use, and content rich.

...On Technology (some good stuff!)

- How Can I Use the Internet in My Classroom?

<http://sciguides.nsta.org/internet/default.aspx>

A great compilation of resources from NSTA's SciGuides...we'll discuss issues like this at the Science Teaching Forum next month!

- eSchool News TechWatch Video: Colleges on YouTube

<http://www.eschoolnews.com/video/>

The Video Resource Center from eSchool News online that helps you "get the big picture on video in education."

- Podcasts: Where's the Learning?

http://www.thejournal.com/articles/20764_1

An article from THE Journal on the use of podcasts in education. Share and/or bring your thoughts on current and emerging technologies as part of Assignment #3 and for the Forum!

- Computer Games: Education Technology's Next Frontier?

<http://www.techlearning.com/story/showArticle.php?articleID=196604469>

An article from techLearning (<http://www.techlearning.com/>). Again, please share your thoughts on the discussion board for Assignment #3 and prepare for a discussion at the Forum!

- Internet Safety for Youth, Parents and Educators

<http://www.eschoolnews.com/news/showStory.cfm?ArticleID=7160>

An article from eSchool News describing ways to prevent inappropriate uses of photos and personal information. Highlights a recent incident of a student athlete from Newport Beach, CA.

- Research for Better Schools: Educational Technology

http://www.rbs.org/resources/national/ed_tech.php

A nonprofit education organization that has been providing services to teachers, administrators, and policymakers. Includes listings of national organizations and readings.

- Teachers' Domain

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

Multimedia resources for the classroom and professional development. Produced by WGBH and supported by the National Science Foundation and the National Science Digital Library. Free registration required.

- The Story of Stuff (highlighted from the National Science Digital Library newsletter)

<http://storyofstuff.org/>

This site has presented over 2 million viewers with a multi-media description of all the "stuff" in our lives created by the industrial-consumer process from its raw material extraction, manufacture, sale, use and disposal, along with how the "cycle of stuff" affects communities at home and abroad even though most of this cycle is hidden. "The Story of Stuff" is a 20-minute, fast-paced, fact-filled look at the underside of our production and consumption patterns that expose the connections between a huge number of environmental and social issues. "The Story of Stuff" calls for creating a more sustainable and just world, and may change the way you look at all the stuff in your life forever.

5. OPPORTUNITIES

...For Teachers

- **Toshiba America Foundation**, Deadline: August 1

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

Grants for programs and activities that improve teaching and learning in K-12 science and mathematics.

- **NSTA Awards**, Deadlines: Mostly October 15

<http://www.nsta.org/about/awards.aspx>

Many other NSTA Awards for Science Educators!

6. 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.

Melvin Limson, Ph.D.

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