



..... turning the page to a bright chapter in the future of our girls.

Fall 2011

To: Women Scientists
From: Kelly Butler, Ph. D., Associate Professor of Chemistry and Physics, Chestnut Hill College,
Karen Wendling, Ph. D., Assistant Professor of Chemistry, Chestnut Hill College, and
Kathy Thrush Shaginaw, Ph. D., Philadelphia American Chemical Society Women Chemists
Committee (ACS WCC), and Northeastern Montgomery County and Makefield Area
Branches of the American Association of University Women (AAUW)
Re: **Philadelphia Area Girls Enjoying Science™ (PAGES™) Volunteers Needed**

You are invited to participate in the Fall 2011 session of the Philadelphia Area Girls Enjoying Science™ (PAGES™) mini-conference for 6th grade girls which Chestnut Hill College will be hosting on Saturday, October 8, 2011. This is the earliest that we have run the event and it conflicts with a Jewish holiday, but this was the only date that was available at the college.

Attached is a sign-up form for you to fill out and return via mail, FAX, or e-mail (preferred). Please return the form by September 26, 2011. **If you do not get a prompt reply to your sign-up, please contact me again** (we all know of the sporadic unreliability of today's communication methods).

Don't forget to check out our web site at <http://www.PAGESprogram.org> .

There is always an informal survey of the girls as they head to lunch, asking them which experiment was their favorite. Girls continue to enjoy a wide variety of experiments. **Almost every experiment was mentioned as her favorite by at least one girl!** We are thrilled that the girls enjoy their day with us and we appreciate everyone's creativity and dedication to the program that makes this possible. Last fall we had a record number of girls attending.

Some of you have favorite experiment that you like to do with the girls. There is no reason why you cannot continue to do this experiment. This year is the **International year of Chemistry (IYC)** (<http://www.chemistry2011.org>). If you are looking for something different, might I suggest doing an experiment with the girls that fits into the theme of **Water: A Chemical Solution**. There are several activities published at <http://www.chemistry2011.org/participate/activities/show?id=92>. Let me know if you are interested in doing some of these experiments because I may have some of the supplies.

I just got back from the American Chemical Society national meeting in Denver, CO. There was a lot of talk about IYC and the ACS "Pennies for PUR™ Water" fundraising initiative (http://portal.acs.org/portal/acs/corg/content?_nfpb=true&_pageLabel=PP_ARTICLEMAIN&node_id=506&content_id=CNBP_026927&use_sec=true&sec_url_var=region1&__uuid=a2e9c56f-dd50-438e-8f99-a1a06d0a6ec2). The ACS is offering demo kits by e-mailing olsa@acs.org. Info on how to do this project with the girls is at: <http://www.safewaterscience.org/Downloads/Lesson4.pdf> There are links on this web page to purchase kits. (A teacher guide is at: <http://www.safewaterscience.org/Downloads/Lesson4.pdf>).

Another resource for experiments on water chemistry is the EPA at <http://water.epa.gov/learn/kids/drinkingwater/index.cfm>.

There are books and other resources available to you to design your experiments. In addition, if there are some supplies that you need, let us know as soon as possible, so that I can try to get them from one of our sponsors.

We are continuing to offer the scientists participating in the program at Chestnut Hill College the opportunity to be paired up with a local 6th grade science teacher. This could help you fine-tune your project with the girls and increase the fun factor for everyone involved. Let me know if you would like to participate in this aspect of the program.

The events may be photographed or video taped. Your agreement to participate in the program confirms your approval to have your image potentially used in publicity for future Philadelphia Area Girls Enjoying Science™ (PAGES™) events.

Please feel free to pass this letter along to any interested colleagues. If you know someone who is unsure of how to conduct experiments with students, invite them to work with you as a team. It is wonderful to get new women involved in this program.

Information about this event and other National Chemistry events can be found at: <http://membership.acs.org/p/philadelphia/about.html>, just click on the National Chemistry Week link or go to <http://www.PAGESprogram.org>.

If you have any questions, feel free to me at (215) 736-9285.

Thank you for your support of this worthy program.

The program is supported by the Philadelphia Section of the American Chemical Society Women Chemists' Committee, the Philadelphia Chapter of the Association for Women in Science (AWIS), and Northeastern Montgomery County and Makefield Area Branches of the American Association of University Women (AAUW). This program is made possible through generous donations from the Philadelphia Section of the American Chemical Society, the National Girls Collaborative Project, the Chemical Heritage Foundation, VWR Scientific, Fisher Scientific, and the employers of the local women scientists.

Philadelphia Area Girls Enjoying Science™ (PAGES™) Scientist Sign-Up Form – October 8, 2011

Mail to:

Kathy Thrush Shaginaw
Particular Solutions, Inc.
P.O. Box 192
Yardley, PA 19067-8192

OR

FAX to:

Kathy Thrush Shaginaw
(215) 736-2308

OR

E-Mail to:

KATT@verizon.net (preferred method)



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Scientist's Name: _____

Address: _____

Telephone Number : _____ FAX: _____

E-Mail: _____

Employer: _____

Please provide emergency contact information (phone number and/or e-mail address), in case there is a last minute need to contact you : _____

- I will participate in the PAGES™ Program on October 8, 2011.
 I am interested in being paired up with a teacher on October 8, 2011.
 I am planning to stay for lunch on October 8, 2011.

My hands-on activity will be:

Please return by September 26, 2011.



You are invited to

The Fall 2011 Philadelphia Area Girls Enjoying Science™ Mini-Conference

Sponsored by Philadelphia Section of the American Chemical Society and its Women Chemists Committee (ACS WCC), the Philadelphia Section of the Association for Women in Science (AWIS), and Northeastern Montgomery County and Makefield Area Branches of the American Association of University Women (AAUW).

- For:** 6th Grade Girls
When: Saturday, October 8, 2011, 9:00 AM - 1:30 PM
Where: Chestnut Hill College
9601 Germantown Avenue
Philadelphia, PA 19118
- Goals:** To increase girls' interest in science and mathematics
To provide students an opportunity to meet women working in non-traditional fields
To foster an awareness of varied career opportunities for women

Schedule:

- | | |
|----------|--|
| 9:00 AM | Registration and Refreshments |
| 9:30 AM | Keynote Address |
| 10:20 AM | Laboratory Session 1 - A small group hands-on activity lead by a Woman Scientist |
| 11:05 AM | Laboratory Session 2 |
| 11:50 AM | Laboratory Session 3 |
| 12:35 PM | Lunch |
| 1:30 PM | Conclusion |



To Register: Contact Dr. Kathy Thrush Shaginaw
Particular Solutions, Inc.
P.O. Box 192
Yardley, PA 19067-8192

Phone: (215) 736-9285
FAX: (215) 736-2308
KATT@Verizon.net

Information about this event is our web site at <http://www.PAGESprogram.org> .

Information about other National Chemistry Week events can be found at:
<http://philadelphia.sites.acs.org> (click on the Activities link).

There is no cost to the students.

A teacher must submit all registrations. **Parents may not register their daughters. Parents may not attend.** Registration deadline is September 28, 2011. Confirmation letters, with maps, will be sent to the nominating teacher about **one week before the event.**

This program is made possible through generous donations from the Philadelphia Section of the American Chemical Society, the National Girls Collaborative Project, The Chemical Heritage Foundation, VWR Scientific, Fisher Scientific and the employers of the women scientists.