



WOMEN CHEMISTS

Fall 2005

To: Women Scientists
From: Grace Banks, Ph. D., Professor of Chemistry and Physics, Chestnut Hill College
Kathy Thrush Shaginaw, Ph. D., Philadelphia American Chemical Society Women Chemists Committee (ACS WCC), and Northeastern Montgomery County American Association of University Women (NEMCO AAUW)
Re: **Expand Your Horizons Volunteers Needed**

Expand Your Horizons is a hands-on science experience for 6th grade girls. The program is continuing to be held in the fall and the spring at Chestnut Hill College and visits to schools are also being planned for this school year.

You are invited to participate in the eighteenth session of the Expand Your Horizons mini-conference for 6th grade girls which Chestnut Hill College will be hosting on Saturday, October 22, 2005 and to visit local schools as part of the EYH Road Show.

Attached is a sign-up form for you to fill out and return via mail, FAX or e-mail. Please return the form by October 7, 2005. 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).

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.

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. If you are looking for something different, 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 Expand Your Horizons 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.

As in the spring, **we will not start the program in the rotunda**, instead, everyone will enter at the double doors near the information desk (at the other end of the building). There will be fewer stairs to climb, but longer distances to walk. I will give more information later about exactly where to show up.

Also, mark your calendars for March 18th for the spring session of Expand Your Horizons. We will be in the rotunda in the spring.

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

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 and Younger Chemists' Committee), the Philadelphia Section of the Association for Women in Science (AWIS), and Northeastern Montgomery County American Association of University Women (NEMCO AAUW). This program is made possible through generous donations from the Philadelphia Section of the American Chemical Society, Cabot Corporation, the Chemical Heritage Foundation, VWR Scientific, Fisher Scientific, and the employers of the local women scientists.

Expand Your Horizons Scientist Sign-Up Form – 10-22-05

Mail to:

Kathy Thrush Shaginaw
Particular Solutions, Inc.
P.O. Box 35
Ft. Washington, PA 19034



OR

FAX to:

Kathy Thrush Shaginaw
(215) 736-2308



OR

E-Mail to:

KThrush@ParticularSolutions.com

Scientist's Name: _____

Address: _____

Telephone Number : _____ FAX: _____

E-Mail: _____

Employer: _____

_____ I will participate in the Expand Your Horizons Program on October 22, 2005.

_____ I am interested in being paired up with a teacher on October 22, 2005.

_____ I am planning to stay for lunch on October 22, 2005.

_____ I would like to visit schools.

I would be willing to visit up to _____ schools.

The best times (days of week and time of day) for me to visit a school are:

I would prefer to visit schools located _____

My hands-on activity will be:

Please return by October 7, 2005.

You are invited to

The Eighteenth Expand Your Horizons Mini-Conference for Girls

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 American Association of University Women (NEMCO AAUW).

- For:** 6th Grade Girls
When: Saturday, October 22, 2005 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
10:15 AM Laboratory Session 1 - A small group hands-on activity lead by a Woman Scientist
11:00 AM Laboratory Session 2
11:45 AM Laboratory Session 3
12:30 PM Lunch
1:15 PM Conclusion

To Register: Contact Dr. Kathy Thrush Shaginaw

Particular Solutions, Inc.

P.O. Box 35

Fort Washington, PA 19034

Phone: (215) 736-9285

FAX: (215) 736-2308

KThrush@ParticularSolutions.com

<http://webpages.ursinus.edu/vTortorelli/ncw/horizon.htm>

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 October 7, 2005. Confirmation letters, with maps, will be sent about **one and a half weeks before the event.**

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