

WORKSHOPS

Each student will attend two workshops. A description of each workshop is given below:

1. Beetle Painting 101

Estimate beetle population size using mark-release-and-recapture techniques.

Margaret McDonald, B.A., M.S., Introductory Biology Labs Instructor, Barnard College

2. Creative Cosmetics

Learn how to design your own lip gloss.

Lori Blanchfield, B.A., Clinical Research Associate, Bidel, Inc.

3. Cruising Through the Carbon Cycle

Follow the path of carbon molecules through the biosphere, hydrosphere, lithosphere and atmosphere to understand the current climate crisis. Create a bracelet of your carbon journey.

Gillian Stewart, Ph.D., Assistant Professor, Earth and Environmental Sciences, Queens College, CUNY

4. Brain Games

See a brain and learn some of the mind boggling things a brain can do from making memories to controlling emotions.

Jenny Libien, M.D., Ph.D., Assistant Professor, Department of Pathology, SUNY Downstate Medical Center, Brooklyn, NY

5. Working for Wildlife (and Wild Places too!)

Design and implement your own Environmental Service-Learning Project. Change the world TODAY!!

Kathryn L. Atkins, M.S., Secondary Instructor, Bronx Zoo

6. Origami + Fun with Math = (Good Times)²

Use geometry and colorful paper to fold wonderful creations to take home.

Karen R. Wellington, M.A., Math Coach, Fordham School of the Arts, District 10, NYC Dept. of Education

7. Your Brain Has a Mind of Its Own!

Explore ways “your brain plays tricks on your mind”. Learn how to make a normal brain get a little drained.

Amanda W. Doll, M.A., Ed.M., Educational Therapist, Westchester and Rockland Counties

8. It's a Sugar...It's a Base...It's DNA!

Discover the structure of DNA and how to isolate DNA from your own cells painlessly.

Agnes Wong, B.S. and Jeanette Sutherland, B.S., M.S. PhD Candidates, New York Medical College

WORKSHOPS (CONTINUED)

9. Probability Play!

Explore the strategy and mathematics of popular games.

Kristin Savage, B.A., Director, Ziff Brothers Investments

10. Tomorrow's Home Care Nurse

Practice being a visiting nurse for a day.

Regina Tancredi, RN, BSN, Clinical Educator, Visiting Nurse Association of Hudson Valley

11. “Spice It Up!”

Explore the world of herbs and spices. Learn the role plants have played in old and modern societies.

Angelica Patterson, B.S., Biological Research Assistant/Program Manager, Biological & Environmental Sciences, Barnard College

12. Food for Thought

Determine the presence of protein in food items.

Learn the biochemistry and importance of proteins in diet.

Julia Chillemi, M.A., Teacher, High School for Environmental Studies, New York, NY

13. Got Music?

Keep track of your Ipod's music by building a simple database.

Aimée Tañón, B.S., President, Tañón Consulting LLC, Adjunct Professor, Fashion Institute of Technology, NY

14. Puzzle Logic!

Use logic to work your way through number puzzles.

Rehana Patel, Ph.D., Preceptor, Harvard University

15. Taste With Your Nose!

Discover the art and science of food tasting.

Avishan Amanat, M.S., Director, JRA's The Institute for Sensory Research, White Plains, NY

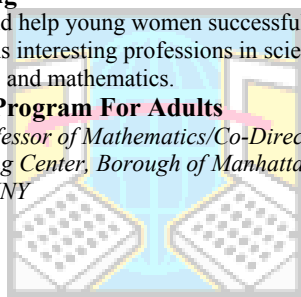
WORKSHOPS FOR ADULTS

1. Town Hall Meeting

Hear how to motivate and help young women successfully navigate the road towards interesting professions in science, technology, engineering, and mathematics.

2. Hands-On Math Program For Adults

Nkechi Agwu, PhD, Professor of Mathematics/Co-Director of The Teaching Learning Center, Borough of Manhattan Community College, CUNY



REGISTRATION FORM

Explore Your Opportunities – The Sky's The Limit! Conference

Saturday, March 14, 2009, Barnard College

Please print clearly. Complete the form listing only those who will be attending the conference. Mail the form with a check or money order for \$10 per attendee, adults and students, payable to AAUW-EYO, to Barbara Sarver, 34 Scenic Circle, Croton, NY 10520. Cost includes registration, refreshments, a pizza lunch and campus tour after conference. Checks and registration forms must be received by February 15.

Name _____ Student Parent Educator
Last First

Name _____ Student Parent Educator
Last First

Mailing Address _____

City _____ State _____ Zip _____

E-mail (required) _____

Telephone _____

School & School District _____

Special needs _____

Yes No I will attend the post-conference tour of Barnard College.

Students attending this conference must be mature enough to follow instructions and directions provided by signs and guides on campus. Students must attend all events scheduled for them and remain on campus from 8:30 AM until the conference ends at 2:00 PM. If they are attending the campus tour, they must remain with the group until the end of the tour.

Pictures and video of conference attendees may be taken and may be used on our website or in publications. By registering for the conference, you have given us permission to use your/your child's image and to be contacted for a follow-up study.

I grant permission for my child to attend the EYO Conference at Barnard College and, should it be necessary, to receive emergency medical care while there.

Parent/Guardian Name (please print) _____

Parent/Guardian Signature _____

STUDENT WORKSHOP CHOICES

You will be assigned 2 workshops. Write the number of your first 4 choices.

_____ 1st _____ 2nd _____ 3rd _____ 4th

If your choices are full, we will place you in other workshops. We think they are all terrific and you may discover some great careers you had not considered before.