



# ALI "QUOTES"

Volume 13, Issue 5

THE NEWSLETTER OF THE PRINCETON ACS

Sept/Oct 2003


## Chairman's Corner

**Fiona Case**  
Colgate-Palmolive

The chairman's remarks will be brief this month. I'd like to leave plenty of room for our 2003 Member Survey. It is sufficient to report that our summer meetings have been a great success, to thank our speakers, and to remind you of the great events we have planned for the next two months. In July, Nelly Aranibar of Bristol-Myers Squibb gave an excellent talk describing her work at the forefront of the exciting field of cheminformatics. As AliQuotes goes to press we are anticipating the presentation by James De Noble, NJ Department of Environmental Protection, on the major issues concerning environmental mercury and its role as a unique persistent bioaccumulative toxin. Next month's meeting is going to be a little different. We would like to invite you to bring your school age children to see Anita Brandolini's presentation on "The Elementary: A Periodic Primer". Anita is a gifted teacher, children's author and a professor at William Patterson University. Brian Sogorka's presentation at our October meeting continues our environmental chemistry theme with a discussion of the NJ DEP hazardous waste site innovative technology program. The last week of October is National Chemistry Week. This is the occasion of our largest outreach event of the year. We expect more than 100 attendees, children and their parents, at our open house. We invite you to participate! (details later in this issue).

Please fill out the survey, and return it by the October 10<sup>th</sup>.

Best wishes

Fiona Case  
fhcase@hotmail.com 

## September Meeting

**Speaker:** Anita Brandolini  
William Patterson University  
Wayne, NJ

**Topic:** "The Elementary: A Periodic Primer"

**Date:** Wednesday, September 17, 2003  
Lecture at 6 PM  
Room 324, Frick Laboratory  
Princeton University

Dinner immediately after meeting  
Prospect House  
Princeton University

**Abstract:** Every chemist knows that you find the chemical elements in some of the most surprising places. But did you realize that a popular soft drink once contained lithium, that Boron is also a town in California, and that neodymium can prove that your money is magnetic? Through rhymes, photographs, anecdotes, and demonstrations, you will discover interesting new facts about the elements.

This talk is based on Brandolini's recently published children's book, *Fizz, Bubble, and Flash: Element Explorations and Atom Adventures* (Williamson Books, 2003). It is aimed at a general audience, so families are welcome!



## **October Meeting**

**Speaker:** Brian Sogorka  
NJDEP

**Topic:** "The NJDEP Hazardous Waste  
Site Innovative Technology  
Program"

**Date:** **Wednesday, October 15, 2003**  
Lecture at 6 PM  
Room 324, Frick Laboratory  
Princeton University

Dinner immediately after meeting  
Prospect House  
Princeton University

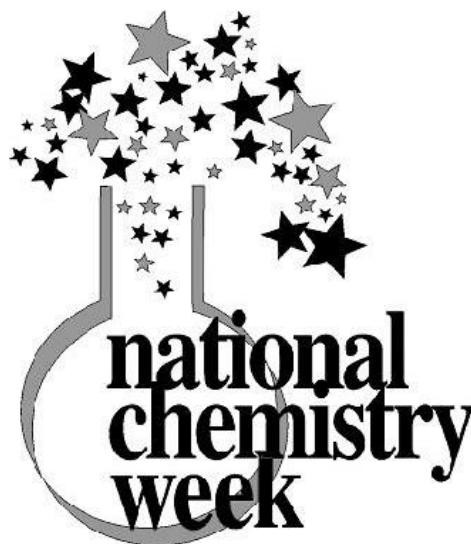
**Abstract:** The New Jersey Department of Environmental Protection (NJDEP) participates in several programs that provide assistance in the permitting, commercialization and market development of environmental technology, and this presentation will provide a summary of each of the following programs:

The Interstate Technology and Regulatory Council (ITRC) has 40 member states, and facilitates interstate technology deployment through the development of technology guidance and training programs. The Department is an active participant in the ITRC, and provides leadership for several technical teams.

The New Jersey Corporation for Advanced Technology (NJCAT) verifies new technologies, and provides market entry services. NJCAT verification is linked to Department certification as set forth in the New Jersey Environmental and Energy Technology Verification Act.

The New Jersey Environmental Technology Initiative, which is a cooperative effort with the NJDEP and the US Army's RangeSafe Technology Demonstration Initiative at Picatinny Arsenal, develops and demonstrates new environmental technology solutions to environmental challenges at Department of Defense sites.

The Innovative Environmental Technology Grant Program provides grants of up to \$100,000 to qualifying persons who use an innovative technology to perform a remedial action. Grants are also available for the use of any technology that is used for a permanent remedial action. ■



## **National Chemistry Week 2003**

Kitty Wagner

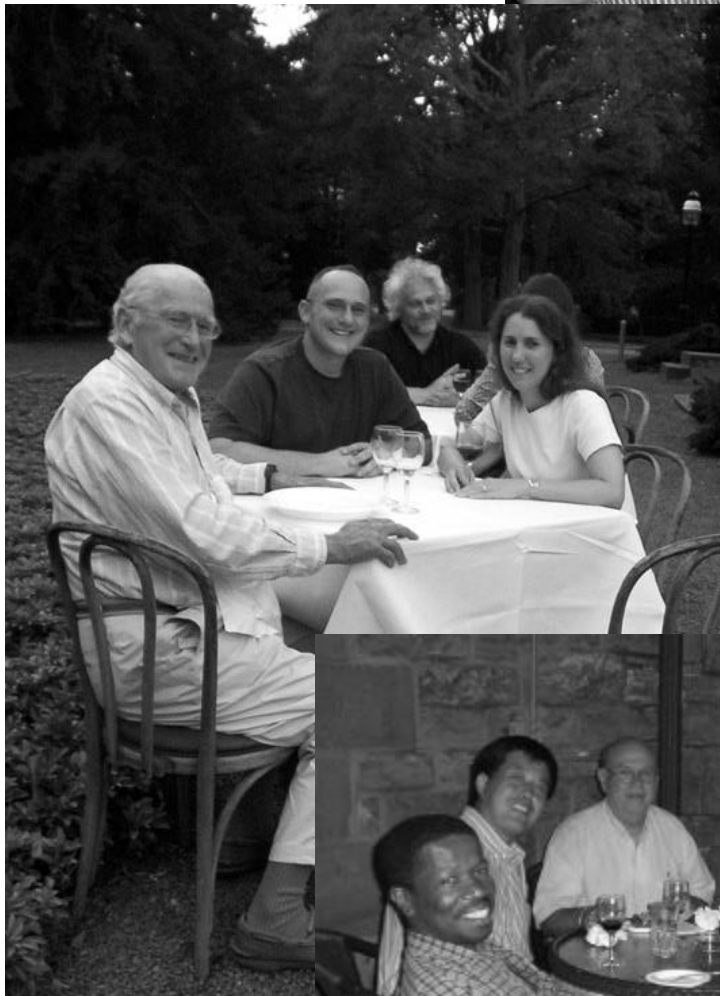
Mark your calendars for National Chemistry Week, October 19-25, 2003. This year's theme is "Earth's Atmosphere and Beyond." The Princeton Local Section will hold an open house, with hands-on activities for children and their parents, on Friday, October 24. If you are interested in helping, or if you have any suggestions for activities related to the topic, please contact Kathryn Wagner, [kmwagner@princeton.edu](mailto:kmwagner@princeton.edu), (609) 258-2937.

## **Dinner Reservations**

Princeton ACS Lectures are free and open to the public. Reservations are necessary to attend dinner, but not necessary for the lecture. For dinner reservations, please contact Denise D'Auria at (609) 258-5202, [denised@princeton.edu](mailto:denised@princeton.edu). Dinner reservations must be made by September 10th for the September meeting and October 8th for the October meeting. Please call to cancel your reservations if you cannot attend. NO-SHOWS WILL BE BILLED FOR THE COST OF THEIR DINNER. ■



Members of the Princeton Local Section enjoy barbecue and conversation during the summer seminar series.



## 226<sup>TH</sup> ACS NATIONAL MEETING

The 226<sup>th</sup> ACS National Meeting, will be held in New York City September 7–11, 2003.

"How to Talk to the Public About What You Do" is the title of two communications clinics that will be held for chemists at the American Chemical Society's September national meeting in New York. Featuring award-winning science journalist Curt Suplee, the clinics will offer tips and techniques to more effectively communicate chemistry to general audiences. For more information and registration details see:

[http://www.chemistry.org/portal/resources/ACS/ACSCContent/committees/cprc/comm\\_clinic.pdf](http://www.chemistry.org/portal/resources/ACS/ACSCContent/committees/cprc/comm_clinic.pdf)

### ENHANCE YOUR CAREER AT THE CAREER RESOURCE CENTER

The Career Resource Center (CRC) houses a wealth of professional development programs and services to enhance your career potential, including a library, resume reviews, mock interview sessions, and a variety of professional development programs. The CRC will be located at the Javits Convention Center and will be open Sunday from 10 AM to 7 PM, and Monday through Wednesday, from 8 AM to 5 PM. These programs and services are open to ACS members and national and student affiliates.

*Workshop times and/or locations are subject to change. Please consult the web version ([http://chemistry.org/careers/new\\_york2003](http://chemistry.org/careers/new_york2003)) for the final schedule.*

## 2003 OFFICERS / COMMITTEE CHAIRS

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# 2003 ACS Member Survey, Princeton Local Section

Please return this survey by October 10th, 2003

As your local section, we want to serve you and provide activities that you will find useful and interesting. The only way for this to happen is for us to hear from you about what you want. Please take a few minutes to fill out this survey. We will use the results to plan the programs that you want to see.

Name: \_\_\_\_\_

Home Address: \_\_\_\_\_ Work Address: \_\_\_\_\_

Phone: (h) \_\_\_\_\_ (w) \_\_\_\_\_

E-mail \_\_\_\_\_

## Monthly Meetings

1. When was the last time you attended a Princeton local section meeting?

? 2003    ? 2002    ? 2001    ? Pre -2001

2. When was the last time you attended one of the dinners that follow the meetings?

? 2003    ? 2002    ? 2001    ? Pre -2001

3. Indicate which times you prefer for a meeting. (Check all that apply)

? Tuesday evening.    ? Wednesday evening.    ? Thursday evening

4. Check SIX of the topics that you would like to see featured at a meeting:

<input type="checkbox"/> Agricultural Chemistry	<input type="checkbox"/> Chemistry and the Law	<input type="checkbox"/> History of Chemistry
<input type="checkbox"/> Analytical Chemistry	<input type="checkbox"/> Computers	<input type="checkbox"/> Inorganic Chemistry
<input type="checkbox"/> Astrochemistry	<input type="checkbox"/> Drugs Medical/Pharmaceutical	<input type="checkbox"/> Lunar Chemistry
<input type="checkbox"/> Biochemistry	<input type="checkbox"/> Energy	<input type="checkbox"/> Nuclear Chemistry
<input type="checkbox"/> Biotechnology	<input type="checkbox"/> Engineering	<input type="checkbox"/> Organic Chemistry
<input type="checkbox"/> Chemical Education	<input type="checkbox"/> Environmental Chemistry	<input type="checkbox"/> Physical chemistry
<input type="checkbox"/> Chemical Literature	<input type="checkbox"/> Forensic Science	<input type="checkbox"/> Polymer Chemistry
<input type="checkbox"/> Chemical Safety	<input type="checkbox"/> Geochemistry	<input type="checkbox"/> Surface Chemistry
<input type="checkbox"/> Other, please suggest a topic		

\_\_\_\_\_

\_\_\_\_\_

5. This year we organized a field trip to the Princeton Plasma Physics Lab. The event was a success and we plan to include some off site meetings next year. Which of these would you be interested in?

☐ The Chemical Heritage Foundation, Philadelphia (<http://www.chemheritage.org/>)

☐ Oyster Creek nuclear power plant tour

☐ Sterling Hill Mining Museum (<http://www.sterlinghill.org/>) – Saturday event

☐ Site visits to local Companies (would you be willing to approach your company to arrange a visit?)

☐ Other, please suggest a location for a field trip

\_\_\_\_\_

\_\_\_\_\_

6. Currently we follow most meetings with a formal three course dinner, including wine, at Prospect House. Even with a significant subsidy this costs attendees \$25 (\$15 for students/retirees). We may have to increase the cost of these dinners next year, and would like to consider alternatives for at least some of our events. Please indicate if you would be likely to join us for:

☐ Dinner with wine at Prospect House at \$30 per person (\$15 for students and retirees)  
☐ Buffet style at another location on campus, including wine (\$20 per person, \$10 for students and retirees)  
☐ Dinner at Thai Village (\$15 per person, \$10 for students and retirees, including wine or beer)  
☐ Dinner at Kalluri Corner (Indian) (\$15 per person, \$10 for students and retirees, including wine or beer)  
☐ I am not able to stay for dinner after the meetings  
☐ I recommend the following dinner location(s):

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7. What would make you more likely to attend a meeting of the Princeton Local Section? (Check up to three.)

☐ If I had more time.  
☐ If there was more time to network/socialize.  
☐ If the meetings were located more conveniently  
☐ If the meetings started at a different time (currently 6:00pm).  
☐ If the content/topics were more germane.  
☐ Nothing could make me more active.  
☐ Other, please specify.

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8. We would like to identify members who would be willing to place posters advertising our monthly meetings at their workplace (all meetings are open to the public). Would you be willing to do this?

☐ Yes ☐ No

### Keeping in Touch

9. Are you on our email list?

☐ Yes ☐ No ☐ Please send me details on how to join the list

10. Do you receive "AliQuotes" (the Princeton Local Section Newsletter, published bi-monthly)?

☐ Paper copy ☐ Via email ☐ I don't receive AliQuotes

Do you have any comments or suggestions for Danielle Crammer, AliQuotes Editor:

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11. When did you last visit our web site ([www.princeton.edu/~pacs](http://www.princeton.edu/~pacs))?

☐ This week ☐ Within the last month ☐ Within the last year ☐ I have never visited the site

Do you have any comments or suggestions for Jonathan Chun, Webmaster:

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## Volunteering

12. In addition to meetings, the Princeton Local Section has several teams that plan and implement outreach programs. Check any that might be of interest to you and we will contact you with further information.

- ☐ National Chemistry Week (evening event in October)
- ☐ Super Science Weekend (in February)
- ☐ Earth Day Events (in March)
- ☐ Schools outreach team (occasional weekdays)
- ☐ Cheminagination (annual poster contest for High School Students)

13. These are areas in which we would like to start programs – would you be interested?

- ☐ Local Legislative Action Network representative ([www.chemistry.org/government/action](http://www.chemistry.org/government/action))
- ☐ Project Seed representative
- ☐ Women Chemists committee
- ☐ Graduate Student committee

14. The local section relies on volunteers to keep the section active. In an effort to identify the skills, talents, experience and interests of our members please respond to each of the following.

- |  |            |
|--|------------|
| a) Have you ever served as a leader in another organization (e.g. Scouting organization, charitable organization, religious organization)? | ? Yes ? No |
| b) Have you ever worked on a Congressional or Senatorial campaign?   | ? Yes ? No |
| c) Have you ever worked with the media?  | ? Yes ? No |
| d) Do you speak any languages other than English?  | ? Yes ? No |

Which languages \_\_\_\_\_

e) Do you have any special interests or skills in any of these areas:

- |                              |            |
|------------------------------|------------|
| Computer database management | ? Yes ? No |
| Computer graphics            | ? Yes ? No |
| Website development          | ? Yes ? No |
| Photography                  | ? Yes ? No |
| Meeting planning             | ? Yes ? No |
| Financial management         | ? Yes ? No |
| Long-range planning          | ? Yes ? No |

15. Would you consider serving on the Princeton Local Section Executive Committee next year, or at a future time? Committee positions are listed at the web site.

? Yes ? No

16. Please offer any additional comments in the space below.

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Please return this survey by October 10th, 2003

- By post to: István Pelczer, Princeton University, Department of Chemistry, Frick Laboratory Princeton, NJ 08544-1009
- By fax to: István Pelczer, 609-258-6746
- Electronically at [www.princeton.edu/~pacs](http://www.princeton.edu/~pacs)

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