



October Dinner Meeting

Working in the Tropics on Food Problems

Dr. Peter Reilly
Wednesday, October 22nd, 2003

Dinner (Cost: \$18.00) **Elia's - 115 N US933/SR31 (north of the I80/90 on ramp)**
Menu: **Appetizer:** Spinach Pie **Main Dish:** Shish Tawouk or Falafel (Vegetarian Dish)
 Desert: Baklava **Alcohol:** Cash Bar
Social Time: 5:30 p.m.
Dinner: 6:00 p.m.
Seminar: 7:00 p.m.

Abstract:

All of us in the temperate world use the agricultural products the tropical world sends us, but we think little of the processes that these products undergo before they reach us. This is perhaps a bit strange, as in most tropical countries the chief form of chemical processing is that conducted on agricultural materials, and these include such everyday items as coffee, tea, bananas, coconuts, sugar, and palm oil. Scientists knowledgeable in these areas can play a significant advising role in many third-world environments. What is required in addition to knowledge of the subject matter is patience, cheerfulness, and ability to communicate with others at their level (sometimes in the local language—Spanish and French are the most useful). Events do not usually move at the pace those of us chained to a clock expect, but things get done anyway, often better than we would do them. The payoff is the satisfaction gained from being able to function successfully in environments and cultures often very different from our own. This talk expands into a discussion of why research and manufacturing are conducted so differently in developing countries than they are here; it involves a surplus of people and a lack of equipment and supplies. Examples are drawn from Honduras, Ghana, Kenya, Zambia, Sri Lanka, and Fiji, although any other six of fifty countries would have sufficed.

Biography:

Peter J. Reilly, a New Jersey native, received an A.B. in chemistry in 1960 from Princeton University and a Ph.D. in chemical engineering in 1964 from the University of Pennsylvania. He spent four years with Du Pont's Organic Chemicals Department in Deepwater, New Jersey, six years at the University of Nebraska-Lincoln, and since 1974 has been at Iowa State University, where he is Anson Marston Distinguished Professor in Engineering and Professor of Chemical Engineering. During the 1983–84 and 1992–93 academic years he was Invited Professor at the Swiss Federal Institute of Technology in Lausanne. Dr. Reilly's research interests are in enzyme and carbohydrate technology and use of agricultural products, specifically in the enzymatic hydrolysis of starch and cellulose, in computational structure-function studies, and in sugar and lipid chromatography. He coordinates Iowa State University's exchange programs with the University of Lausanne and the Swiss Federal Institute of Technology in Lausanne. He has been in almost as many countries as his age, but he's getting older faster and the number of countries easy to visit is getting smaller.

RSVP: Doug McMillin by 4 pm, Tuesday Oct 21st via email (dmcmlille@iusb.edu) preferably. Or leave a voice mail message 574-237-4222.

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Minutes from the August Executive Meeting

St. Joseph Valley Section of the ACS,
Executive Committee Meeting
Bendix Woods County Park
August 9, 2003 12 Noon

Present: Doug McMillen, Chris Dunlap, Andy Edelbrock, Pat Boettcher, Rachele Yung

Treasurer's Report: The check book balance is \$8769.10.
Pat asked for approval of our Councillor's travel expenses for the Fall meeting.
This was approved.

Secretary: The minutes from the May 14th meeting minutes were approved.

Filter Paper: The next deadline will be as needed for the next meeting.

Next Executive Committee Meeting: Scheduled by email

Announcements:

Karen Morris sent a thank you note for our contribution to the "Expand Your Horizons" program.

We received comments on our 2002 Final Section report. The report was accepted. The only negative comments were about the web page being out of date.

Webpage Update: The Local section webpage has been moved to the ACS membership server. Its can now be found at
<http://membership.acs.org/s/sjv>
The new webmaster is Chris Dunlap. It will be updated regularly.

Business:

We currently have an ACS tour speaker scheduled for October. The dates will be forthcoming. Dennis Jacobs of Notre Dame was tentatively scheduled to speak in September. Deb McCarthy is handling the arrangements.

The plant trip scheduled to the mint factory was postponed at the request of our contact there. We will reschedule the trip in the spring.

Nominations: We currently have nominations for secretary (Chris Dunlap), treasurer (Pat Boettcher) and Member-at-large (Rachele Yung). We are currently looking for a nominee for Chair elect. Any other nominations should be directed to Bill Feighery.

National Chemistry Week: Doug McMillen and Doug Pearman will coordinate the NCW events this year. Rachele Yung volunteered to run the Plymouth events. More information will be forthcoming.

The meeting adjourned at 12:30 PM.

Respectfully submitted,
Chris Dunlap



ACS National Fall Meeting - Councilor's Report

In terms of Council business, this meeting was very uneventful. There were no major items upon which to vote, and council meeting consisted of the usual reports from officers and committee chairs. The following list constitutes items in which I thought some of you might be interested.

1. The major personnel issues facing the Society in the coming months is the retirement of Nina McClelland as Chairman of the Board, and of John Crum as the Executive Director of the Society. The Board Chair is an elected position from within the members of the Board. A search is underway for the Executive Director replacement. John's shoes will be hard to fill. He has held the position for 20 years, and has been in the ACS organization for 40. It will be hard to find someone who knows the Society as well as he.
2. Financially, the Society ended 2002 with a net deficit of \$789,000. This was, however, better than projected ("favorable to the approved budget".)
3. The Committee on Education (SOCED) reported that the Society is exploring developing a process that would allow high school teachers to obtain professional development credits from their local school districts by attending programming at ACS national and regional meetings. While this outreach is intended to attract high school teachers to meetings, several pointed out that without changes in timing, and travel, hotel, and registration expenses the outreach would probably have little affect.
4. The chair of the Committee on Science (Marge Cavanaugh, formally from our section) reported on two major thrusts in programming for the 2004 national meetings: Nanotechnology in Anaheim in the spring, and Graduate Education in Philadelphia in the fall. These are topics being highlighted by the incoming chair, Charles Casey. Watch your programs for clever titles.
5. The Council voted to approve the change of the Coastal Empire Section to the Coastal Georgia Section.
6. Attendance at the meeting was 14,030 at a particularly difficult time. The meeting occurred in early September which prevented many academic people from attending as classes had already started. And it was in the week preceding the second anniversary of September 11, actually ending on that day.
7. Registration for next year's national meetings will rise to \$285. However, in move to attract participation from the local community, people will no longer have to register for the meeting to attend Presidential events.
8. Current Society membership stands at 156,274.
9. A petition was approved to charter a new international Chemical Sciences chapter in Hungary.

While the Council agenda was not too exciting, we did celebrate the 35th anniversary of Project SEED. As many of you know, I serve on the committee that develops policy and administers that ACS program. The program enables disadvantaged high school students to participate in a summer research program. For many that is the turning point in their lives as they realize that they enjoy science and/or they are capable of going to college. In a symposium at our celebration we heard from a number of former Project SEED students who are now active in various professional careers: a patent lawyer, a high-ranking executive in a drug firm, a college professor, and others. It was an uplifting afternoon.

For anyone interested in contributing to the support of project SEED, consider giving \$35, \$350, \$3500, or XXXX. with your dues this year. Anything over \$3000 will be half-matched by ACS funds.

J. Philip Bays, Councilor

P.S. "Thoroughly Modern Millie" is a fun musical.



THE FILTERPAPER

Andy Edelbrock
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DON'T FORGET RSVP Tuesday October 21st for the Dinner Meeting

If you are receiving a paper copy of the filter paper send your Name and E-mail address to Andy.Edelbrock.b@bayer.com



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\$FUNDING FOR DIVISIONS AND LOCAL SECTIONS

The amendments to the Constitution to increase funding for divisions and local sections, approved by the Council in New Orleans last spring, were subsequently ratified by the membership:

FOR 20,430

AGAINST 3,197