



ALI "QUOTES"

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MAR/APR 2001

Meeting Announcements

This is the only notice you will receive of the April meeting. Please save it and/or make a note of it in your calendar. Also, please note the change in time. Meeting information can also be found on our web page:

<http://www.princeton.edu/~pacs>

March Monthly Meeting

Professor Robert A. Pascal, Jr.
Department of Chemistry,
Princeton University

Topic: Tormented Aromatic Compounds

Date: Tuesday, March 27, 2001

**Time & Place: 5:30 p.m. Lecture, Room 124
Frick Chemistry Laboratory
Princeton University
6:45 p.m. Dinner at Prospect House**

Abstract: In this talk I will describe the chemistry of molecules containing aromatic rings which have been twisted, prodded, and bent. For several years we have pursued the synthesis, and structural and spectroscopic characterization, of highly strained organic molecules in which a variety of relatively unreactive functional groups are forced to be very close together. Our working hypothesis has been that the enforced proximity of these functional groups, often much closer than the sum of their van der Waals radii, should enhance their mutual reactivity, and that by balancing intramolecular strain with functional group reactivity, we might discover molecules with unusual bonding arrangements and unusual spectroscopic and physical properties. The very close contact of a hydrogen atom or other functional group with the pi-system of an aromatic ring is an important feature of many of these compounds, and a variety of chemical consequences, arising from purely steric interactions or from more subtle electronic perturbations, have been observed in these systems.

April Monthly Meeting

Dr. Peter McWilliams
Senior Associate
Sanderling Ventures

Topic: Outlook For Venture Capital Investing In Life Sciences

Date: Tuesday, April 17, 2000

**Time & Place: 5:30 p.m. Lecture, Room 124
Frick Chemistry Laboratory
Princeton University
6:45 p.m. Dinner at Prospect House**

Abstract: Venture capital investing in the U.S. reached historic peaks in 2000, yet this was driven primarily by the explosion in the growth of internet companies. Investing in life science ventures, although growing, has been far outstripped by investments in IT and internet related companies. Now that internet investments have declined, we look to the future of venture capital investing and, in particular, what we might expect for life science and related technologies. In particular, drawing on historical data, we put recent events into the broader context of the business cycle. In conclusion, we show that recent events when viewed in correct historical context suggest a good environment for life science venture capital investing over the coming years.

*The lecture is free and open to the public. The cost for dinner is \$20.00 per person, including wine (students and retirees, \$10.00). 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. Dinner reservations must be made by **Tuesday, March 20** for the March meeting, and **Tuesday, April 10** for the April meeting. **Please call to cancel your reservations if you cannot attend. No-shows will be billed for the cost of their dinner.***

I am happy to report that the first two seminars of the year were well received. Attendance in both the talks and dinners were good and I hope to maintain the level of interest by having the following speakers in the upcoming months. In March, Professor Robert Pascal of Princeton will give a talk on aromatic molecules with unusual topologies and physical properties. Dr. Peter McWilliams will be speaking on behalf of Sanderling Ventures investment group. He received his Ph.D. from Princeton and an MBA from Columbia and he will be talking about the financial aspects of investing in a technology company. Members of the section have been giving me suggestions on seminar topics ranging from the EPA to the history of chemistry. I will always welcome suggestions and will try my best to accommodate. Please feel free to contact me directly, either by phone or e-mail. In closing, I ask for your help in recruiting new members. The strength of any organization is in the members. I aim to build a strong member base not just for this year but in future years. Interestingly, not all members of the ACS realize the existence of a local chapter. Please, I ask that you increase awareness of our section to your co-workers and friends. After all, one of the best ways of advertising is by word of mouth.

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Call for Papers

34th MARM

The 34th Middle Atlantic Regional Meeting of the American Chemical Society will be held May 30-June 1, 2001 at the University Union, Towson University, Baltimore County, Maryland.

Major Symposia are: Nuclear Magnetic Resonance Spectroscopy I & II: Applications in Biochemistry (Michael Summers, Organizer) Mass Spectrometry: I Environmental and Bioagent Analysis & II Biological Research and Medical Diagnostics (Robert Cotter, Organizer), Lead Poisoning: A Technical and Societal Challenge (Trevor Delves, Plenary Lecturer)

Other sessions will feature invited and contributed presentations in:
medicinal chemistry, chemical education, patents, diversity, environmental sensing, biochemistry, flavor research, nanofunctional materials, chemical defense, consumer chemistry, forensic chemistry, analytical chemistry, organic chemistry, inorganic and organometallic chemistry, chemical catalysis, combinatorial chemistry, physical chemistry and polymer chemistry.

For more information on the MARM 2001 program and details on submitting an abstract for an oral or poster presentation visit the MARM 2001 website:
<http://www.towson.edu/chemistry/marm2001>

Abstracts are due by March 1, 2001

Looking back "and what a future it has been"

--A History of Local Section Activities--

A Symposium Sponsored by

Division of Industrial and Engineering Chemistry

and Local Section Activities Committee

222nd American Chemical Society Meeting

Chicago, IL

August 26-30, 2001

The title of the symposium is drawn from a quote by Glenn Seaborg (ACS President in 1976, the Centennial

year) " the purpose of looking back is not, of course, merely to obtain satisfaction from reflection on past triumphs; rather, it is to discover as many clues as possible to the likely development of the future."

In honoring the 125th anniversary of the ACS it is appropriate for us to reflect on the history of local section activities. There are many opportunities for sections to display their efforts and accomplishments through the years. Areas of interest might include educational, industrial and community involvement. Major events which affected the future in unexpected ways would also be appropriate.

The symposium will be presented at Sci Mix 2001 on Monday evening August 27, 2001.

Abstract forms are available at:
<http://www.acs.org/meetings/abstracts/abinfo.html>

Please use Word 98 or lower format.
The abstract deadline is April 1, 2001.

Please send the abstract to either of the following members of the Local Committee:

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CALENDAR OF EVENTS		
Mar 3, 10, 17	Science on Saturday www.pppl.gov or (609) 243-2121	Princeton Plasma Physics Lab Plainsboro, NJ
Mar 13	Trenton ACS Dinner Meeting Topic: How to Start a New Business Successfully Contact: Helen Tai, (609) 771-4149, htai@earthlink.net	Passage to India US Hwy 1 Lawrence, NJ
Mar 14	Chemical Consultants Network www.chemconsultants.org (215) 382-1589 or philaACS@aol.com	The Cynwyd Club Bala Cynwyd, PA
Mar 27	ACS Princeton Section Meeting	Princeton Univ.
Apr 1 - 5	221st National ACS Meeting	San Diego, CA
Apr 10	Trenton ACS Dinner Meeting Topic: The Archaeology of Trenton Contact: Helen Tai, (609) 771-4149, htai@earthlink.net	Rider University Lawrenceville, NJ
Apr 11	Chemical Consultants Network www.chemconsultants.org (215) 382-1589 or philaACS@aol.com	The Cynwyd Club Bala Cynwyd, PA
Apr 17	ACS Princeton Section Meeting	Princeton Univ.
Apr 26	Organic Spring Symposium - North Jersey ACS http://njacs.org/organic.html	Sheraton at Woodbridge Pl. Iselin, NJ
May 30 - Jun 1	34 th Mid-Atlantic Regional Meeting (MARM) www.towson.edu/chemistry/marm2001/	Towson Univ. Towson, MD



Princeton Section ACS

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