



Green Mountain Local Section of the American Chemical Society

e-mail: GreenMntACS@yahoo.com

Green Mountain Section website:
<http://membership.acs.org/g/greenmt>

Officers 2010

Chair..... Fiona Case
Chair-Elect..... Open
Secretary..... Jody Chamberlain
Treasurer..... Beth Medeiros
Councilor..... Willem Leenstra
Alternate Councilor..... Martin Case

Committee Chairs

PR/Web Master..... Fiona Case
Gov't Affairs..... Sarah Locknar
Newsletter Editor... Willem Leenstra



Upcoming Events

June 2-5 – NERM2010 at SUNY
Potsdam. See last page of this
newsletter for more information.



ACS website: www.Chemistry.org

GMLS April Newsletter

“Green Chemistry”

Date: Thursday, April 22, 2010
Time: Talk at 5:30 PM -- Dinner to follow



Speaker: Berkeley “Buzz” Cue
BWC Pharma Consulting
Pfizer Process R&D (retired)

[biography can be found on the next page]

Title: “Green Chemistry Supports
Sustainability in the Pharmaceutical
Industry”

Location: McCardell Bicentennial Hall
Room 219
Middlebury College

For directions to the talk’s venue, use the Middlebury College link:
www.middlebury.edu. At their homepage, click on “Campus Map” at the
lower bar, followed by selecting McCardell Hall in the Building Index in
the upper right of the campus map screen.

Dinner: Tully and Marie’s
Bakery Lane, Middlebury

If you wish to join us for dinner after the talk, please RSVP Martin Case
at 656-8246, or via e-mail to martin.case@uvm.edu by noon,
Wednesday, April 21. For directions, see www.tullyandmaries.com.

Dr. Berkeley Cue's Biography



Dr. Berkeley "Buzz" Cue is a consultant working with the pharmaceutical industry to create innovative solutions for pharmaceutical science and manufacturing challenges.

Dr. Cue retired from Pfizer in April 2004 after almost 29 years. At Pfizer he was Head of Process R&D, responsible for the Pharmaceutical Sciences at their Groton R&D site and a member of the Worldwide Pharmaceutical Sciences Executive Team. He created and led Pfizer's Green Chemistry initiative, which has become a model for other pharmaceutical companies.

Since retirement he has continued his mission of advancing green chemistry in the pharmaceutical industry, giving more than a five dozen invited and keynote presentations on green chemistry in the pharmaceutical industry at national and international meetings. In 2003 he was elected to the ACS Green Chemistry Institute Governing Board (and re-elected in 2006) where he co-chairs the Institute's Pharmaceutical Roundtable. On March 17, 2004 he testified before the House of Representatives Science Committee in support of the 2004 Federal Green Chemistry Act (HB 3970). In 2004, he was appointed to the National Academies of Science Committee on Grand Challenges for Sustainability in the Chemical Industry. In 2005 he was part of a National Science Foundation-sponsored joint China/US green chemistry workshop in Beijing, China, along with other US academic and industrial green chemistry leaders. In 2005 he was presented the Seldon Award by U. Mass-Lowell for his contributions to green chemistry. That year he also received an award from the Green Chemistry Institute for his leadership of Pfizer's green chemistry efforts. In 2006 he was recognized by the US EPA for his "tireless efforts to encourage pharmaceutical companies to implement green chemistry." Buzz was featured in a recent (March 29) edition of C&E News advocating innovative approaches to "green" the pharmaceutical industry.

Since 2000 he has been a member of numerous corporate boards, organizational councils, and advisory committees.

Honoring 50-Year and 60-Year Members

In 2010, 875 ACS members will be honored as they celebrate 50 years of membership. In grateful appreciation of the many years of service they have

given to the Society, a special ruby pin and a 50-year membership card, which entitles them to free attendance at all ACS meetings, were sent to them in late February.



In our own Green Mountain Section we would like to congratulate two such long-time fellow chemists:

- Thomas Junas
- Harvey Schugar

But there's more. Our Local Section also has the distinction of having seven 60-year members:

- Eleanor Angell
- Robert Dilts
- Henry Lemaire
- James Murray
- Albert Preuss
- William Schuele
- William White

All will receive a handsome 50-year membership certificate from us to mark the occasion. Congratulations to each of our distinguished members!

Message from Our Section Chair, Fiona Case



Spring has come to our beautiful state and with it the start of our ACS Green Mountain Local Section 2010 program of events. Our first activity is judging the Vermont Math and Science Fair on Saturday April 17. Then on Thursday April 22, Earth Day, we welcome Buzz Cue to give a presentation on the greening of the pharmaceutical industry. It is particularly appropriate that this event is being hosted at Middlebury College. Middlebury was recently ranked number three in the Sierra Club listings of "cool schools" - schools with great green credentials. They were just ahead of the University of Vermont, ranked number four - an impressive showing for our state and one that must have delighted their admissions departments (today, two-thirds of university applicants say that a school's environmental report card would influence whether they'd enroll, according to a survey by the Princeton Review). Activities in the planning stage for the remainder of this year include a tour of Green Mountain Coffee, and another of our hugely popular Chemistry

Cruises on Lake Champlain. A number of local section members are also participating in the ACS Northeast Regional Meeting, NERM2010, which will be hosted by our neighbors, the ACS Northern New York Local Section, in June. I hope to see you at one (or all) of these activities.



Vermont Science and Math Fair Needs Judges

This Saturday, April 17, Norwich University will once again host our state's Science and Math Fair. The organizers have asked us to help in finding additional judges as this year's number of entries appears to be especially high. The commitment would be for just that Saturday morning, starting at 8:30, and finishing with a complimentary lunch. The Green Mountain Local Section will award prizes for the best chemistry entries at various levels – anyone with at least one year of college chemistry is invited to represent us.

Can you help? If you are so inclined, please visit: <http://vssmf.pbworks.com/> and contact Tricia Finkle or Carl Pinkham to let them know you're coming (or just show up, as additional judges are always welcome).

Report from our Councilor, Willem Leenstra



I attended the Council meeting at the Spring National Meeting just held in San Francisco, March 21-25, 2010. What follows are the highlights and the more interesting announcements from that meeting. If you would like a more complete report and/or a report of the proceedings of the Board of Directors, I would be happy to send it to you electronically; please contact me at my email address: willem.leenstra@uvm.edu.

Election Results

By electronic ballot, the Council selected Luis Echegoyen and Bassam Shakhashiri as candidates for 2011 President-Elect. These two candidates, along with any candidates selected via petitions, will stand for election in the Fall National Election.

In this past fall's election, our District I elected Neil Jespersen as our new Director on the ACS.

Petitions for Bylaw Changes

After considerable debate, a motion to approve the Petition on Candidate Selection by Member Petition failed. This petition would have amended the Constitution to emphasize that candidates selected by a petition process from members will have no further screening. As it stands, the Bylaws continues to allow additional nominees to be selected by members via a petition process.

2009 Member Dues

Council voted to set the member dues for 2011 at the level set by an inflation-adjustment formula, which resulted in an increase of \$1 to \$145.

The Society's Finances

The Society ended 2009 with a net from operations of \$13.7 million, in spite of a significant revenue shortfall (compared to the approved budget). This favorable result was obtained in part because of cost-containment initiatives that were implemented across the Society, resulting in expense savings totaling \$22.5 million

San Francisco Attendance

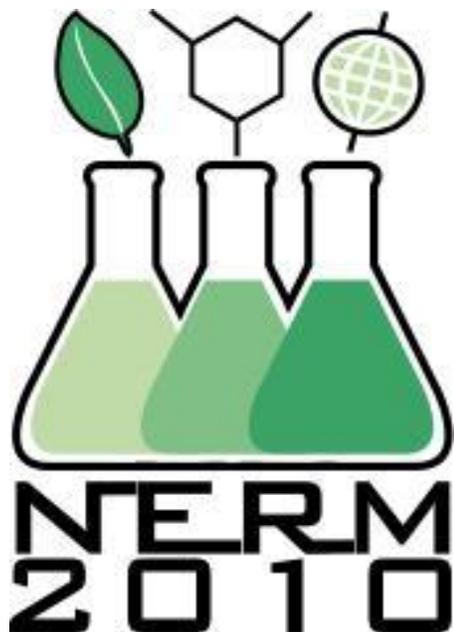
At last count, the ACS spring national meeting had attracted 18,076 registrants, distributed over the various categories as follows: regular attendees 9,715; students 5,705; exhibitors 1,219; exposition-only 923; and guests 514.

Member Statistics

At the close of 2009, Society membership totaled 161,783 compared to 154,024 for year-end 2008. The number of new membership applications received last year was the highest ever. The 2009 number also reflects the transition of 6,658 former Student Affiliates to the new Student Member category in June 2009, and the successful recruitment of 6,341 new undergraduate student members.



Chemistry for a Sustainable World



37th Northeast Regional Meeting of the
American Chemical Society

June 2-5, 2010

Potsdam, New York

SUNY Potsdam campus



Dr. Catherine T. Hunt

Dr. Paul T. Anastas

Dr. Vicki L. Colvin

Plenary speakers include:

Dr. Catherine T. Hunt, Dow Chemical,
Prof. Paul T. Anastas, Yale University
Prof. Vicki L. Colvin, Rice University

Chemical education: Chemical education in the Northeast – Education for K-12 (Saturday June 5th)

Green/Environmental: Green chemistry in industry for a sustainable world – Biomass combustion -
Environmental chemistry

Physical Chemistry/Nanotechnology: Nanotech & the environment – Bioelectronics and biosensors
– Analytical and medical applications of nanotech – Novel materials and nanomaterials for
energy conversion – Smart and hybrid polymer materials – General physical chemistry

Analytical chemistry: Scanning probe microscopy in modern nanotechnology – Contaminants in
the environment – New trends in chromatography - General analytical

Biomedical and biochemistry: Metals in living systems – Chemical biology – Metal ions and
metalloproteins – Stem cells in the CNS - Metal ion complexes in biological imaging –
Biochemistry and biophysics of proteins and membranes – Oxidative stress and antioxidants –
Detection of protein biomarkers for medical applications

Organic/Medicinal chemistry: Natural products – Drug development and design - Chemistry and
the war against cancer – Synthetic organic chemistry – John Porco symposium – General

Inorganic: Organometallics and main group chemistry - General inorganic chemistry

Social and networking events, career workshops, graduate recruiting fair, vendor exhibition

We invite you to participate – abstract submission deadline April 30

More information at nerm2010.org