



Green Mountain Local Section of the American Chemical Society

email: greenmntacs@gmail.com

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

Officers 2012

Chair.....Heather Bean
Chair-Elect.....OPEN
Secretary.....Jody Chamberlain
Treasurer.....Beth Medeiros
Councilor.....Willem Leenstra
Alternate Councilor...Jeffrey Byers

Committee Chairs

Web Master.....Leah Damon
AwardsMichele Johnson
Gov't AffairsSarah Locknar
Newsletter Editor..Willem Leenstra



Upcoming Events

September 30 – October 3

38th Northeast Regional Meeting,
Rochester, NY (NERM-2012)

October 21 – October 27

National Chemistry Week, with a
GMLS-sponsored chemistry demo
event at the Burlington Town
Center Mall on Saturday the 27th.

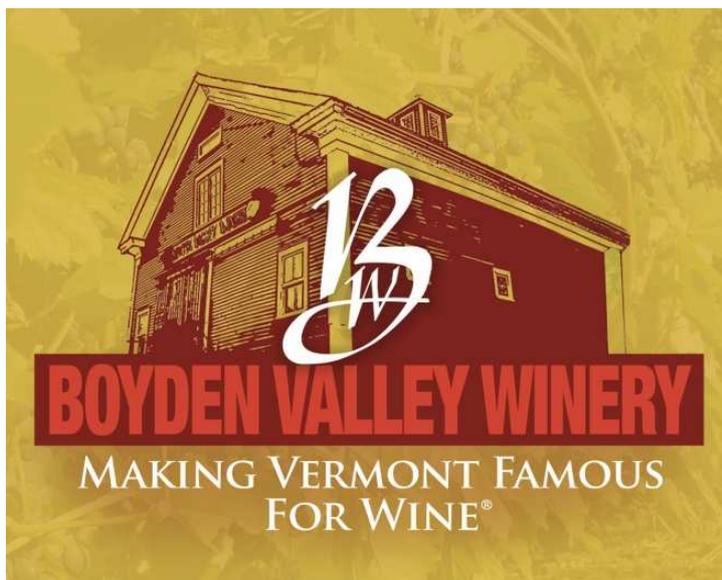


ACS website: www.Chemistry.org

Green Mountain LS September Newsletter

“A Tour and a Taste”

Event: Tour of Boyden Valley Winery
Date: Saturday, October 6, 2012
Time: Tour at 1:30 PM -- Tasting to follow



**Location: Intersection of Routes 15 & 104
Cambridge, Vermont**

Directions to the Boyden Valley tour's venue: From the “five corners” in Essex Junction Village, take Route 15-E for 19 miles. Coming from the south on I-89 it is best to take Exit 10 into Stowe, and then take the Mountain Road (Rte. 108), then onto Route 15-W for 3.5 miles.

Tasting: Carriage Barn at Boyden Valley

Alayne Schroll has arranged for us to have a special 7-sample wine tasting, complemented by five gourmet cheeses, peppered salami, fresh bread, fruits and chocolates. If you wish to join us on this outing, please RSVP Alayne via e-mail at aschroll@smcvt.edu as soon as possible for an early, approximate headcount by Friday, September 28th. Ability to accommodate late RSVP's will depend on space available.

Your GMLS will subsidize approximately 50% of the charge, resulting in a cost to members (and the first 15 guests) of \$10.

Top of the News: GMLS is seeking some fresh, new, enthusiastic leadership!

If you are interested in serving as the **Co-Chair for 2013**, please let us know! This position comes with an **all-expense-paid trip to the ACS Leadership Institute** in Jan 2013 (free registration, travel, room and board). At the Leadership Institute you will take several of the ACS Leadership Development System 4-Hour Facilitated Courses (valued at \$150 each). This is a wonderful opportunity to receive **free professional development training** and to fulfill professional service requirements at your college or company!



If you are interested, or want to just explore possibilities, please contact Heather Bean (our current Chair) at beanchemist@gmail.com, or Willem Leenstra (Councilor) at willem.leenstra@uvm.edu. We would love to hear from you, even if you're just curious!

A Welcome from Boyden Valley Winery

Located in a restored, 1875 carriage barn, the Boyden Valley Winery is steeped in a culture and agricultural heritage of Vermont's Green Mountains. From 8,000 grapevines and 100 acres of maple trees, we craft wines that feature only the finest locally grown fruit from the soils of the Lamoille River Valley.



Farming the mountain hillsides of Vermont is firmly rooted in our family history. Boyden Valley Winery is located on a fourth-generation farm. We focus on varieties that match our climate and terrain, which produces fruitful, high-tannin grapes.

The grapes we grow are very winter-hardy and adapted to our climate, able to withstand temperatures as low as five degrees below zero. All of our vineyards are tended by hand; the pruning takes place in the spring, and we train the vines throughout the summer on a trellis system known as VSP (vertical shoot position). Harvesting takes place in late September or early October for our red and white varieties. We hope you will enjoy our tour.

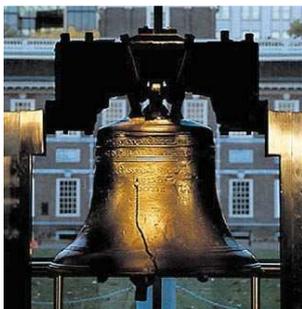
Councilor's Report

As your representative, I attended the Council meeting at the Fall ACS National Meeting, which was held in Philadelphia, Pennsylvania, August 19-23. Attendance was somewhat lower at almost 14,000 registrants. Totals in select categories included 7,817 regular attendees and 3,177 students. Some notable items from the meeting are:



2011 President-Elect Candidates

By electronic ballot, the Council selected Luis A. Echegoyen, Robert A. Welch Professor at the University of Texas at El Paso, and Thomas J. Barton, Distinguished Professor at Iowa State University, Ames as candidates for 2013 President-Elect. These two candidates will be voted on by the entire ACS membership in the fall national election. This year the candidates hail from “academia” (the slate alternates between academic, and non-academia candidates).



Special Discussion Item

A special discussion item was put on the Council agenda for this meeting. ACS President Bassam Shakhashiri presented and moderated a discussion on “What major efforts should ACS pursue to help alleviate water and other global challenges?” Members of the ACS feel a responsibility as scientists and citizens to help address global challenges facing society in the 21st Century to help sustain Earth and its people. These challenges include increasing population growth, limited natural resources, malnutrition, disease, climate change, violence and war, and the denial of basic human rights, including the right to benefit from scientific and technological progress. This discussion focused primarily on the crisis of available water suitable for drinking, agriculture and industry. Following the presentation, more than 30 Councilors engaged in a discussion of this global challenge and others and offered numerous suggestions.

Board of Directors Actions

On the recommendation of the Committee on Budget and Finance (B&F), the Board VOTED to approve an advance member registration fee of \$370 for national meetings held in 2013. For further details, please go to the web at www.acs.org or communicate your thoughts via email to willem.leenstra@uvm.edu.

National Chemistry Week (NCW)



2012 Celebrates 25 Years of NCW!

NCW encourages chemists and chemistry enthusiasts to build awareness of chemistry at the local level. Local Sections, businesses, schools, and individuals are invited to organize or participate in events in their communities with a common goal: To promote the value of chemistry in everyday life. This year marks the 25th anniversary of the NCW program and we are excited to partner with the Nanoscale Informal Science Education Network.

Local Section Participation

At the local level, our Green Mountain Local Section is planning an outreach event by doing some hands-on chemical demonstrations at the Burlington Town Center (aka as the downtown mall). We have been given the center court of the mall to set up tables. The event is still in the planning stages, but we hope to get valuable assistance from the UVM Chem Club, a newly re-organized undergraduate student organization.

NCW Illustrated Poem Contest

Our Section is also participating in a creative, fun activity designed especially for our daughters and sons. Please see the ACS flyer on the next page for further details.



National Chemistry Week 2012 Illustrated Poem Contest:

“Nanotechnology: The Smallest BIG Idea in Science”

The Green Mountain Local Section of the ACS is sponsoring an illustrated poem contest for students in Kindergarten - 12th grade.

Contest Deadline: **October 19, 2012**

Prizes: **\$15 gift certificates for winners in each age group**

Mail submissions to: **Heather Bean
33 Colchester Avenue
Burlington, VT 05405**

Winners of the Green Mountain Local Section illustrated poem contest will advance to the ACS National Illustrated Poem Contest!

Write and illustrate a poem using the NCW theme, "**Nanotechnology: The Smallest BIG Idea in Science**". Your poem must be **no more** than 40 words, and in the following styles to be considered:

HAIKU • LIMERICK • ODE • ABC POEM • FREE VERSE • END RHYME • BLANK VERSE

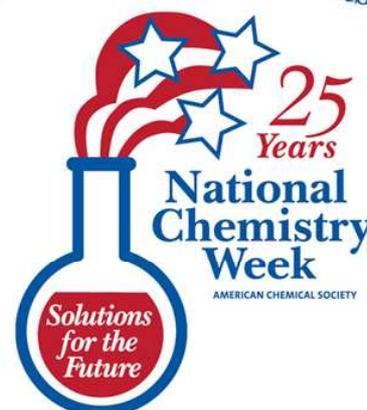
Participants are encouraged to explore the nanoscience related to the environment, energy, materials and health.

Possible topics include:

- Nano water filtration
- Nano medicine and drug delivery
- Solar cells
- Any other relevant topics
- Carbon nanotubes

Entries will be judged based upon:

- Relevance to and incorporation of the theme
- Adherence to poem style
- Word choice and imagery
- Originality and creativity
- Colorful artwork
- Overall presentation



Contest Rules:

- Poems must conform to a particular style. No poem may be longer than 40 words.
- The topic of the poem and the illustration must be related to the NCW 2012 theme, "**Nanotechnology: The Smallest BIG Idea in Science**".
- All entries must be original works without aid from others.
- Each poem must be submitted and illustrated on an unlined sheet of paper (of any type) not larger than 11" x 14". The illustration must be created by hand using crayons, watercolors, other types of paint,

colored pencils or markers. The text of the poem should be easy to read and may be printed with a computer, before the hand-drawn illustration is added, or the poem may be written on lined paper which is cut out and pasted onto the unlined paper with the illustration.

- Only one entry per student will be accepted.
- All entries must include an entry form.
- All illustrated poems and/or digital representations of the poems become the property of the American Chemical Society.
- Acceptance of prizes constitutes consent to use winners' names, likenesses and entries for editorial, advertising and publicity purposes.

American Chemical Society