

The Syracuse Chemist

Volume 104/Issue 3



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ChemLuminary Award Finalists!

For the third year in a row, our Syracuse Section has been chosen as a finalist for the prestigious ChemLuminary Awards. ChemLuminary Awards are given by the American Chemical Society as recognition for outstanding community service, exemplary section involvement across academia and industry, innovative projects, environmentally conscious events, and more. We are finalists for a section record *six* ChemLuminary Awards this year:

Best Chem Club NCW Event
Outstanding Community Involvement in Chemists Celebrate Earth Day
Outstanding Sustainability Activities
Best Activity Stimulating Membership Involvement
Outstanding Continuing Public Relations Program of a Local Section
Local Section Partnership Award

The awards will be presented at the 14th ChemLuminary Awards Celebration held in conjunction with the ACS National Meeting in Philadelphia in August. There will be a poster session where each finalist section can present their section's activities and network with other sections. After the poster session comes the excitement of the awards ceremony. Keep your fingers crossed that our section will continue to shine!

This recognition could not have happened without the hard work and vision of our section members. The Syracuse Section has some of the most dedicated and creative volunteers of any local section - and we have the awards to prove it! Thank you for all your hard work - and for those of you who want to become involved, there are lots of ways to join us and all our chemical fun, come to a meeting or contact an Executive Committee member and get involved!

Mark your calander! Education Night, one of the highlights of the Syracuse Section year, is Thursday June 21st. See the flier on page 7 for more details!

Green Drinks a Success

Bill Ayling

On May 10, the ACS-Syracuse Section sponsored Green Drinks and introduced the ACS to community members that are interested in sustainability. In addition to ACS members, attendees were from a variety of professions and included architects, an environmental attorney, a financial planner, an energy consultant, a county water resources professional, a biologist, and others. The event included introductions by the Hanah Ehrenreich (Green Drinks host) and Bill Ayling (Section Chair representing ACS sponsorship) followed by informal discussions and networking. Approximately 20 people attended the event, including seven ACS members.



It was good to see some new faces among the regular ACS members. During the event, the group was entertained with the music “Over the Rainbow” while Sally Mitchell (Past-Chair) demonstrated “Rainbow Chemistry” and the “Density Bottle” experiments that were developed for the Innovative Program Grant. The new demonstrations have been presented at three venues already and each time they have generated a lot of enthusiasm, regardless of whether the audience is children or adults.

In response to the demonstrations at Green Drinks, new connections were made for potential ACS members and places for us to present science demonstrations. There was a universal interest among attendees about the need to engage children in science and the value of the chemistry demonstrations. In another connection at Green Drinks, the energy consultant had engaging questions for ACS members to help solve a research and design problem related to renewable energy. The ACS sponsored Green Drinks was a successful outreach event that helped us to build new relationships in the community.



Utica College Science and Engineering Fair



The Utica College Science and Engineering Fair was held on Saturday, March 24, 2012 at Utica College. Over 50 projects from grades 4-12 were displayed and judged.

This year, the Syracuse Section's Best Chemistry Awards, which consisted of a certificate and Barnes and Noble Bookstore gift cards, were given to the following students: Junior level went to Isabel Gouse for "Does the distance from route 8 affect the number of particles in the air?" while the Senior-level was awarded to Derek Wenndt for "Ethanol from food waste".

Lauren Stevens and Maureen Bishop, graduate students at ESF, brought 14 undergraduates from ESF to join over 20 Utica College Chemistry Club students and 7 ACS members to help with judging. Along with helping decide the Syracuse Section awards, these judges assisted with the main placement judging and with other special awards. Thank you for everyone who helped out, and congratulations to the winners!

Service Milestones

Bill Ayling

Four members of the ACS-Syracuse Section reached 50 and 60 years of service to ACS. The American Chemical Society takes immense pleasure in acknowledging those distinguished members who have contributed so much to the continued success of the Society:

50-Year Members

Dr. Paul Bertan
Dr. Peter Juby
Dr. Vincow Gershon

60-Year Member

Mr. William Gottstein

Congratulations to our distinguished 50 and 60 year members!

Call for nominations!

ACS Syracuse needs you! Five officer positions are up for election this year for terms in 2013 and two appointed positions are available for 2013. Please think about running for election and/or nominating someone for a position. Here's how!

THE ELECTION PROCESS

Call for Nominations - Now through October 9, 2012. Send Nominations to: Sally Mitchell sbmitchell2@gmail.com. Nominations should include the full contact information for the person being nominated and the position for which he/she is being nominated. Upon receipt of the nomination, the Nominations and Elections Committee will solicit biographical information. Self-nomination is welcome and encouraged. Please send your nomination to Sally, and include a brief biography suitable for publication on the Section website in the October Syracuse Chemist. **All Nominations MUST be received by October 9, 2012** in order to give the Nominations and Elections Committee enough time to get biographical information and confirm candidate eligibility and interest. **Nominations Announcement** will appear in the October Chemist. **Elections.** Electronic elections will be initiated on October 23, 2012 with responses due by November 6, 2012. **Election Results** will be reported on Section website by November 20, 2012 and in the December edition of the Chemist

POSITIONS AVAILABLE FOR 2013

The five elected positions available for 2013 are listed below:

- Chair-Elect (3-year term: would serve as Chair-Elect in 2013, Section Chair in 2014, and Past Chair in 2015)
- Secretary (1-year term)
- Treasurer (1-year term)
- Delegates (2-year terms: 2 positions)

Appointed positions consist of the Education Committee Chair and the Editor of the Syracuse Chemist. Both of these positions are one-year terms.

Want to know more about what you need to do in these positions? Read on!

So you are interested in being an officer? Here's what they do!!

All of the positions available this year are open to members or student members of ACS. Holders of these positions all become members of the Executive Committee of the Syracuse Section. That committee must meet at least four times during the calendar year to plan activities and carry out the business of the section. Self-nominations (that is, volunteers) are welcome. Nominations of other members are also welcomed. Only candidates who consent to serve shall appear on the ballot. Please send nominations (including self-nominations) to Sally Mitchell sbmitchell2@gmail.com by October 9, 2012. Descriptions of the terms and duties of these positions follow.

Description of Positions

The Board of Directors is responsible for strategic planning of the Section and consists of the Chair-Elect, Chair, Past-Chair, Secretary, and Treasurer as officers of the Executive Committee.

The **Chair-Elect** serves the Section for three years: one year as Chair Elect (2013), the next year as Chair (2014), and the following year as immediate Past Chair (2015).

- As **Chair-Elect (2013)**, this person has an opportunity in January 2013 to attend (at ACS expense) a weekend ACS Leadership institute with other section officers from around the country. The Chair Elect also plans section activities for his or her Chair year.
- As **Chair (2014)** this person calls meetings of the Executive Committee, runs meetings of the section (dinner meetings or other programs), appoints members to other committees, and coordinates Section activities. The Chair is also responsible to draft an annual report for the Councilor to submit to national ACS staff on Section activities completed during his or her year as Chair. Both the Chair Elect and Past Chair assist the Chair in coordinating Section activities.
- As **Past-Chair (2015)** this person provides support to the Chair and Chair-Elect and also serves as Chair of the Awards, and Nominations and Elections committees for 2015.

The Chair Elect, Chair, and Past Chair also serve as members of the Nominations and Elections committee.

The **Secretary** takes minutes of Executive Committee meetings, reports election results to the national ACS, and is generally responsible for formal communications on behalf of the Section. The term of the Secretary is one year, and the Secretary may be re-elected. The **Treasurer** is responsible for budgeting, handling the Section's funds, and paying its bills. The term of the Treasurer is one year, and the Treasurer may be re-elected. The **Delegates** represent the Section members and participate as voting members of the Executive Committee in deciding Section business and assist in tasks, as needed. In order to encourage participation from all areas of the Section, two delegates must live or work outside Onondaga County; the other two may be from anywhere in the Section. The delegate is an entry-level position in Section governance and service. Under the Section bylaws, delegate terms are two years (with re-election possible), and two Delegates will be elected each year. In the 2012 election, at least one delegate must be from outside Onondaga County.

Appointed positions are advisory positions of the Executive Committee that do not participate in voting on Section business. The 2013 Section Chair will make official appointments by January 31, 2013.

Chair of the Education Committee is appointed for a one year term and is responsible for organizing and oversee all of the Sections events that are geared toward the youth in the section including but not limited to: National Chemistry Week, Chemists Celebrate Earth Day (April), the Benjamin P. Burt Chemical Education Series (May or June), and National Chemistry Week (October). Since this is an appointed position, self-nominations only will be accepted. The **Editor of the Syracuse Chemist** is an appointed position and is responsible for publishing the Chemist and for communicating directly with the membership. Since this is an appointed position, self-nominations will only be accepted.

From the Nominations and Elections Committee:

- Sally Mitchell, Past Chair, Chair Nominations and Elections Committee
- Neal Abrams, Chair-Elect
- Bill Ayling, Section Chair

CONSIDERATION OF SECTION NAME CHANGE

Also on the ballot for this year's election, will be a poll of members to vote FOR or AGAINST changing the section name from the "Syracuse Section" to the 'Central New York Section.'" The proposed section name change is intended to better represent the geographic region of our members. Approximately 65% of the Syracuse Section members reside or work within the Syracuse metropolitan area. The remaining 35% of the members reside or work outside of the Syracuse metropolitan region in areas of Central New York from Oswego to Ithaca, and Utica to Aurora.

Molecule of the Month Answer

Daniel Barr

Molecule of the Month Answer: April 2012 issue. Congratulations to Anthony Zidell for being the first to answer correctly.

GYNEOX

O X Y G E N

ARBOCN

C A R B O N

NEAGSIUMM

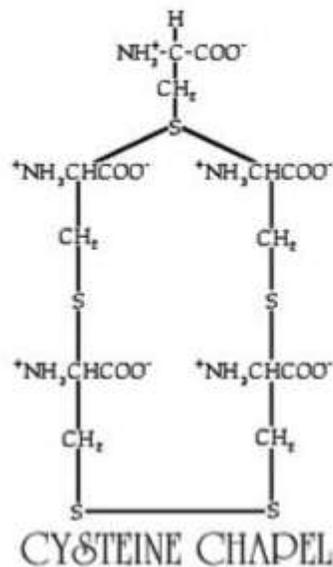
M A G N E S I U M

EGTNSTNU

T U N G S T E N

HIUMILT

L I T H I U M



Unscramble the names of the elements, then unscramble the circled letters to find out what Michaelangelo would have painted if he were a chemist:

The Cysteine Chapel.

Want up-to-the-minute information about the section?
Bookmark <http://syracusesection.sites.acs.org> to get all the latest news and events!

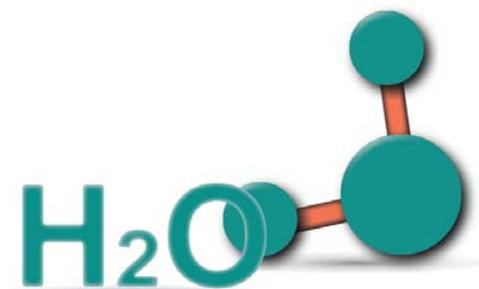
EDUCATION NIGHT

June 21, 2012

You are cordially invited to a
reenactment of the Ben Burt, Ph.D.
Water Lecture



Join us for education night where we will honor students and teachers in the Syracuse Section of the American Chemical Society. After the awards, Dr. Michael Sponsler, Sally Mitchell and Jamie Cucinotta will be re-enacting Ben Burt's famous water lecture. Dr. Burt will be the speaker for each experiment through the re-digitized movie made by his son, Ben Burt, Jr.



Ben Burt Lecture Series

Date	Thursday, June 21, 2012
Time	6:00pm: mingling and appetizers 7:00pm: Lecture
RSVP	By June 17, 2012 To sbmitchell2@gmail.com
Tickets	First come first serve
Where	Stolkin Auditorium in the Physics Building on the Syracuse University Campus



Other Activities of Section Members Volunteer Opportunity - Genius Olympiad

<http://www.geniusolympiad.org/>

Great Minds on Great Lakes for
Sustainable Future



June 25 – 29
Oswego, New York

GENIUS Olympiad is an international high school project competition about environmental issues. The GENIUS Olympiad will take place on Oswego Campus this summer. The organizers would like you to serve as judge in this international competition about environment to encourage young minds from all over the world.

GENIUS Olympiad has 4 main disciplines: Science, Art, Creative writing, Architectural Design. We are expecting more than 250 projects from 52 countries and 32 states. The organizers need judges for science category which will include more than 180 projects on Tuesday June 26th. Anyone with a passion for environmental issues and with BS degree in science disciplines may volunteer to be a judge for the GENIUS Science.

Volunteering as judge requires at least three hours (one session) of your time on the judging day. As a judge you are expected to talk to 12-15 students over two and half hours. There are two judging sessions and the organizers would like to have you for both sessions, if possible. Free parking, refreshments during judging, lunch (need an ID badge), and a promotional bag will be provided for all judges. The judge registration is available at <http://www.geniusolympiad.org>

There are going to be plenty of other great events, such as the opening ceremony (with Maria Stenzel), International fair, and many others. For more information, please email the Genius Olympiad organizers at info@geniusolympiad.org or ACS member Fehmi Damkaci at fehmi.damkaci@oswego.edu. The organizers of Genius Olympiad hope you can join them!



Syracuse Chemist

Editor

Michelle Boucher
mboucher@utica.edu

Associate Editor

Daniel Barr
dabarr@utica.edu

Deadline for material:

Chemists will be published every other month beginning in January. The deadline for submitted materials will be the 15th of every even numbered month (Ex. 2/15 for the March issue). Please submit print ready materials to Michelle Boucher mboucher@utica.edu

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Organized as the Syracuse Chemical Society in 1902 and chartered as a section of the American Chemical Society in 1907, the Syracuse Section now includes Central New York counties of Cayuga, Cortland, Madison, Oneida, Onondaga, Oswego and Seneca.

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SECTION OFFICERS (2012)

Chair	Bill Ayling aylingwa@verizon.net
Chair-elect	Neal Abrams nmabrams@esf.edu
Past Chair	Sally Mitchell sbmitchell2@gmail.com
Secretary	Jamie Cucinotta jcucinotta@fmschools.org
Treasurer	Robert Fleischman robert.fleischman@merckgroup.com
Councilors	Alyssa Thomas acthomas@utica.edu Kestutis Bendinskas Kestutis.bendinskas@oswego.edu
Dist Del	Vacant
Dist Del	John Fleischman John_fleischman@pall.com
Dist. Del.	Donald Dittmer ddittmer@syr.edu
Dist. Del.	Elizabeth Mitchell ekmitche@syr.edu

Committee Chairs

Awards	Alyssa Thomas acthomas@utica.edu
Career Services	Raymond O'Donnell 343-5783
Education	Joy Logan sjlogan@esf.edu
Nominations and Elections	Sally Mitchell sbmitchell2@gmail.com
Public Relations	Bill Ayling aylingwa@verizon.net
Student Affiliates	Robert Stankavage