

Mid-Hudson Chemist



ACS Local Section
Mid-Hudson

Spring 2019

SAVE THE DATE

For all 50-, 60- and 70- year ACS members, you are invited to the upcoming URS talk and dinner at Vassar College on Wed. April 24. Please see details about this event on pages 4-5



See 2019 CCEW Illustrated Poem Contest details and entry form on pages 9-10.

*Calling all senior chemists...
Looking to attend a fun event with
other fellow chemists? see p.8*

*Any suggestions on how to improve the
benefits of being a MH-ACS member?
see p.8*

UPCOMING EVENTS

20th ANNUAL MID-HUSON ACS UNDERGRADUATE RESEARCH SYMPOSIUM

Speaker: Theodore Gray, Celebrating the International Year of the Periodic Table (IYPT) 2019

PLACE: VASSAR COLLEGE

DATE: WED. APRIL 24TH

PLEASE SEE ANNOUNCEMENTS ON PAGES 4-7.

ACS EARTH DAY HIKE

The Mid-Hudson ACS is planning to do an Earth Day Hike on Sunday, May 5 in Fahnestock State Park

Please stay tuned for updates on the ACS list serve for time and meeting place.

60th Annual Dutchess County Regional Science Fair

Place: Dutchess Community College

Date: Sat. March 30th

Time: 9:30 am – 12:30 pm (see page 3 for details)

2019 U.S. National Chemistry Olympiad (USNCO)

Details on pp. 12-13.

2019 Executive Committee

Chair: Maryellen Sinclair; **Chair-Elect:** John Edwards; **Past Chair:** Lynn Robinson; **Treasurer:** Joan Skinner; **Secretary:** Chi Nguyen; **Councilor:** Mary Dery; **Alternate Councilor:** Timothy MacMahon; **Members-at-Large:** Ines E. Augie, Glenn Roy, and Lori Wojciechowicz; **NCW Co-Chairs:** Cynthia MacMahon and Timothy MacMahon; **Science Olympiad Chair:** Lynn Maelia; **Awards Chair:** Patti Cusatis; **Government Affairs Chair:** Mary Dery; **WCC Chair:** Lynn Robinson; **YCC Chair:** William Maelia; **SCC Chair:** Glenn Roy; **Publicity Chair:** Chet Dziobkowski; **Webmaster:** William Maelia; **Membership Chair:** Maryellen Sinclair **Mid-Hudson Chemist Editor/Publisher:** Lori Wojciechowicz

~Join the Mid-Hudson ACS Discussion List~

The following website may be used to subscribe, unsubscribe, or view the archive:

<https://lists.msmc.edu/sympa/info/acs-mh>

To post a message to all the list members, send email to acs-mh@lists.msmc.edu.

Mid-Hudson ACS Website:

www.midhudsonacs.org

Please visit our site and contact our Webmasters (William.Maelia@gmail.com , patti.cusatis@basf.com) with your comments or additional items to be posted.

Like us on Facebook:

www.facebook.com/MidHudsonACS

Hudson Valley Science Café

A Science Café is a monthly gathering in a café, pub or restaurant, open to the public, with a short presentation of a topic followed by discussion. The essence of a Science Café is informality, with groups seated around tables with food and drink to encourage conversation.

Meetings are on the 4th **Wednesday** of the month, from April to November, except where indicated. Admission is \$3.00 per person.

Meeting site: Flaming Grill & Buffet (back party room, but sometimes front), at Newburgh Mall, next to Bed, Bath & Beyond, (1399 Route 300). Tell the reception when you arrive whether you will be having dinner. You can arrive at any time, and have as many portions as you like, but please have your last plate in place before the speaker presents at 7:15. The Buffet is open until 9:30 PM.

2019 dates - 6 speakers needed. Volunteer or suggest someone please!

April 24: Evolution

May 22: The Science of Aging

June 26

July 24

August 28

September 25

October 23

November 20 (3rd Wednesday)

Website:

www.cafescientifique.org/index.php?option=com_content&view=article&id=196:HUDSON-VALLEY&catid=78:cafe-pages

Hudson Valley Science Café has received start-up funds from WGBH-NOVA and the American Chemical Society. For information, or to suggest a speaker (yourself included), please contact Dr. Toby Rossman (tobyrossman@yahoo.com).

Hudson Valley Science Café is on Facebook: www.facebook.com/hudsonvalleysciencecafe

SCIENCE FAIR!

Call for Judges

60th Annual Dutchess County Regional Science Fair

The 60th Annual Dutchess County Regional Science Fair is soon approaching! It is one of the longest running science fairs in the country and is the first regional science fair in New York State. The Mid-Hudson ACS Section will be participating again this year.

I am seeking volunteers to represent ACS Mid-Hudson as a Judge. This is a fun, rewarding event, to get involved, and volunteer your time for a Saturday morning serving our Mid-Hudson section. There are no special requirements to be a Judge. All volunteers are welcome to Judge the exhibits presented by the young future scientists at this event!

Please place this event in your calendar and participate in our section for this community event.

Date: **Saturday, March 30, 2019**

Place: Falcon Hall, Dutchess Community College, Pendell Road, Poughkeepsie, NY

Time: **9:30 am to 12:30pm**

More Information: www.DCSciencefair.org

If you are interested in volunteering, please use this [SIGNUP FORM](#).

(This is the direct link: <https://goo.gl/forms/f1fRcLcdmH4o5u8w2>; email me if you have any problems using the form).

Thank you in advance for your support and assistance with the 2019 Dutchess County Regional Science Fair.

Kind regards,

Nicoline J. Kiwiet

nicoline.kiwiet@marist.edu

Chemistry Department

Donnelly Hall 235D

Marist College

Poughkeepsie, NY 12601-1387

Tel: 845-575-3000, ext:6380

Google Voice: 347-559-1885



The Mid-Hudson Section of the American Chemical Society and Vassar College Present the
20th Annual Undergraduate Research Symposium
Wednesday, April 24, 2019

This symposium provides an opportunity for undergraduates from the local colleges to present their research in the chemical sciences. All areas of chemistry, environmental science, molecular biology, and related fields are welcome. A seminar given by a distinguished guest speaker will be followed by a poster session and buffet dinner.

Symposium Program (Reservations for dinner are required, but the seminar and poster session are open to everyone.)

- 3:30–4:00 PM: Check-In & Poster Set-Up (Bridge for Laboratory Sciences south foyer)
- 4:00–5:00 PM: Seminar (Main Building Villard Room)
- 5:00–5:30 PM: Awards and Announcements (Main Building Villard Room)
- 5:30–6:10 PM: Poster Session A & 6:10–6:50: Poster Session B (Bridge for Laboratory Sciences)
- 7:00 PM: Buffet Dinner (Bridge for Laboratory Science north atrium)

Guest Speaker: Theodore Gray, author of *The Elements*.

“The Periodic Table: Completing a Work of Ages”

Abstract: The periodic table has been an inspiration since its outlines were first published 150 years ago. At first an inspiration for scientists to fill in its missing pieces. Then an inspiration for students to learn about the rich patterns and symmetries of chemistry. Now an inspiration to all of us as an example of what can be accomplished when a community of dedicated researchers works together over a span of seven generations to complete a task that only the last few could hope to see finished in their lifetime.

Bio: Theodore Gray is the co-founder of Wolfram Research, Inc, makers of Mathematica, and the author of *The Elements*, the internationally best-selling book and App on the beauty of the periodic table, translated into 25 languages. He is the creator of the BAFTA award-winning, 2013 iPad App of the Year Disney Animated, and proprietor of periodictable.com and mechanicalgifs.com. His most recent project is a book on the functional beauty of mechanical devices, to be published in the fall of 2019.

Call for Poster Abstracts: To present a poster, please submit an abstract of **200 words or less**. Please make every effort to adhere to the specific formatting guidelines, as follows:

1. Submit each abstract as a separate Microsoft Word file. The filename should include: the first author's last name, the institution name, and the faculty advisor's last name.
2. Use 16 point Times New Roman font with one inch margins all around.
3. Do not include references.
4. Include an abstract header with each of the following items centered, on separate lines, and formatted as follows:
 - Title: in bold and all caps
 - List of authors: in bold and separated by commas. The faculty advisor's name should be followed by an asterisk (*).
 - Institution Name: in bold

- Institution Address: in bold (e.g., **124 Raymond Ave, Poughkeepsie, NY 12604**)
 - Faculty Advisor's Email Address: in bold and lower case
5. Please submit your abstract as an email attachment on or before **Wednesday, April 3** to: jotanski@vassar.edu. If you are unable to meet this deadline, please contact Dr. Joe Tanski to make arrangements. There is a \$25 conference fee per poster up to \$400 maximum per school. In your email, please RSVP by indicating the full names of all the authors who will be attending and follow the instructions below for dinner reservations. Faculty advisors will receive a confirmation email regarding the submitted abstract prior to the event.

Poster Size: To fit on the poster boards, posters should be approximately 48 inches wide by 36 inches in height.

Dinner Reservations: A buffet dinner will be served following the poster session (\$25/person). Please RSVP for dinner by emailing jotanski@vassar.edu by **April 3**.

RSVPs: If you plan to attend the symposium, please email jotanski@vassar.edu the following information by **April 3**:

1. The full names of all participants that will be attending the symposium, institution name, and attached abstract if presenting a poster.
2. The full names of all participants that will be attending the buffet dinner.

Directions and Parking: For directions to our campus, see: <http://info.vassar.edu/visit/>. Attendees should park in the South Lot: On the interactive campus map <http://info.vassar.edu/visit/maps/> [click for student parking and South Lot will be highlighted in blue.](#) [From there, the Bridge for Laboratory Sciences is](#) a short walk northward. There will be signs directing you to the appropriate entrance of the Bridge for Laboratory Sciences for Check-In. If you have mobility impairments, contact jotanski@vassar.edu (or call 845-437-5731) at least a few days prior to the event to arrange for transportation from the parking lot to the Student Center.

We look forward to seeing you all at the 20th annual Mid-Hudson ACS Undergraduate Research Symposium at Vassar College. Please check the event website for further details and updates:

<https://www.midhudsonacs.org/undergraduate-research-symposium.html>

Call for Applications for 2019 Undergraduate Student Research Awards

The Mid-Hudson Section of the American Chemical Society invites applications for the 2019 Mid-Hudson valley ACS Undergraduate Research Awards from student researchers who plan to present their work at the 2019 symposium. **Outstanding submissions will be selected to each receive a monetary award.** This is a separate application and is not required of all students presenting posters only those students who wish to be considered for this very prestigious award need apply.

Rationale

The Mid-Hudson Section wishes to reward undergraduate students who choose to write a short summary about their research and scholarship activities.

Criteria

Research work should be completed by a student currently enrolled (2018-2019 academic year) as an undergraduate at one of colleges in the Mid-Hudson ACS area. Students must also present their work at the 2019 Mid-Hudson ACS Undergraduate Research Poster Symposium at Vassar College on April 24, 2019.

Application Format and Procedure:

All papers submitted must be primarily chemistry, not biology or physics.

*Format: The paper must be written in Microsoft Word with a font type of New Times Roman and a font size 12. Margins should be set to the Narrow setting under page layout/margins in Word. The description part of the paper may not be longer than two pages; however, the Acknowledgments and References may cause the paper to run longer. **Any papers longer than the requested two written pages will not be considered.***

The summary should be written in normal scientific format and divided into appropriate sections in the following order:

- 1) **Title with authors:** The title of the paper should be at the top with the authors underneath. The student submitting the paper for the award must be clearly indicated. This can be done by bolding and underlining that author.
- 2) **Introduction:** Keep in mind that the judges for the paper come from a wide variety of chemical backgrounds and will probably not be familiar with your research or your area of specialization. You need to clearly outline what you are doing and why it is being done. Remember, your audience is not familiar with your research, although they will be professional chemists, so you need to explain it to them in terms they can understand.
- 3) **Experimental:** Just a brief review of your experimental design and data is needed.
- 4) **Results and Discussion:** This along with the introduction and conclusion are the most important parts of the paper. This is your chance to wow the judges with your fabulous work. Remember the judges will not be familiar with your work so you must educate them. Now after years of learning and studying, is your chance to educate us. Make sure you include all chemical structures, equations and reactions. Remember, although you have spent many hours intimately involved in this research and thus all the reactions and chemicals are as familiar to you as your best buddies, they will be new to the judges. The

better the judges understand exactly what you are doing and what you have accomplished the better your chances at winning the award. Do not be shy about drawing chemical structures and writing out the reactions as these are some of the best ways to help other chemists understand exactly what your research is about.

- 5) Conclusion: This needs to be consistent with the introduction and should obviously quickly summarize what your research has accomplished and if applicable where it will be going in the near future.
- 6) Acknowledgments and References: This part of the paper may exceed the two-page limit and should be as extensive and comprehensive as needed.
- 7) In Summary: Again, it is important to remember the judges are not experts in your area of research so your job is to educate them on your research and WOW them with the work you have been doing. This does not mean you have to be overly technical in your writing. You should include all the relevant chemistry being careful to include all important chemical structures and reactions but make sure the paper is readable and flows well. The judges, who are chemists, volunteer their time to judge this competition and will not spend excessive amounts of time trying to decipher cryptic or non-coherent writing. As a parting note, remember the judges must be able to understand exactly what you have accomplished so a poorly organized and poorly worded paper will not impress the judges. Good luck on your submission and the judges are looking forward to learning about your research.

Submission procedure:

Applications should be sent by e-mail as an attached Word Document to Dr. Timothy MacMahon e-mail: timothy.macmahon@sunyorange.edu by **Friday, April 17, 2019**. Please indicate in the subject line of the e-mail that you are submitting an application for the URS Student Research Award. Confirmation that the submission has been received will be sent via e-mail.

Senior Chemists Committee (SCC)

Your Mid-Hudson section of The American Chemical Society (MHACS) is ramping up the new year for SCC Activity. Are you 50+, retired or not retired? THEN JOIN US. The SCC mission is to address and support the social needs and professional ambitions of senior chemists and to utilize their knowledge and experience. I am soliciting your ideas for activities and suggesting some activities to begin planning in detail.

Are you interested in sharing your career with our younger chemists committee and mentoring? Would you enjoy just getting out for an entertaining activity?

Are you interested in:

- **Seminars (your expertise show, your chemistry magic, your favorite travel, tour of your former employee lab)**
- **Glassblowing your own ornament**
- **Boscobel or other productions**
- **Polich (formerly Tallix) foundry tour**
- **Renegades ballgame evening out**
- **Mountain Scout Survival School in Beacon**
- **ACS Regional Meeting Reunions**

We invite you to bring back your skills, talents, memories, or get out to a fun event, and network with the SCC in your Mid-Hudson American Chemical Society!

See <https://communities.acs.org/groups/senior-chemists> to learn more about SCC participations and newsletters.

If you are interested in any of these events, please contact me with your ideas and feedback! You can also take the following survey:

<https://www.surveymonkey.com/r/THB9R5D>

Glenn Roy, Ph.D.,
Chair MHACS SCC, ACS Professional Member 32 years
Glenn.m.roy@gmail.com

Dear Mid-Hudson ACS Members,

The National ACS organization would like feedback on how they can better serve its members. Do you have thoughts and ideas? Please send feedback to Mary Dery, Mid-Hudson ACS Councilor at mary.dery@basf.com by March 20. Some questions that might spark your creativity:

- 1. What services can ACS offer that aren't currently available?**
- 2. Why are you a member of the ACS?**
- 3. Does the ACS meet your professional needs?**
- 4. How can ACS support you in your career?**
- 5. What do you think the ACS should be doing to justify your dues?**

2019 CCEW Illustrated Poem Contest

Take Note: The Chemistry of Paper

The Mid-Hudson Local Section of the American Chemical Society (ACS) is sponsoring an illustrated poem contest for students in Kindergarten through 12th grade.

Contest Deadline: April 22, 2019

Prizes: Barnes and Noble Gift Cards

Contact: Lynn Maelia/ lynn.maelia@msmc.edu / 845-569-3131

Winners of the Mid-Hudson Local Section's Illustrated Poem Contest will advance to the National Illustrated Poem Contest for a chance to be featured on the ACS website and to win prizes!

Write and illustrate a poem using the CCEW theme, "Take Note: The Chemistry of Paper." 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

Possible topics related to paper chemistry include:

| | | | |
|-------------|-----------|-------|--------|
| Bioplastics | Cellulose | Fiber | Lignin |
| Plastic | Polymer | Pulp | Slurry |

Entries will be judged based upon:

Artistic Merit - use of color, quality of drawing, design & layout
Poem Message - fun, motivational, inspiring about yearly theme
Originality Creativity - unique, clever and/or creative design
Neatness - free of spelling and grammatical errors

Contest rules:

- All poems must be no more than 40 words, and in one of the following styles to be considered: Haiku, Limerick, Ode, ABC poem, Free verse, End rhyme, and Blank verse.
- Entries are judged based upon relevance to and incorporation of the NCW theme, word choice and imagery, colorful artwork, adherence to poem style, originality and creativity, and overall presentation.
- All entries must be original works without aid from others. Poems may be submitted by hand on an unlined sheet of paper not larger than 11" by 14" or scanned and sent via email. Illustrations may be created using crayons, watercolors, other types of paint, colored pencils, or markers. The illustration may also be electronically created by using a digital painting and drawing app on a computer, tablet, or mobile device.
- The text of the poem should be easy to read and may be typed before the hand-drawn or digital 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.
- No clipart or unoriginal images can be used.
- Only one entry per student will be accepted; all entries must include an entry form. If the illustration is created using a digital painting or drawing app, the name of the program must be included on the 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.



2019 CCEW Illustrated Poem Contest
Take Note: The Chemistry of Paper
ENTRY FORM

Please fill out this form, print, and attach to the back of the poems. All fields are required. Incomplete forms will invalidate the entry.

The deadline for the Mid-Hudson Local Section Contest is April 22nd.

| Student and Organization Information | | | |
|--|------------------------------|---|-------------------------------|
| Student Name: | | | |
| Grade: | | | |
| Parent/Guardian Name: | | Parent/Guardian Email: | |
| Parent Address: | | | |
| City: | | State: | Zip: |
| School or sponsoring group: <i>(e.g. Boys and Girls Club or Scout Troop, 4-H, etc.)</i> | | | |
| Teacher Name: | | Teacher Email: | |
| School Address: | | | |
| Address Line 2: | | | |
| City: | | State: | Zip: |
| Please send any follow up for the student to the <u>school</u> <input type="checkbox"/> or <u>parent</u> <input type="checkbox"/> address. | | | |
| Judging Category by Grade (Check one) | | | |
| K-2 <input type="checkbox"/> | 3-5 <input type="checkbox"/> | 6-8 <input type="checkbox"/> | 9-12 <input type="checkbox"/> |
| | | | |
| FOR LOCAL SECTION USE ONLY | | | |
| Local Section Name: | | Mid-Hudson | |
| CCEW Coordinator Name: | | Lynn Maelia | |
| CCEW Coordinator Email/Phone: | | Lynn.maelia@msmc.edu / 845-569-3131 | |



ACS
Chemistry for Life™

American Chemical Society Poem Contest
sponsored by the
Mid-Hudson Section of the American Chemical Society

The Mid-Hudson Section of the American Chemical Society has chosen the following students to receive recognition for their work and efforts in the **2018 National Chemistry Week poetry contest** with the theme **“Chemistry is Out of This World”**. Students from four schools participated in the contest. A few of the winning entries are pictured below:

3-5

Honorable Mention: Anthony Albano – Bishop Dunn Memorial School

6-8

1st place: Leane Titolo – Bishop Dunn Memorial School

2nd place: Sebastian Castro – Bishop Dunn Memorial School

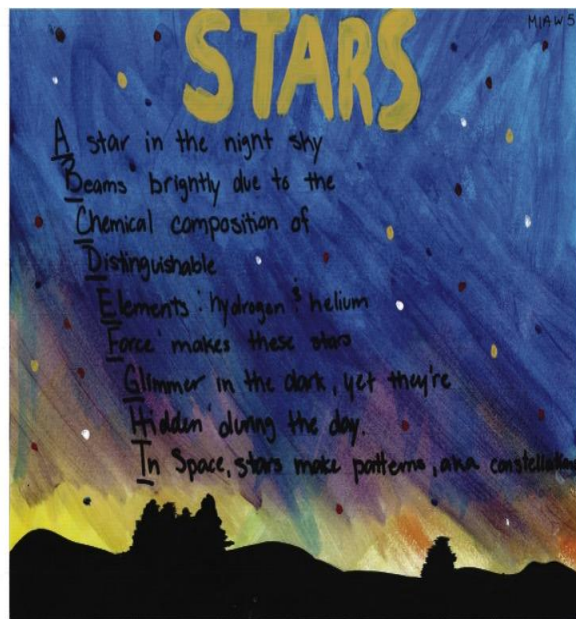
3rd place: Massimo Titolo – Bishop Dunn Memorial School

9-12

1st place: Mia Woodruff – Newburgh Free Academy

2nd place: Fiona Guip – Red Hook High School

3rd place: Grace Hillery – Red Hook High School

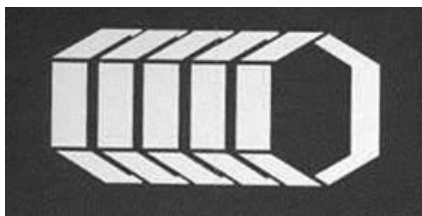


Mia Woodruff
Grades 9-12



Leane Titolo
Grades 6-8

United States National Chemistry Olympiad



USNCO

January 15, 2019

Dear Science Educator,

The Mid-Hudson Section of the American Chemical Society (ACS) will again be participating in the U.S. National Chemistry Olympiad (USNCO) in 2019 and you and your students are invited to participate. The primary goals of this program are to stimulate interest and achievement in chemistry among high school students throughout the United States and to provide recognition of outstanding young chemistry students, teachers, and schools.

Students competing in the USNCO are eligible to be selected as members of the United States team for the International Chemistry Olympiad (IChO). For the past thirty three years, the United States has sent a team of four students to compete with nations around the world at the IChO. The students participate in both theoretical and laboratory examinations over several days. The IChO also provides students the opportunity to interact with their peers from other countries. The 2019 international event will be held July 21-30 in Paris, France.

We will begin the selection process for the IChO by choosing ten (10) participants from the Mid-Hudson Section to take the **National Chemistry Olympiad qualifying exam on Saturday, April 27th at Mount Saint Mary College in Newburgh, NY**. Student who are selected and who complete this exam will be given an extra incentive to compete with a \$50 award. National recognition will be based on the results of this exam.

To select our 10 students, we will use Local ACS Section qualifying exams, which you will administer at your school, should you choose to participate. If you feel that your school has students who can compete in the Local Section Competition, please contact me. I will send you copies of the 2019 Local Section Exam which I ask you to keep in confidence until April 9th. Administration of the exam to your class should occur in the time period from March 1-March 22. **These exams are to be returned to me for grading as soon as**

possible after administration, but no later than March 25, 2019. The 10 students who qualify for the National ACS exam from the Mid-Hudson Section will be contacted in early April.

Please read the enclosed rules below of the Olympiad. There is no limit to the number of students from each school who can take the local exam but there is a limit to the number of students per school who may take the National qualifying exam. Only two students per school will be allowed to participate in the national exam. Only citizens and legal, permanent residents of the United States (green card holders) will be eligible to take the U.S. national examination. More information about the Olympiad program can be found through the ACS website at: www.acs.org/olympiad. Links to Local Exams from previous years are at the web site and can be used to prepare your students.

Please let me know of your intention to participate as soon as possible and include the following information: name, school, school address, e-mail address, phone number, and approximate number of students participating. I can be reached by email at: lynn.maelia@msmc.edu or by phone at 845-569- 3131. I look forward to hearing from you.

Sincerely yours,

Lynn E. Maelia
Mid-Hudson American Chemical Society USNCO Coordinator

[Lynn.maelia@msmc.edu](mailto:lynn.maelia@msmc.edu) (845)569-3131

Rules for Participation in the U.S. National Chemistry Olympiad*

The following rules apply to the [National Chemistry Olympiad Competition](#) only. For information on local exams, go to [local competitions](#). Local sections are encouraged to develop their own procedures for identifying outstanding students at the local level and choosing national examination candidates.

1. Students must be U.S. citizens or legal, permanent residents of the United States (green card holders) to take the U.S. national examination.
2. High school students who will graduate no earlier than spring of a year in which they participate in the competition are eligible.
3. Students must be under the 20 years of age on the first of July of the year of the competition.
4. No more than two students per high school per local section may be nominated to take the national exam. In the case of magnet programs, split enrollment, or cyber students, a student's school is defined as the high school from which the student will receive his or her diploma.
5. Eligible students who have previously attended the study camp automatically qualify for the national exam and do not count against the limit on the number of eligible students from their local section or school.
6. Winners of gold medals at the International Chemistry Olympiad are not eligible to participate in subsequent International Chemistry Olympiad competitions or study camps.
7. Students who have taken advanced placement courses in chemistry are eligible.
8. A student may participate only in the competition of the section in which the student's high school is located. In the case of a cyber-student, the student shall participate in the local section where he or she is geographically located, regardless of where the cyber school is located.
9. A student who participates in the Physics Olympiad study camp, the Mathematics Olympiad study camp, or the Biology Olympiad study camp is not eligible to participate in the Chemistry Olympiad study camp during the same summer.

10. Only non-programmable calculators are to be used on the national exam and on the ACS local section exam, if used. The use of a programmable calculator, cell phone, or any other device that can access the internet or make copies or photographs during the exam is grounds for disqualification.

We'd like to share some photos from last year's events!



United States Military Academy Cadets attending **Tim Dressel's talk** on September 25, 2018.



Our current and future United States Military Academy Cadets and faculty participating in the **ACS Program in a Box - Voyage to Mars** on October 23, 2018.



Mole day cupcakes that our student ACS section members decorated to share with the Department of Chemistry and Life Science Cadets, faculty, and staff on **Mole Day, October 23, 2018**. We baked and decorated over 120 cupcakes!

