

Mid-Hudson Chemist



ACS Local Section
Mid-Hudson

Fall 2021



October 17-23, 2021

National Chemistry Week(NCW) is a public awareness campaign that promotes the values of the chemistry community in everyday life.

FAST OR SLOW
Chemistry Makes It Go!

Go to www.acs.org and follow the links to games, educational resources and general information concerning NCW.

Things of Interest

-Chemistry College Bowl
Vassar College (Virtual via Zoom)
October 27 @7pm

-Dutchess County Science Fair
April 2, 2022

-College Recognition Award

-Excellence in High School
Chemistry Award

-2021 NCW Poem Contest

-New Section: Chemistry Quiz.
Test your knowledge about the
laboratory.

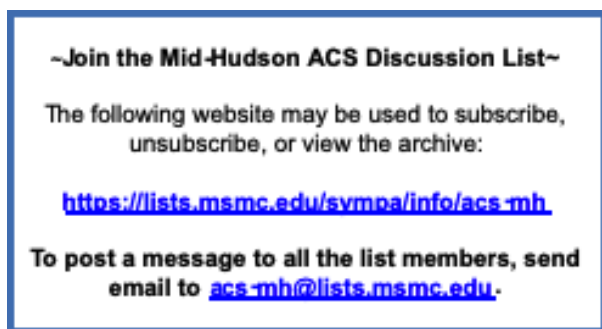
-Want to volunteer, join and get
involved? This issue will tell you
how.

-Need more information on the
section? Go to:
www.midhudsonacs.org

[www.facebook.com/
MidHudsonACS](https://www.facebook.com/MidHudsonACS)

2021 Executive Committee

Chair: Lori Wojciechowicz; **Chair-Elect:** Chi Nguyen; **Past Chair:** John Edwards;
Treasurer: Joan Skinner; **Secretary:** Ken McDonald; **Alternate Councilor:** Maryellen Sinclair **position;** **Members-at- Large;** Ines E. Augie, Dawn Riegner, and Joe Tanski;
NCW Co-Chairs: TBD; **Science Olympiad Chair:** Lynn Maelia; **Awards Chair:** Patti Cusatis; **WCC Chair:** Lynn Robinson; **YCC Chair:** William Maelia; **SCC Chair:** Glenn Roy; **Publicity Chair:** Chet Dziobkowski;
Webmaster: William Maelia and Patti Cusatis; **Membership Chair:** Maryellen Sinclair; **Mid-Hudson Chemist Editor/Publisher:** Maryellen Sinclair



Call for Candidates for the Mid-Hudson Section Executive Board

It is time to elect the executive board members for 2021 and we would like to invite any section members interested in serving on the board to put their names on the ballots.

Positions open for election:

Secretary (1-yr position 2022)
Treasurer (1-yr position 2022)
Chair Elect (3-year position 2022-2024, chair elect, chair, & past chair)
Member-at-Large (3 year position 2022-2024)

To have your name placed on the ballot for consideration, please contact our current Secretary, Ken McDonald at:

kenrock66@gmail.com

For nomination purposes, all candidates are required to provide a very short biography for the ballot.

Hudson Valley Science Café

A science Café is a monthly gathering open to the public, currently held via Zoom, with a short presentation of a topic followed by discussion. The essence of a Science Café is informality between the presenters and members of the community.

Meetings are usually on the 4th **Wednesday** of the month, from April to November, except where indicated.

Check the website for any upcoming Zoom presentations:

Website: <http://cafescientifique.org>

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

FAST OR SLOW

Chemistry Makes It Go!

NATIONAL
CHEMISTRY
WEEK



OCTOBER 17-23, 2021

THE VASSAR COLLEGE

CHEMISTRY DEPARTMENT PRESENTS...

COLLEGE BOWL NIGHT

Via Zoom ~ 2021!

Wednesday, Oct. 27th 7:00 PM

Based off the old TV Show "College Bowl"

A friendly competition between

Local college & high school AP students!

Join us for this Covid adapted zoom College Bowl during National Chemistry Week 2021 - A fun night filled with challenging questions, competitive teams and prizes! Form a team of 4 to compete, join a team or come to cheer on your school team!

Zoom link: <https://vassar.zoom.us/j/93478331863>

Contact Linda Ferraro with your team

members' names: lferraro@vassar.edu

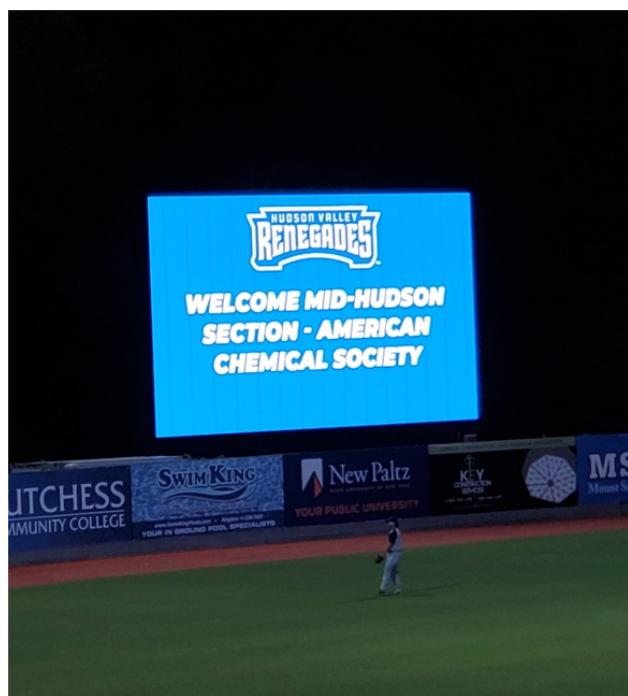
Hope to see you there!

#NCW



The Mid-Hudson ACS Goes Out To The Ball Game

Over the summer the Mid-Hudson section had a very exciting evening at the Hudson Valley Renegades game. Thank you to all the members who joined us and spent time celebrating chemistry and baseball. A special thank you to Glenn Roy. He spent countless hour organizing this event. We appreciate all that you do for us.



Volunteer Needed

The Mid-Hudson ACS (MH-ACS) is looking for a volunteer to coordinate the US National Chemistry Olympiad (USNCO).

The coordinators for the U.S. National Chemistry Olympiad (USNCO) are volunteers appointed by ACS Local Sections to coordinate the USNCO program in each participating ACS Local Section. Only Coordinators are authorized to receive forms, order exams, and oversee the administration of Local Section Exams and National Exams. USNCO Coordinators must be appointed by their ACS local section chair. They must complete a participation form before all necessary deadlines. **There is no requirement to be an ACS member. High school teachers can serve as coordinators** as long as they do not offer paid tutoring to students (as addressed in the conflict of interest disclaimer during registration). We trust that high school teacher will remain objective and will not favor their own students. We also trust that they will keep all materials and information confidential from their own students.

Coordinator tasks

- Advertise and promote the Olympiad program in their local section
- Contact high school teachers
- Register schools and students for participation
- Order exams, certificates, USNCO pins, etc.
- Oversee the administration of Local Section and National Exams
- Distribute test results

When agreeing to serve as a Chemistry Olympiad coordinator, you are required to disclose any perceived or real conflicts of interests to the USNCO Subcommittee of the ACS Society Committee on Education. Having a paid tutoring arrangement for the Chemistry Olympiad creates a real conflict of interest disqualifying your involvement from coordinating, administering, or preparing the Chemistry Olympiad exams.

Please contact: Dr. Maelia if interested
845-569-3131 lynn.maelia@msmc.edu

Program in a Box: Chem Clash Rival Reactions

Tuesday, October 19th, 2021 (Virtual Doors open at 6:30pm ET, the game kicks off at 7pm

[Register your group](#) by Friday, October 15th to compete on [CrowdPurr](#).

[View instructions for adding members to your group on Eventbrite.](#)

A live interactive video stream hosted by [Kasha Patel \(Science Comedian, Journalist\)](#)

Five Rounds of Trivia, including:

1. Chemistry Makes it Go - Chemical reaction rates
2. Pioneering Progress - Science policy and advocacy
3. Fact or Cap - Debunking myths with your favorite chemistry TikTokers @chemicalkim, @ivyleagescience, and @drdre4000
4. Historical Hypothesis - Wild inventions, discoveries, and chemical landmarks
5. The Masked Element - How well do you know the Periodic Table?

The top individual groups with the highest scores will receive a prize pack from ACS!

Join forces with other groups to form a “Rival Reaction” team and go head-to-head against other Rival Reaction teams to advance to the final Lightning Round.

Meet other groups in your Reaction team and start "Reaction Rivalries" on Instagram, TikTok, and Twitter with #ChemClash. We'll feature the best posts and pics on-screen.

Mid-Hudson ACS Sponsors



North Street Rehabilitation
for New York and Connecticut



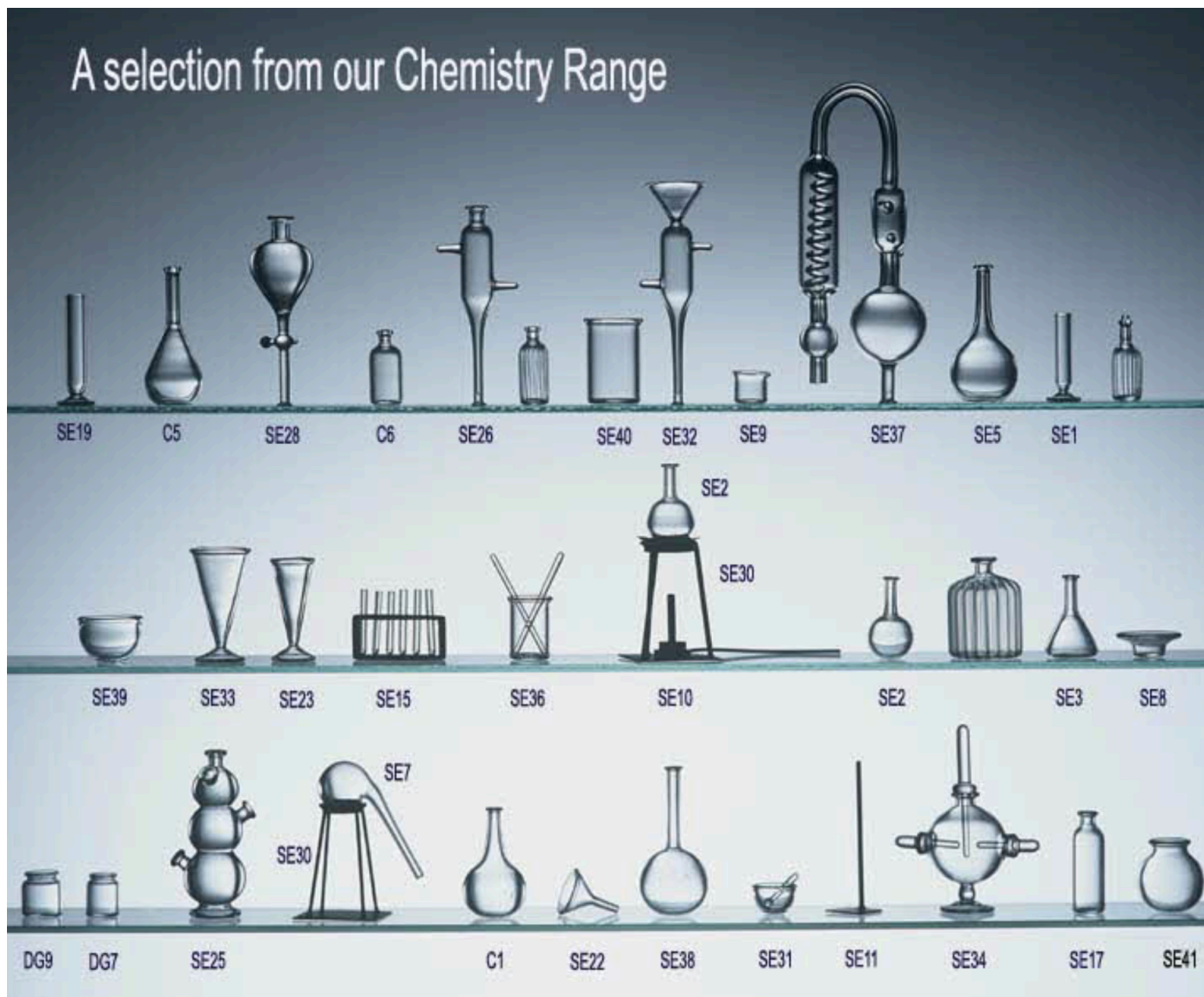
WORLD CUP
Gymnastics



Want to sponsor and contribute to a good cause? All donations will go to the Mid-Hudson ACS scholarship fund and local events. Scholarships will be distributed in the spring of 2023. Watch for more details.

Chemistry Quiz:

How many pieces of glassware can you name?



College Recognition Award

The 2021 College Recognition Awards were announced during the Virtual Undergraduate Research Symposium held on April 27th. The purpose of the award is to recognize achievement in the field of chemistry and to encourage further study in chemistry. One student from each of the colleges in the Mid-Hudson Section was presented with a monetary award. The names of the worthy recipients and their research advisors are listed below.

Educational Institution	Student	Student's Hometown	Advisor (s)
Mount Saint Mary College	Sabina Zarod	Poughquag, NY	Dr. James Moran
United States Military Academy at West Point	Brittany Aikin	Commerce, TX	COL F. John Burpo and Dr. Dawn Riegner
Bard College	Stella Rose Schneeberg	Warwick, NY	Dr. Ata Pinto
Vassar College	Naike Ye	Beijing, China	Dr. Krystle McLaughlin
SUNY Dutchess	Aselya Waltzer	Rhinebeck, NY	Dr. Jeff Cavalieri
SUNY Orange	Alexandra Higgins	Westtown, NY	Dr. Elaine Torda
Marist College	Samantha Musso	New Paltz, NY	Dr. Zion Klos and Dr. Elisa Woolridge
SUNY New Paltz	Ashleigh Arrington	Kingston, NY	Dr. Miles Wilklow-Marnell

2021 NCW Illustrated Poem Contest

Fast or Slow ... Chemistry Makes It Go!

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: October 24, 2021

Prizes: Gift cards

Contact: Lynn Maelia, lynn.maelia@msmc.edu; MSMC, 330 Powell Ave, Newburgh, NY 12550

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 NCW theme, "**Fast or Slow ... Chemistry Makes It Go!**" 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 the theme include:

- Activation energy
- Catalysts and enzymes
- Collision theory
- Fast vs. slow reactions
- Pressure
- Reaction rates
- Temperature
- Surface area

Entries will be judged based upon:

- Artistic Merit - use of color, quality of drawing, design, and 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.



National Chemistry Week (NCW) Illustrated Poem Contest ENTRY FORM

Please fill out this form and attach it after the poem. All fields are required. Incomplete forms will invalidate the entry.

The deadline for the *Mid-Hudson* Local Section Contest is *10/24/21*.

Submit poems to *lynn.maelia@msmc.edu or 330 Powell Ave. Newburgh, NY 12550*.

Student and Organization Information			
Student Name:			
Student Grade:			
Parent/Guardian Name:			
Parent/Guardian Email:			
Parent/Guardian Address:			
Parent/Guardian City:	State:	Zip:	
School or Sponsoring Group (e.g. Boys and Girls Club or Scout Troop, 4-H, etc.):			
Teacher Name:			
Teacher Email:			
School Address:			
School Address 2:			
School City:	State:	Zip:	
Please send any follow up for the student to the <u>parent</u> <input type="checkbox"/> or <u>school</u> <input type="checkbox"/> address.			
Illustration Type (Check one)			
Hand-drawn art <input type="checkbox"/>		Digitally created art <input type="checkbox"/>	
If the poem was digitally created, please name the software used in the box below:			
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:	<i>Mid-Hudson Section # 106</i>		
NCW Coordinator Name:	<i>Lynn Maelia</i>		
NCW Coordinator Email/Phone:	<i>lynn.maelia@msmc.edu or 330 Powell Ave.</i>		

Newburgh, NY 12550

More information is available at www.acs.org/ncw.