

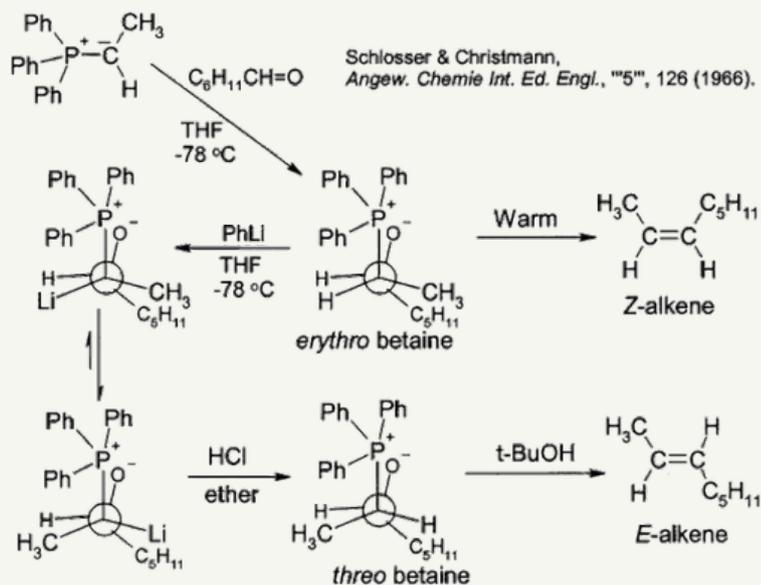
Mid-Hudson Chemist



ACS Local Section
Mid-Hudson

THE OFFICIAL NEWSLETTER OF THE MID-HUDSON ACS

Mechanism Of The Month



Wittig Reaction

-Named after George Wittig who was awarded the Nobel Prize in 1979 for his work.

-Commonly used to convert an aldehyde or ketone into alkenes.

-Wittig Rxn is commonly used in the synthesis of pharmaceuticals and industrial chemicals

-Wittig Reactions are used to synthesize Vitamin A (Beta-Carotene)

-One limitation is that both the E and Z isomers are formed

-Reactions are slow and the yields are low.



George Wittig

https://en.wikipedia.org/wiki/Wittig_reaction
[https://chem.libretexts.org/Courses/can.org/953A, Aldehydes and Ketones/3 A Nucleophilic Addition Reactions/9.12/3A The Wittig Reaction](https://chem.libretexts.org/Courses/can.org/953A%20Aldehydes_and_Ketones/3%20A%20Nucleophilic_Addition_Reactions/9.12%203A%20The_Wittig_Reaction)

In This Edition

-Recap: July 22nd West Point Boat Adventure

-Recap: August 31st MEET Grant

Engage, Entertain and Enthusiasm

--Upcoming ACS Events: National Chemistry Week Fun!

Important Notes

-Call for Nominations for 2024

-October Events:
Women Chemists Committee
National Chemistry Week

-Ways to Get Involved

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Call For Nominations: Board Elections

Nominations this fall will be for Chair-Elect (3-year post), Member at Large (3-year term), Member at Large (2-year term), Secretary, Treasurer, Alternate Counselor (3-year term), and we will be looking for committee chairs. If you would like to nominate someone or nominate yourself, please contact Ken McDonald our current secretary. **DEADLINE FOR NOMINATIONS: October 19th**

Being a part of ACS, and in particular, the Mid-Hudson section has been very rewarding in many ways for me personally. 30 years ago, I met very involved members in the section who welcomed me and encouraged me to be involved too. As a result, for several years I was a National Chemistry Week Committee chair and was able to coordinate several events which hosted many events across our section's 4 counties collectively over 2,000 young people and adults and that year our section won a ChemLuminary award for that impressive feat. I have made lifelong friends and met people that I could turn to - that I never would've found in my life if it weren't for the Mid-Hudson section. The section can do the same thing for you. All you have to do is make the decision to be involved and reach out to one of our board members for more information. Thanks for reading. Your Chair, Michelle

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Recap: July 22nd West Point Boat Ride

It was a glorious day on July 22nd... Perfect for a boat ride! We met at West Point's docks and headed North. There were over 60 people in attendance who enjoyed an icebreaker contest, ACS giveaways and plenty of snacks and drinks. People enjoyed the icebreaker challenge so much everyone had new friends by the first bon voyage; and the impromptu lecturing about New York City drinking water and the tunnels under the Hudson river bringing raw water to the treatment plants in Westchester county was so interesting people were requesting a formal speaker come to the section and give a talk. The blue sky and sunshine and cool breeze made this event a big hit! Thank you to our West Point members and the Mid-Hudson section Board who made this event happen!



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Photos from the July 22nd West Point Boat Ride



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Recap: August 31st MEET Grant "EEE"

On August 31st, the Mid-Hudson section hosted an ACS grant-sponsored event at Saxon Hall in Newburgh, NY. The event was titled EEE (engage, entertain and enthusiasm) by bringing value-added events to the section to encourage continued membership and new membership. The evening started with an icebreaker event and meet and greet, followed by a Buffet dinner, and then a talk presented by Dr. Evan Merkhofer on "Fermentation". Many attendees also participated in testing out the brews at the bar and the night ended with an axe throwing competition and the highest scores in each alley received a prize. The event was well attended with 37 people sending in RSVPs; and the axe throwing lanes were completely filled with 25 competitors. Cost for the entire evening was \$5 per person because the grant provided \$2,000 for the space and axe throwing and other wonderful benefits.

The grant also allows us to provide a one-year ACS membership in 2024 to a student from each of our colleges and universities in our section.

Additionally, the grant provided money to purchase technical equipment to be used for any of our local section speakers to utilize and present their talk not only in person, but also via Zoom, so those who are unable to make the drive can attend the Mid-Hudson talks.

Our section covers for counties: Dutchess, Orange, Putnam, and Sullivan. If you decided to drive from one end to the other, it could easily be a 2-Hour drive.

Hopefully with this technical equipment, we will get more members to participate and enjoy what the section has to offer.

We also promoted up-and-coming events such as the Girl Scout Badge Day on October 14th in Carmel, New York and we're looking for members to be involved with that. We also started reaching out to our membership and a call for

nominations for Chair-Elect (3-year post), Member at Large (3-year term), Member at Large (2-year term), Secretary, Treasurer, Alternate Counselor (3-year term), and appointments to be committee chairs. As part of the grant, we provided a form of assessment for the event using a survey. The results are in and participants found the event excellent in every respect and many people commented on the great atmosphere and the interesting speaker/topic.

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August 31 MEET Grant The EEE



Guest Speaker: Evan Merkhofer Ph.D



Mid-Hudson section's Chair:
Michelle Rissolo



Guests enjoying our feast



Guests practicing axe throwing

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Women Chemists Committee

This is offered to Carmel GS Juniors by the
Women's Chemist Committee Of The American Chemical Society



Join us for
a fun day !



WHAT: Girl Scout Junior Think Like an Engineer Journey!

WHO: **Juniors of Carmel Girl Scouts**

WHEN: Sat., OCT. 14, 2023

TIME: 9AM - 12:30pm

WHERE: Drew United Methodist Church

28 Gleneida Ave - Carmel NY 10512



COST: \$10.00/girl



R.S.V.P. by Tues, 9/12
to jchebetar01@gmail.com

You will explore the world of Chemical Engineering
while earning the Junior Engineering Journey!

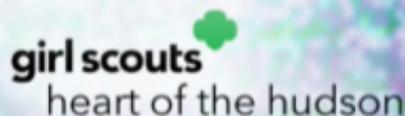
Listen and learn from these amazing Chemical Engineering Women.
Learn about polymers, chemical reactions, and much more!

There will be 5 stations, including a The Action Project!
A snack will be provided.

The Engineering Badge and the Take Action Badge are included!

PLEASE wear closed toe shoes, hair tied back, pants (no dress/skirt).
(Bring vest/sash for pictures)

All girls' parents must sign:
The Event Waiver, Release of Liability Form and The Photo Release & Consent Form



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National Chemistry Week Event

Kid's Chemistry Night
Friday October 20th, 5:30 pm

SUNY Orange
Middletown campus
Rowley Center
Room 211



RSVP:

Dustin.McCall@sunyorange.edu

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College Bowl Night

THE HEALING POWER OF CHEMISTRY



October 15-21 | 2023 | #NationalChemistryWeek



The Vassar College

Chemistry Department Presents...

COLLEGE BOWL NIGHT

**Bridge For Laboratory Science
Café Atrium**

Tuesday, Oct 24th - 7-9pm

Based off the old TV Show "College Bowl"

**A friendly competition between
Local college & high school AP students!**

*Join us for College Bowl in conjunction with ACS National Chemistry Week 2023!
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!*

**Choose a team name and send along with your team members to:
Linda Ferraro – liferraro@vassar.edu**

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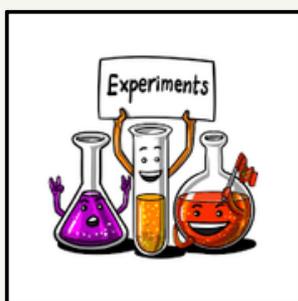
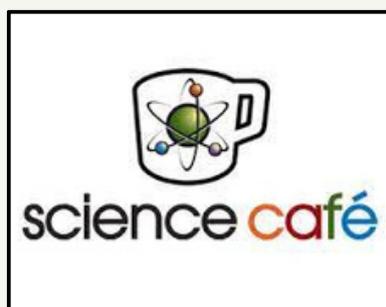
The Hudson Valley Science Café

The Hudson Valley Science Café is a monthly gathering open to the public. 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.

Check the website for any upcoming presentations

<http://cafescientifique.org>



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

For our most up to date information go to
<https://www.midhudsonacs.org/>.

For information, or to suggest a speaker, please contact
Dr. Toby Rossman at tobyrossman@yahoo.com

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2023 Executive Board Members

Chair: Michelle Rissolo

Chair-Elect: Patti Cusatis

Past Chair: Chi Nguyen

Treasurer: Joan Skinner

Secretary: Ken McDonald

Councilor: Lynn Robinson

Alternate Councilor:
Maryellen Sinclair

Members-at-Large:

Ines E. Augie, Dawn Riegner,
Nicoline Kiwiet

Awards Co-Chairs:

Patti Cusatis and Lynn Maelia

DCRSF: Nicoline Kiwiet

Membership Chair:
Maryellen Sinclair

Earth Day Hike: Butch Dery

NCW Chair: Chi Nguyen

SCC Chair: Glenn Roy

Publicity: Maryellen Sinclair

USNCO Chair: Joe Tanski

WCC Chair: Lynn Robinson

Local Section Coordinator:

Joan Skinner

URS Chair: Chris LaFratta

Mid-Hudson Chemist
Editor/Publisher:

Maryellen Sinclair and
Michelle Rissolo

Webmaster: Patti Cusatis

YCC Chair: TBA

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Get Involved and Connect With Us

Connect with us at:

Facebook:

www.facebook.com/MidhudsonACS

On the Web at :

www.midhudsonacs.org

Get involved at our monthly
board meetings.

Contact us for the Zoom link to our
next meeting Thursday October 19th at 7:00 pm

Michelle Rissolo (845) 399-1985

Patti Cusatis Patti.Cusatis@basf.com