



ACS-GHS

June 2022 Newsletter

Upcoming Events:

June 20: ACS-GHS Monthly Board Meeting (Zoom)

June 30: ACS-GHS Younger Chemists Committee virtual seminar (Zoom)

July 28: ACS-GHS July Seminar: Dr. Bridgett Rakestraw (Zoom)

September 8: Deadline for ACS-GHS award nominations

[Check our website and below for details on these upcoming events.](#)

ACS-GHS Awards: Call for Nominations

Know someone that has done outstanding work for ACS-GHS? The Local Section Awards nomination deadline has moved to **September 8!**

- Visit [GHS Awards](#) for nomination details and past winners.
- Information on ACS Regional awards can be found [here](#).
- Direct inquiries and submit nomination packets by **September 8** to acs-ghs@acs-ghs.org.

ACS-GHS Monthly Board Meeting

ACS-GHS executive board meetings are usually scheduled on the third Monday of every month and are open to any members of the ACS-GHS that wish to attend.

Monday, June 20, 2022
6:30 - 8:00 PM

For the health and safety of our board and members, this meeting will be conducted online via Zoom.

Members are welcome to participate. Please [register for the meeting](#) to receive the Zoom meeting link, or email acs-ghs@acs-ghs.org prior to the scheduled meeting date to be added to the meeting invitation.

ACS-GHS YCC Virtual Seminar: Do I Need a New Job or Career?

Join ACS-GHS Younger Chemists Committee (YCC) for this special virtual seminar featuring **Bill Carroll**, **Chemjobber**, and **Lisa Balbes**!



Bill Carroll
Carroll Applied Science, LLC
[ACS Career Consultant](#)
Resolving issues at the job



Chemjobber
chemjobber.blogspot.com
[@Chemjobber](#)
How to decide if you need to make a transition



Lisa Balbes
Balbes Consultants LLC
[ACS Career Consultant](#)
How to make a transition

Thursday, June 30, 2022
6:30 - 8:00 PM

[Register for the Zoom link](#)

Working during the pandemic has many reassessing their options, and there has been a notable increase in open positions as a result of the Great Resignation. How do you decide if you need a new job or career? Inspired by popular [ACS Industry Matters](#) newsletter articles and columns by Chemjobber for C&EN ([Bench and Cubicle](#)), the ACS-GHS Younger Chemists Committee organized this virtual seminar

with a powerful panel of highly experienced chemists to help guide younger chemists decide what is the right move to make for their careers.

In order to best tailor this program to participant needs, please send any questions that you have for the featured speakers ahead of time to acshoustonycc@gmail.com by **4:00 PM** on **Wednesday, June 22**.

Save the Date! GHS July Seminar: Dr. Bridgett Rakestraw

Save the date for our July Seminar with **Dr. Bridgett Rakestraw**, Project Lead/Formulator, CPI Fluid Engineering, Midland, MI.

Thursday, July 28th
6:30 - 8:00 PM

[Register for the Zoom link](#)

Planting a SEED: A Career Journey in Chemistry & Review of the History of Lubricant Development for Automotive A/C Compressor Systems

THURSDAY, JULY 28, 2022

6:30 pm CDT - Networking
7:00 pm CDT - Seminar

<https://acsghs.wildapricot.org/event-4839816>

Dr. Bridgett Rakestraw
CPI Fluid Engineering

RSVP to Receive Zoom Meeting Link

ACS Local Section
Greater Houston

Planting a SEED: Career Journey in Chemistry (25 min) & Review of the History of Lubricant Development for Automotive A/C Compressor Systems(25 min)

Environmental regulation has shifted the refrigeration industry towards more reactive refrigerants such as hydrofluoroolefins (HFO's) to reduce the emission of greenhouse gases and global warming potential (GWP). The primary modification in the automotive air conditioning industry is the incorporation of the HFO, R-1234yf, an unsaturated refrigerant, into these hermetically sealed systems. A comprehensive review of the chemical stability, miscibility and wear performance of lubricants designed for use with R-1234yf will be highlighted.

[Register](#) to receive the Zoom link.

Invention and Innovation

In 2022, ACS-GHS is providing a variety of events that highlight Invention and Innovation. Additionally, we will provide content and resources for those interested in Invention and Innovation.

June Invention and Innovation Articles and Statistics about Houston and Texas

- Houston is 3rd fastest growing tech ecosystem! [Learn more](#)
- Texas Innovation Corridor (near San Marcos) is attracting the Life Sciences Industry [Learn more](#)
- Houston is poised to be a hydrogen innovation hub [Learn more](#)

June Invention and Innovation Resource

The Copyright Office will begin accepting claims for review by the Copyright Claims Board for disputes up to \$30,000. This is an alternative (for small claims) to expensive federal litigation. [Learn more](#)

National Chemistry Olympiad

Fourteen high school students were nominated from the Greater Houston Section to participate in the National Chemistry Olympiad competition in person at the University of Houston Main Campus. The Greater Houston Section is proud of the selection of **Phoenix Wu** from Seven Lakes High School and **Anantshri Asthana** from Dulles High School among the twenty finalists nationwide to join the Study Camp for the International Chemistry Olympiad. More impressively, this is the third consecutive year that two students were selected from our section!

Great job and congratulations, **Phoenix Wu** and **Anantshri Asthana**!

Please see [here](#) for the full announcement of the top 20 finalists. Students who also performed well to receive High Honors and Honors in the national competition can be found [here](#).

An Evening with ACS President Dr. Angela K. Wilson



Computational Chemistry Journey: A Look Across the Periodic Table

Angela K. Wilson
*Department of Chemistry, Michigan State University
President, American Chemical Society*



Greater Houston Section, May 3, 2022

For our first seminar of 2022, we were proud to welcome **Dr. Angela Wilson**, 2022 President of the American Chemical Society and John A. Hannah Distinguished Professor in the Department of Chemistry, Michigan State University. Dr. Wilson walked us through her personal career journey, and highlighted the importance of good networks – both professional and computational – in expanding our knowledge of chemistry and driving personal growth as a scientist. Thanks to Dr. Wilson for sharing her work with us, and to all our seminar attendees!

2022 ACS Leadership Institute, May 20-22, Atlanta, GA

The Greater Houston delegates had an enriching experience at the 2022 ACS Leadership Institute, an annual invitation-only conference where ACS leaders come together to learn both management and leadership skills to enable them to be successful leaders.



Pictured from left to right are **Eme Abu** (Chair), **Tracey Simmons-Willis** (Alt. Councilor), **Safia Mohamed** (Younger Chemist Leadership Development Award recipient), and **Lisa Houston** (Director, District IV).

ACS at Chemists Celebrate Earth Week

The ACS booth had plenty of volunteers from the University of St. Thomas and they did a great job interacting with families during Chemists Celebrate Earth Week. Since the theme this year was Bug Chemistry, we brought awareness to how crickets and superworms help our Earth's environment. For example, superworms can digest plastic and are believed to help possibly reduce pollution in the future! Volunteers also led a mini activity of creating a personal magnifying glass and gave out ACS Earth Day goodie bags which included an ACS 2022 Earth Day booklet, science mood pencil, and stickers. In all, it was a success!



To submit content for the ACS-GHS monthly newsletter, email Erica Lopez at aterlopez2@uh.edu

STAY CONNECTED

