



Save the Date: June 16-19, 2019

<https://norm2019.org>

The Portland Section will host next year's Northwest Regional Meeting (2019), which is the annual regional ACS meeting for the Pacific Northwest. We will have many technical division tracks, symposia and workshops. We are hoping to attract the most exciting academic and industrial science that the Portland area and the Pacific Northwest has to offer. We plan many professional networking events, including the Women Chemists' Luncheon, the Silver Chemists breakfast and a LGBTQ+ Chemists event. The awards banquet will feature the awardees for the E. Ann Nalley Volunteerism Award, the Glenn and Jane Crosby Outstanding Teacher Award and the Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences. The small size of NORM provides an intimate venue for fostering close collaboration and advancement in the chemical sciences. We hope you will join us next year for NORM 2019!

Also in this Newsletter:

- Overview of NORM 2019
- Review of the Silver Chemists tour of Agilyx June 21
- Presentation of Portland Section Chair-Elect candidate for 2019 election
- Review of the June 20 Pitch Event at the Hilton Hotel
- Review of NORM 2018 at PNNL in Richland WA

Portland Section webpage <http://portland-or.sites.acs.org>

Contact [Scott Vanderwerf](#) if you have questions

Portland Section to Sponsor Northwest Regional Meeting (NORM) in 2019



NORM 2019 programming will include tracks on:

- Analytical
- Inorganic
- Organic
- Physical Chemistry
- Computational Chemistry
- Chemistry and Microscopy
- Pre-college education
- And much, much more

NORM workshops will include:

- Finding Your Pathway and Resume Review/ Interview Skills

Planned social events include:

- Women in Science Luncheon
- LGBTQ+ Mixer
- Diversity Happy Hour
- Senior Chemists' Breakfast
- Awards' Banquet

Have an idea for a track, symposia or event? Want to volunteer at NORM 2019? We are in search of division chairs and event coordinators! Please contact the Local Organizing Committee.

General co-chairs: Angela Hoffman (hoffman@up.edu) and Jim Tung (jimtung@gmail.com)

Program committee: Arthur Glasfeld (chair, glasfeld@reed.edu), Warren Ford, H. Irving

Exhibition chair: Bernie Carlsen

Awards chair: Marcie Merritt

Publicity chair: Keri Bishop

Special Events chair: Aida Melendez

Pre-college co-chair: Gina Portillo, Gwen Shusterman

Program book coordinator: Martha Dibblee

Silver Chemists Tour Agilyx Corporation Plastics recycling facility

Twenty Silver Chemists toured Agilyx Corporation's plastic recycling facility in Tigard, OR on June 21, led by Agilyx Project Engineer John Desmarteau Jr. Agilyx recently was mentioned in an article in *Chem & Engineering News* (May 14, 2018 page 13) entitled "Recycling polystyrene" (an [online](#) version May 10, 2018 of the article was entitled "New ventures try again to recycle polystyrene").



Polystyrene food containers

Agilyx Corporation has technology to recycle plastics by two processes. Waste polystyrene (plastic #6) is converted back to styrene suitable for manufacture of rigid plastic and foam. Their new plant



Styrene foam nursery items (photo: Shutterstock)

has capacity for 10 tons per day of waste polystyrene. Previously only poly(ethylene terephthalate) (PETE, #1) and high density polyethylene (HDPE, #2) were

extensively recycled to primary use products.

By their second process mixed plastics are converted to a crude oil suitable for energy production.

Before the price of oil went down 3-4 years ago Agilyx was running the mixed plastics to crude oil process.

Polystyrene containers with recycle icon 6 currently aren't collected by METRO haulers but Agilyx seeks these specific items for feedstock. Individuals can transport these items to the Agilyx site located



Large Styrofoam blocks provide Agilyx feedstock.

at 7904 SW Hunziker Street Tigard, OR 97223. Read more at <https://www.agilyx.com>

Leila Bristow 2019 Chair-Elect candidate



Leila Bristow

The Portland Section Nominating Committee headed by Jim Tung has selected Leila Bristow as its 2019 candidate for Chair-Elect. Ms. Bristow holds an MS in Organic Chemistry from UNC Chapel Hill and a BA in Chemistry and Studio Art from Smith College. Despite earning technical degrees,

upon graduating she entered the exciting world of sales, marketing, and political outreach. She recently worked at TCI America in marketing for 2 ½ years, and has also worked as an Outreach Chemist at Green Leaf Lab and Senior Sales Agent for Green Mountain Energy. Her goal as Chair-Elect will be to leverage her skills as an event organizer and digital marketer to help orchestrate successful, engaging events for ACS Portland. Specifically, she hopes to attract greater participation from some of Portland's powerful emerging industries, including those in semiconductor, sustainability, and cannabis-related technologies.

Pitch Event for Startups at Hilton Hotel

by Scott Vanderwerf

The ACS Portland Section was pleased to join up again with the Chemical Angel Network to showcase some of our region's young and exciting companies to investors and scientists. Eleven companies gave presentations on June 20th at the Downtown Portland Hilton, including eChemion, Liquid Wire, Diatomics, CSD Nano, Puralytics, Pacific Diabetes



Technologies, EcoPro Polymers, Mobius, and Remooble. The pitch event followed the 22nd Annual Green Chemistry & Engineering Conference, and a couple of our out-of-town presenters, Mobius and Remooble, also presented at the conference. This was another successful pitch event co-hosted with the Chemical Angel Network—stay tuned for more in the future!

Review of NORM 2018 at PNNL in Richland WA

Nearly 700 participants at NORM 2018 enjoyed the brand-new Collaboration Center—Discovery Hall at Pacific Northwest National Labs (PNNL) in Richland WA. During the week of June 24-27 NORM 2018 included comprehensive symposia focused on the theme “Powering The Future—Energy, Environment, Education”. Sessions and symposia included topics close to Hanford, its history, chemistry, and future.

Sunday Morning a pre-college teacher workshop provided hands-on chemistry using smartphone technology; Sunday evening's general poster session was concurrent with an ice cream social, vendor fair, and welcome reception.

On Monday there was a special symposium celebrating the 50th year of Project Seed; the day ended with a reception and hike to view nearby landscapes and the sunset. Tuesday morning was the Senior Chemists breakfast followed by a half-day session honoring Jane and Glenn Crosby, benefactors of the ACS Division Of Chemical Education Glenn And Jane Crosby Northwest Region Award for Excellence in High School Teaching, hosted by retired long-time ACS event director John Michael Sophos. Sadly, Jane passed away earlier this year; Glenn is in an adult living facility. The Crosby's son Brian provided a biography of the couple's mentoring efforts throughout many years. Tuesday also was the women chemists luncheon followed in the evening by a wine reception and the Awards Banquet.

Wednesday morning included a special radio-chemistry symposium and two tours, the [B Reactor](#) tour and [LIGO](#) tour.