



**ACS** Local Section  
Portland

AMERICAN CHEMICAL SOCIETY

# Portland Section Newsletter

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October 2023

## Watch Party!

The October 2023 Portland Section meeting will be an online webinar among Puget Sound, Oregon and Portland Sections.

### FLYER

We are promoting watch parties—  
especially for the 4 PM session—for advisors and students—  
and will reimburse for pizza /snacks!

See the [Events Page](#) at our website for watch party details

**Prof. Marilyn Maciewicz**

Oregon State University

will present two talks

**Thursday, October 12**

**4pm Student session: “Steps to Success in Chemistry—an informal discussion on overcoming challenges on your educational pathway.”**

**7pm Public Lecture: “Be a Catalyst for Change: Empowering Cultures of Belonging, Leadership, and Innovation to Solve Convergent Global Challenges in Human Health and the Environment”**

**Registration Required**

**Both the 4 p.m. and 7 p.m. sessions may be joined by Zoom. The Zoom link will be sent to all registered attendees.**

Also in this Newsletter

Celebration of Life for Elaine Nam 3PM Wed. Oct. 4 at Vernier Science Education  
National Chemistry Weekend at OMSI October 21-22

Letter from the Chair-Elect

[Linus Pauling Medal Award Nov. 4 at Pacific Lutheran University](#)

Pictures from San Francisco Fall ACS Meeting ChemLuminary Presentation

Arthur Glasfeld, Chair  
Ken Schriver, Chair-Elect  
Andrew Baggett, Past Chair

Hannah Boxberger, Secretary  
Robin Terjeson, Treasurer  
Andrew Baggett, Councilor

Jim Tung, Councilor  
Kathy Carrigan, Alt. Councilor  
Marcie Merritt, Alt. Councilor

Wilbes Mbiya, Director At Large  
Hannah Boxberger, Webmaster  
Martha Dibblee, Email, Newsletter



## Message from the Acting Chair

Dear members and friends:

Greetings from your 2023 Chair-Elect and now Acting Chair for the remainder of this year. I was your Chair-Elect in 2019, but I left the NW to take a position overseas mid-way through my tenure as Chair in 2020. I returned last year and appreciate your support in electing me again to the leadership cycle of our Local Section. I especially thank our past two Chairs, Andrew Baggett and Arthur Glasfeld, for their past and ongoing contributions to our organization.

I hope you will take advantage of one or more of the many opportunities available this month to network or volunteer, several of which are listed below. For our “regular” monthly meeting on the 12th, we are encouraging our members to participate in one or both Webinars hosted by our friends in the Puget Sound Section. The featured speaker is Prof. Marilyn Mackiewicz of Oregon State University, whom many of you know from her time at Portland State University. If you are an undergraduate or graduate student in chemistry, or you work with students, I encourage you to organize a watch party of four or more at your institution—the Section will reimburse you for your food and drink (e.g., pizza & soda)!

ACS Elections, both national and local, are coming up soon. We still are accepting nominations for chair-elect, councilor, and alternate councilor. Please contact [Jim Tung](#). And please vote!

One of my goals as Chair in 2024 is to hold some of our section meetings in locations convenient to members who live or work outside the Portland city core. I look forward to seeing you at a future meeting, perhaps in Vancouver, Beaverton, or Wilsonville.

—Ken Schriver, Chair-Elect  
Portland Local Section ACS

## Linus Pauling Medal Symposium

This year’s Pauling Medalist is [Professor Laura Gagliardi](#), Richard and Kathy Leventhal Professor, University of Chicago.

The 2023 Pauling Medal will be presented to Professor Gagliardi at the 2023 Pauling Medal Symposium on November 4th, 2023 at the University of Puget Sound, Tacoma, WA. For those attending the Symposium, [registration is required for the Banquet](#).

[Invited speakers](#) include Joachim Sauer (Humboldt University – Berlin); Donald Truhlar (U. of Minnesota – Minneapolis); Omar Yaghi (U. of California – Berkeley); and Medalist Laura Gagliardi (U. of Chicago).

The Award flyer is available [online](#); likewise the [program booklet](#).



## Celebration of Life for Portland Section Member Elaine Nam

We are sad to report that our Section’s former secretary, Elaine Nam, passed away September 12. A Celebration of Life is planned for Wednesday October 4 at Vernier Science Education, 13979 SW Millikan Way, Beaverton, OR 97005 at 3PM.

Elaine earned her B.A. in Chemistry from Pomona College, her M.S. in Chemistry from San Francisco State, and her PhD in Chemistry from the University of Washington.


## OMSI Will Host National Chemistry Weekend Oct. 21-22

National Chemistry Week (NCW) coordinator Dr Beth Morton will be seeking volunteers for the NCW weekend in the upcoming weeks.

Portland Section has partnered with OMSI during NCW for many years. OMSI helps to prepare chemistry demonstrations and Portland Section Members do a “show and tell” for students and parents visiting OMSI. Each year ACS selects a theme and recommends demonstrations. This year’s theme is [The Healing Power of Chemistry](#).

# Portland Section is finalist for Sustainability ChemLuminary Award

Marcie Merritt, Alternate Councilor for Portland Section, received an Innovative Project Grant from ACS Local Sections (LSAC) to show how sustainability works within the State. She worked with Oregon Department of Environmental Quality and the Governor's Office to help implement the Governor's 2050 Sustainability Plan.



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## Portland Section Outstanding Sustainability Activities ChemLuminary Award Nominee

**The Portland Section values education and partnerships by giving people many opportunities to learn chemistry and other sciences with sustainability practices. This goal has been greatly enhanced through ACS DI&R and LSAC Grants.**

**LSAC ACS Grants with Beyond Benign, Oregon DEQ Lab Recycling Program, and Rosemary Anderson High School funded the Exploring Community Based Science Projects:**

- The Grant provided green chemistry training, supplies, and resources to empower educators and Portland's most diverse school system families to bring green chemistry into homes during the pandemic. Through the Boeing Volunteer Match Program, Beyond Benign provided trainings through our "Introduction to Green Chemistry Online" course for two educators in Spring of 2021.
- Rosemary Anderson and Section volunteers held 5 outdoor school summer activities. We also helped them gain some of the equipment they needed to be successful with this project, with used supplies donated from the Oregon Department of Environmental Quality (DEQ). Chemistry Kits were also put together and mailed to families for home schooling.







Photo courtesy of Ray Stover

**The Portland Section Sustainability project started thanks to a LSAC IPG Grant.**

**Collaborating with the Oregon Department of Environmental Quality (DEQ), the Oregon Governor Vision 2050 Sustainability Plan, Public School Systems and Beyond Benign, the Section:**

- Designed a teacher resource for disposal requirements and appropriate waste water streams, now used by the OR DEQ.
- Piloted an on-demand green chemistry training course that incorporated Oregon DEQ's procurement recommendations and shared these resources with the broader Oregon teacher network community.
- Expanded grant program to Washington DEQ for student groups.
- Held a drive through pick up event for teachers during COVID with Oregon DEQ Laboratory Recycling Program with Section volunteers. In person recycled lab equipment and supplies still is ongoing.
- Section volunteers distributed used DEQ lab equipment for free at Oregon Science Teachers Assoc. (OSTA) Conventions.

Materials Management in Oregon




Green Chemistry's Learning Community Database and System - Current 2020-2023

Graphic courtesy of Amand King

**Other ACS Portland Section Activities**

**Passing Medal Award Symposium and Poster Symposium**



The 2022 Award Medal Award event in Eugene, Oregon




Photo courtesy of Angela McQueen

The Portland Section is one of the three ACS sections that hold the Linus Pauling Medal Award Symposium (the other two being the Puget Sound Section and the Oregon Section). In 2022, the Portland Section combined this event with the Poster Symposium, allowing local students and teachers to present their research.








Photo courtesy of Kenneth Baehlinger

**The Portland Section demonstrates its commitment to sustainable partnerships and to active involvement with chemistry by:**

- Providing scholarships to three undergraduates per year, as well as supporting two or more Project SEED students annually.
- Volunteering at OMSI during both National Chemistry Week and at the OMSI ChemLab. Section Volunteers especially love the demonstrations!



3D printing ear savers at the re3d.org NASA Johnson Space Center. The same 3D Printing took place at PDX Hackerspace Boeing Additive Manufacturing, Creatorspace, Maker Force and at many volunteer's homes. With 2,500 pounds of recycled, or shared materials distributed.



Information and photo courtesy of NASA JSC 2019. Really awesome, and cool.

