

Portland Section Meeting Notice

Vol 58 number 9

<http://www.acsportland.org>

October 2019

2019 October 10 Meeting Notice

Citizen Science Watershed Projects in Alaska

a talk presented by

Kay Shoemaker, MSOEE

Retired UAF Assistant Professor, Science and Natural Resources;
Director, Northwest Master Naturalist Program

7:45 PM Thursday October 10, 2019

Reed College Vollum Lounge

3203 SE Woodstock Blvd, Portland, OR 97202

[map](#) (use East Parking Lot; Vollum is number 37 on map)

Dinner Reservations — Dinners are \$20 for early reservation

Dinner reservations FIRM deadline **9 AM Friday Oct. 4**

Please Note: Reed College catering requires reservations one week in advance.

Prices increase to \$25 after the deadline! (including at the door)

Schedule: 6:00 pm social • 6:45 pm buffet dinner • 7:45 talk

Portland Section webpage <http://www.acsportland.org>

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| <ul style="list-style-type: none">• October 10 Portland Section Meeting• Recognition of 25- and 40-year members• Chair's Report: NORM 2019• Undergraduate Poster Expo & Career Fair | <ul style="list-style-type: none">• National Chemistry weekends• Voting• Pauling Medal Symposium |
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Kay Shoemaker: Citizen Science Watershed Projects in Alaska



Kay Shoemaker

Kay Shoemaker is a recently retired Assistant Professor, University of Alaska Fairbanks Cooperative Extension Service, Anchorage District 4-H and Natural Resource Agent. She served the state of Alaska as the lead for the Salmon Watersheds Environmental Education Program, the Schools on Trails Initiative, and as the creator and director of the Alaska Master Naturalist Program.

As the Alaska Director of the Northwest Aquatic and Marine Educator's Association, she wrote curricula for non-formal educators and teachers and did outreach education to remote rural villages across Alaska. Through 4-H Youth Development programs, Kay taught environmental science and literacy applying Reflective Storytelling as a model for place-based and culturally relevant experiential education.

Kay began her outdoor and environmental education career in Mexico, living and teaching with the Quilihua Indian Tribe from 1990-1993 during and after graduating from Linfield College in Portland, Oregon. Her undergraduate Bachelor of Science in Nursing (BSN) focused on transcultural youth health and education practices.

For the next twenty years, she staffed and directed the Northwest Outdoor Science School on the Oregon Coast during the school year, teaching and training staff and volunteers on forest ecology, marine biology, wildlife biology, salmon ecology, estuaries, watersheds, soil science and youth development.

Kay completed her graduate work at Alaska Pacific University in 2014, earning a Master of Science in Outdoor and Environmental Education (MSOEE) while writing a book, entitled: *“Exploring Ecology in Alaska: Reflective Storytelling as a Model for Environmental Education”*.

The Alaska Citizen Science Program is a partnership between members of the public and professional scientists. The program provides opportunities for private citizens to assist wildlife biologists in collecting important data as part of ongoing research projects and conservation planning.

Alaska is a huge state with few scientists and limited funds available to study the many different species of wildlife that live in the state. Local residents help expand scientists' efforts and limited resources.

The Citizen Science Program allows individuals, families, community organizations, and school groups—anyone interested in learning more about our local wildlife—a chance to get involved.

Portland Section Recognizes 25- and 40-year Members

Nine Portland Section members will enjoy a free dinner and will be recognized for their years of service in ACS. There is one 40-year member and eight 25-year members.

40 year member: Mr. Anthony McCartney

25 year members:

Mr. Jose Arno

Ms. Rosa Hemphill

Ms. Bevin Daglen

Dr. Michael Jackson

Dr. Kenneth Dyll

Dr. Martina Ralle

Dr. Rustam Garrey

Dr. Mee Shelley

Chair's Report on NORM 2019

The 2019 Northwest Regional Meeting (NORM) was held at Portland State University June 16-19 with 647 registrants, the largest number at a NORM in the last 20 years.

There were more than 300 oral and poster presentations, many in nontraditional topics. Special talks included the Plenary Sunday afternoon by 2018 ACS



Jim Tung, right, Co-Chair of NORM 2019 with (l to r) Louis Echegoyen, 2019 ACS President-Elect; Bonnie Charpentier, 2019 ACS President, and Lee Latimer, ACS Director-At-Large.

Priestley Medalist Geraldine Richmond and an ACS BMGT BILL talk by 2017 ACS President Allison Campbell Monday evening.

Pre-college teachers participated in three workshops

on Sunday; also featured Sunday were the ACS Science Advocacy Workshop featuring ACS Science Fellow Will Hartwig and the ACS Career Pathways Workshop, featuring ACS Career Consultant Jeff Moore. Monday and Tuesday featured the vendor exposition with 32 commercial and nonprofit vendors.

Among the many social events were breakfasts for Senior Chemists and Undergraduates. Lunches featured Dr. Nancy Williams at the Women Chemists Lunch and Eminent Scientist Wm. Goddard, III. Receptions featured ACS Governance, the ACS BMGT Division, graduate students, historically underrepresented minorities (H.U.M.A.N.), LGBTQ chemists, and former Local Section undergraduate scholarship winners. The Younger Chemists Committee held an informal party at a downtown tavern.

At the concluding awards banquet the E. Ann Nalley Award for Volunteer Service went to Local Section Member Marcie Merritt and the Partners for Progress and Prosperity Award (P3) went to Skip Rung of the Oregon

Nanoscience and Microtechnologies Institute (OMAMI), a member of the Oregon Section.

Attendees learned new science, networked with colleagues throughout the region, and had a good time. They went home with warm feelings about the meeting and about Portland.

NORM succeeded because of lots of hard work by the organizing committee: General Co-chairs Jim Tung and Angela Hoffman; Program Chair Arthur Glasfeld, and major contributions from Ronda Bard, Bernie Carlsen, Kathy Carrigan, Martha Dibblee, Jean Eames, Kyle Lundgren, Marilyn Mackiewicz, Marcie Merritt, Dave Reingold, Irving Rettig, Ken Schriver, and Carl Wamser. In particular Jim Tung took charge of the organization and many of the details of arrangements with PSU and with ACS. I thank these members and many more who made NORM 2019 a resounding success.

Warren Ford
2019 Chair, Portland Section



Highlights from NORM 2019



① *Stories from the Front: Judy Giordan, ecosVC; Anna Brown, Sitka Labs; Jenn Amador, Postdoctoral scholar, Oregon State University and cofounder of nexTC; Nicholas Day, Diatomix; Janet Bryant, President, ACS Northwest Region;* ② *60-year ACS member Jim Peterson with Portland Section Chair Warren Ford;* ③ *60-year ACS member Jeanne Lampi with Portland Section Chair Warren Ford;* ④ *Portland Section Treasurer and Scholarship History Chair Dave Reingold at Scholarship History reception;* ⑤ *ACS Governance (left to right): Lee Latimer, ACS Director at Large; Bonnie Charpentier, 2019 President; John Adams, Board Chair; Luis Echegoyen, 2019 President-Elect; Barbara Sawrey, Director at Large; Paul Jagodzinski, Director, District VI.* ⑥ *Innovation Fair participants: back row, l to r, Jenn Amador, cofounder of nexTC; Tammy Pebley, cofounder of WAG-Able; Bernie Carlsen, NORM 2019 Exhibits Chair; Paula Schiedler, cofounder of WAG-Able; Judith Giordan, ecosVC; Bing Bing Li, OHSU; Lawrence Friedman, ecosVC; front row, l to r, Hannah Pebley and Megan Schiedler, WAG-Able.*

Annual Undergraduate Poster Expo and Career Fair Sunday Oct. 20

The Section's annual Poster Symposium and Career Fair is set for Sunday Oct.20. As in years before Dave Re-



Dave Reingold (right) and three poster presenters (2017)

ingold will moderate the event, which includes free food and beverages. The event is held in the foyer of PSU's SRTC (Science Research & Teaching Center), first & mezzanine levels. The address of SRTC is 1719 SW 10th Ave, Portland, OR 97201.

Past Poster Expos have hosted 25-30 posters. Stand-by times are staggered to provide presenters plenty of time to eat and visit others' posters. Visit the [website](#) for complete information about the Poster Expo. Poster registration is [online](#). Deadline for [registration](#) for the 2019 Poster Expo is **Thursday Oct 10**.

Whether you plan to attend grad school or get a job immediately after graduating, eventually you will be in a position to negotiate with a potential employer. Unfortunately, negotiating skills are rarely taught, either at the undergraduate or graduate level. Here is your chance to learn the secrets of professional negotiating. Before the Poster Symposium, from 3-4 PM, Marilyn Mackiewicz will present her famous and popular workshop in Negotiating Skills. This workshop is open to all students, not just presenters.

National Chemistry Week-ends

The Portland Section's National Chemistry Week (NCW) events are hosted by OMSI. Each year OMSI helps out with technical assistance from the chem lab, for which the Section is grateful. The Portland Section's recent ChemLuminary Award recognizes the Section's efforts in joining with the Oregon Museum of Science and Industry (OMSI) chemistry lab to use many of the activities from the "Explore Science: Let's Do Chemistry" kit that was awarded to the Portland Section and OMSI.



Portland Section's ChemLuminary Award.

Many of the hands-on activities have been incorporated into the regular experiments available for kids and adults in the OMSI ChemLab and also were used during last year's National Chemistry Week. Collaboration between the OMSI ChemLab and the Portland Section has been in effect for more than 15 years. Section members are regular volunteers at the ChemLab and the ChemLab staff have graciously contributed appropriate hands-on activities each year to fit the NCW themes.

Both NCW and the Chemlab focus on citizen science including all ages. OMSI hosts many school group field trips and also works with home schools that need hands-on experiments to supplement what they can provide on their own.

National Chemistry Week is a public awareness campaign that promotes the value of chemistry in everyday life. ACS members and chemistry enthusiasts celebrate NCW by coordinating events and communicating the importance of chemistry.

During 2019's International Year of the Periodic Table, the Portland Section will celebrate NCW during two weekends, October 19-20 and October 26-27, 2019 with the theme, "Marvelous Metals" at OMSI.

Portland Section 2020 Election



Ken Schriver, candidate for 2020 Chair-Elect

The Portland Section's 2020 election is being conducted during October. Deadline for voting is Nov. 1. The majority of Members will receive their election notice via an email from the Section's Go-Daddy server, rather than from the usual email server HigherLogic. Fewer than 10% of Members who do not have email will receive a mailed ballot. The email provides a link to the [candidate bios](#) and the online ballot.



Dave Reingold, candidate for Treasurer

For 2020, the Section will elect both a Chair and Chair-Elect. Other officers include Treasurer, Councilor 1, Alternate Councilor 1, Councilor 2, and Alternate Councilor 2.

The Portland Section has experienced multiple resignations among its elected officers during 2018-19. Warren Ford



Jim Tung, candidate for Councilor 2

stepped in last year to take the Chair position upon resignation of the Chair-Elect; this occurred again in 2019; Marcie Merritt has agreed to be the candidate for 2020 Chair. As a result of these changes, Jim Tung agreed to be the candidate to serve the remaining one year of Warren Ford's Alternate Councilor 2 position. Likewise, Councilor 2



Theresa McCormick, candidate for Alt. Councilor 2

position resigned; it too is being filled by a candidate who will serve for one year. A special election-only list is provided to the Portland Section Secretary by the ACS Secretariat. Only those Members on the Secretariat's list are eligible to vote.

Please vote!



Marcie Merritt, candidate for 2020 Chair



Angela Hoffman, candidate for Councilor 1



Warren Ford, candidate for Alt. Councilor 1



The Linus Pauling Medal is presented to each Awardee by the hosting (Portland, Puget Sound or Oregon) Local Section.

Linus Pauling Medal Award Symposium

The Annual Linus Pauling Medal Award, sponsored by Oregon, Puget Sound, and Portland Sections of ACS will be held in Corvallis OR, Saturday, October 26, 2019 in the Linus Pauling Science Center, 2900 SW Campus Way, Corvallis, OR 97331.

The Pauling Medal Award recognizes outstanding achievement in chemistry and is named after Dr. Linus Pauling, a native of the Pacific Northwest, because of the inspiration of his example.

This year's [Pauling Medal Awardee](#) is [Professor Catherine Murphy](#), Department of Chemistry, University of Illinois. Doors open for the symposium at 12:30pm and the Welcome and Symposium begin at 1:00 PM, concluding at 5:00 PM, followed by a Reception and Banquet at 6:00 PM. The Banquet (Limited Ticket Event) requires [registration](#). A limited number of banquet tickets are provided on a first-come-first-served basis for no cost.

Symposium supporting speakers include Dr. Staci L. Simonich, Professor and Assistant Department Head in Environmental and Molecular Toxicology at Oregon State University; David Ginger, Professor, University of Washington; and Brandi Cossairt, Professor, University of Washington.

Lodging is available at the [Hilton Garden Inn](#) on the OSU campus; parking on the OSU Campus is open on weekends.



Councilor Marcie Merritt, right, candidate for 2020 Chair, is a member of Chemists with Disabilities, which met in Washington DC May 4, 2019.