

## Allison A. Campbell, Ph.D.

2017 President, American Chemical Society

*presents a talk entitled*

**Advice to my younger self: What I wish I would  
have known back then**

**Thurs. May 11**

**Reed College Vollum Lounge  
3203 SE Woodstock Blvd, Portland, OR 97202**

map [https://www.reed.edu/facilities\\_services/downloads/MapPrintColor.pdf](https://www.reed.edu/facilities_services/downloads/MapPrintColor.pdf)

[Dinner reservations](#)

**Schedule: 6:00 pm social; 6:45 pm buffet dinner; 7:45 pm talk**

**Also included in the May 11 meeting**

Contact [Jean Eames](#) if you have questions



## Allison A. Campbell, PhD, 2017 President, American Chemical Society

Allison Campbell is the Associate Laboratory Director for Earth and Biological Sciences at PNNL. In this role, she sets the vision and strategy for PNNL's research in support of DOE's Office of Biological and Environmental Research (BER) and National Institutes of Health. Prior to this role, she served for more than 10 years as Director of EMSL, the Environmental Molecular Sciences Laboratory, a DOE Office of Science User Facility sponsored by BER and located at PNNL. As EMSL director, she managed the rapid deployment of more than 30 new instruments funded with \$60 million from the American Recovery and Reinvestment Act; directed development of RadEMSL, a specialized facility designed to accelerate actinide chemistry studies; and oversaw construction of a Quiet Wing that houses a unique suite of high-resolution, advanced microscopes in EMSL.

As a researcher herself, Allison is nationally recognized for individual contributions in materials development through her research in biomaterials. She is credited with co-inventing a bio-inspired process to "grow" a bioactive calcium phosphate layer, from the molecular level, onto the surfaces of artificial joint implants for hips and knees; these implants now have extended lives and are less likely to be rejected by the body. Allison also is recognized for her work in understanding the role of proteins in biomineralization.

Allison was elected the 2016 American Chemical Society president-elect. She will serve as president of the society in 2017 and immediate past-president in 2018; she also will serve on the board of directors during that time. She was elected Fellow of the American Association for the Advancement of Science in 2013, and has testified before the House of Representatives Committee on Science and Technology regarding the value of research at DOE labs.

Allison earned her PhD in physical chemistry from State University of New York at Buffalo and a BS in chemistry from Gettysburg College in Pennsylvania.

## Abstract: Advice to my younger self: What I wish I would have known back then

A career in science can be both highly rewarding and highly challenging—often at the same time. Rewards include participating in scientific discoveries, new innovations, advancement of scientific knowledge, mentoring, collaborating, and being a part of something bigger than yourself. Challenges include maintaining a quality work life balance, workforce trends, and professional biases. Navigating the challenges can be difficult and frustrating but the payoff can be an incredibly rewarding career in science. I will discuss my personal experiences, rewards from science, lessons learned, observations, and general philosophy based upon my 26 year career.



photo: ©MCK Dibblee

## Portland Section to host Pauling Medal Symposium

A call for nominations has been [announced](#), closing May 1, 2017. The Pauling Medal Symposium will be held at PSU in the fall, usually October or November. The Pauling Medal Award recognizes outstanding achievement in chemistry and is presented annually by the Puget Sound, Oregon, and Portland Sections of the ACS. The award is named after Dr. Linus Pauling, a native of the Pacific Northwest, because of the inspiration of his example.

Scheduled events for Portland Section Members NORM 2017 June 25-28, 2017, Oregon Section hosts at Oregon State University LaSells Stewart Center, 875 SW 26th St, Corvallis, Oregon (<http://www.norm2017.org>)

ACS National Meeting Washington DC August 20-24, 2017 <https://www.acs.org/content/acs/en/meetings/fall-2017.html>

Undergraduate Poster Symposium and Career Fair Oct. 29 (or thereabouts) <https://sites.google.com/site/portlandacsposters/home>

National Chemistry Week October 22 –28 (week-ends of Oct. 21-22 and Oct. 28-29 at OMSI; contact [hoffman@up.edu](mailto:hoffman@up.edu) or [dibblee@hevanet.com](mailto:dibblee@hevanet.com)

# Earth Day Celebration Events

## ACS Members get involved in Boeing Earth Day events!

Boeing employees and 25 ACS members and friends participated in the Wilkes Headwaters Earth Day Event Saturday April 22nd. Wilkes Creek runs directly into the Columbia Slough. This event helped restore this valuable headwaters habitat. Restoration efforts preserve the health and water quality of the Slough. Volunteers planted native plants, spread mulch and removed invasive species along the Columbia Slough.

Another event was the Boeing Earth Day spring cleaning with opportunities to volunteer with members of REACH. Boeing and ACS volunteers helped participants drop off household hazardous waste, auto and light truck tires, documents for shredding and Give from the Sole-



Photo Bill Baghdanov

used sneaker collection.

## Portland Section Visit to Hatfield Marine Science Center, Newport

Portland Section Chair Jean Eames arranged three tours for Members during the April 8 tour of the Hatfield Marine Science Center. Attendee Bernie Carlsen wrote: "That was a most informative tour in Newport on Saturday. Dr. Michael

Banks' labs had cutting edge analytical machines. I was very impressed to see the inner workings of those hair-thin columns and to see the next generation of micro sized columns and laser analyzers. The entire Hatfield Marine Science Center (HMSC) staff, volunteers, and OSU faculty and grad students were ready and well prepared for us and the mobs of smart people who filled those labs all day."

"The tour of the NOAA ship Fairweather was also quite informative and the officer in charge was very patient and candid in



Photo Jean Eames

# Earth Day Celebration Events



Photo Jean Eames

answering everyone's questions. Great tour! I will take my family there for that Marine Science Day next year."

## Portland Section Special Awards at Intel Northwest Science Expo

Two outstanding students each were awarded a certificate and cash award of \$250 at the Award Ceremony Saturday evening after the Intel Northwest Science Expo.

The Portland Section Special Award, which is awarded to a single high school senior chemistry exhibitor, was Sharanya Suresh from Westview High School. Her project was entitled *The Novel Role of gC1qR in Lymphoproliferative Disorder Associated Angioedema*. The second Portland Section Special Award during Intel NWSE, the Portland Section Portland Industrial Chemists Association (PICA) award went to Nichakan Khuichad of Oregon Episcopal School whose project was *Absorption of Copper(II) ion by using Magnetic Nanoparticles coated with Saccharic Acid*. The ACS/PICA award recognizes an Outstanding Applied or Practical Chemistry project from a single exhibitor (i.e., not a group). Both students have been invited to the May 11 meeting to show their projects during the social before dinner.



Photo Jean Eames

## Portland Section Members Recognized for Fifty and Sixty Years of Service in the Society

Seven fifty-year members will be recognized during the May 11 dinner meeting; one 60-year member will be recognized. Service awardees will receive a Certificate from the Society recognizing years of service. Members and a guest also enjoy a free dinner.

Fifty-year members include

- Mr. Stephan Abramson
- Mr. James Anderson
- Mr. Brent Barrett
- Mr. John Briggs
- Dr. John Cooper
- Dr. James Duncan
- Mr. Roy Tulee

The single sixty-year member to be recognized is Mr. Merrill Hugo.

Congratulations to these eight members!