

# THE CHEMIST

50/60/70 Year Member Award Dinner

*The Puget Sound Chemist*

Volume 79 No. 9 - September 2018

**Acknowledging Committed Members**

**50/60/70 Year Member Award Dinner – Sept 8<sup>th</sup>, 2018**



**Newsletter of the Puget Sound Section  
of the American Chemical Society**

# From the Editor



## THE PUGET SOUND CHEMIST

Newsletter of the  
Puget Sound Section  
of the  
American Chemical Society

American Chemical Society Website

<http://acs.org>

Puget Sound Section Website

<http://pugetsound.sites.acs.org>

Please address general email  
correspondence to:

[info@pugetsound.sites.acs.org](mailto:info@pugetsound.sites.acs.org)

### Fall is just around the corner!

The 50/60/70 Year Member Award Dinner is an annual social event to celebrate the ACS members who have been members for 50 or 60 or 70 years. Please RSVP by Sept 2<sup>nd</sup>, 2018 to Carole Berg. Please see details on page 4 or visit our website for more information.

The Executive Committee meets again this month (Sept 10<sup>th</sup>, 2018). All ACS members and their esteemed guests are welcome to sit in on the meetings. Please be sure to let us know ahead of time that you are coming so that we can keep an eye out for you. The room that we meet in is just a little bit difficult to locate if you haven't been there before.

The call for nominations window for the 2018 ACS Puget Sound Section elections closed at the end of day, August 31<sup>st</sup>, 2018. If you have any questions about the elections or wish to get involved in your local section activities please let us know. There are multiple ways to get ahold of us including emailing us at [elections@pugetsound.sites.acs.org](mailto:elections@pugetsound.sites.acs.org) (for elections related topics) or [info@pugetsound.sites.acs.org](mailto:info@pugetsound.sites.acs.org) (for just about anything). We can also be reached electronically by filling out a contact form on the website (<https://pugetsound.sites.acs.org/contact.htm>).

Cheers!



*Jonathan Clark*

Newsletter Editor

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# Calendar – September 2018

Calendar of Events - <http://pugetsound.sites.acs.org/calendar.htm>

## **10 September 2018 – Executive Committee Meeting**

Time: 7:00pm

Location: North Seattle Community College - 9600 College Way N, Seattle WA 98103  
Room 2328C - South end of the 2<sup>nd</sup> floor of the Instruction Building (IB)  
Campus Map: <https://northseattle.edu/locator>

## **8 September 2018 – 50/60/70 Year Member Award Dinner**

Time: 5:30pm – 9:00pm

Location: Renton Technical College Culinary School, Culinaire Rm. Building I, P7, 3000 NE 4th St.,  
Renton, WA 98056

***Puget Sound Section***

# News Briefs

## **You Are Invited: 50/60/70 Year ACS Member Award Banquet**

The banquet will be held on Saturday evening, September 8<sup>th</sup>, 2018 in the Culinaire Room at the Roberts Campus Center at Renton Technical College. Drinks and introductions will begin at 5:30pm and dinner will follow at 6:30pm. The award presentations will be after dinner.

### **RSVP/registration/payment details and other event information:**

Saturday, September 8, 2018, 5:30-9:00 p.m.

No-host Social 5:30-6:10 pm

Buffet Dinner 6:10-7:30 p.m. \$35.00\*

Awards 7:30-9:00 pm

Sponsored by the ACS Puget Sound Section

\*Great Opportunity: Special rate for undergraduate and graduate chemistry students: \$20.00/person for the first 20 students who send their payment early!!

Renton Technical College Culinary School, Culinaire Rm.

Building I, P7, 3000 NE 4th St., Renton, WA 98056

RSVP by September 2nd: [cberg@bellevuecollege.edu](mailto:cberg@bellevuecollege.edu) or Phone: 425-226-0690

Send checks to: Carole Berg, Bellevue College L-200  
3000 Landerholm Circle SE, Bellevue, Washington 98007  
or use Paypal at our [Web Store](#)

# News Briefs

## 2018 Elections for ACS Puget Sound Section Executive Offices

### **Nominations and Elections Tentative Timeline**

Call for nominations	April 1 <sup>st</sup> – August 31 <sup>st</sup>
Voting (mail and online)	~October 15 <sup>th</sup> – November 4 <sup>th</sup>
Election Validated	By November 12 <sup>th</sup>

### **Nominating Committee**

Karen Goodwin, Nominations Committee Chair  
Greg Milligan  
David Munch  
David Patrick

### **Questions?**

Send any questions via email to: [elections@pugetsound.sites.acs.org](mailto:elections@pugetsound.sites.acs.org)

## National Chemistry Week

National Chemistry Week Coordinator, Roxi Hulet Smith, was awarded an “Explore Science: Let’s Do Chemistry!” kit from the NSF-funded NISE Network. The kit contains materials for students to complete nine different experiments connected to this year’s National Chemistry Week theme, including launching small rockets and building a battery. The kit will be used this fall to support the annual NCW partnership between Skagit Valley College, LaVenture Middle School, and Mount Baker Middle School in Mount Vernon. Information about the Explore Science kit can be found at their website:

<http://www.nisenet.org/chemistry-kit>

# News Briefs

## 2018 Pauling Medal Award Winner – Press Release

### 2018 Linus Pauling Medal Award Winner

The American Chemical Society (ACS) Oregon, Portland, and Puget Sound Sections have named Dr. Geraldine Richmond, Presidential Chair in Science and Professor of Chemistry at the University of Oregon, the 2018 recipient of the Linus Pauling Medal Award. Dr. Richmond has made fundamental discoveries of interactions at oil-water and air-water interfaces which produced observations of how environmentally and biologically important molecules adsorb and orient at liquid surfaces. The significance of this research has become apparent in the aftermath of the Deepwater Horizon oil spill in 2010 as such fundamental research can lead to new products (e.g., oil dispersants) that are more effective or more environmentally friendly than those available today.

As described by her colleagues “Dr. Richmond is the embodiment of what we revere in the life of Linus Pauling: an exceptional chemist whose impact went beyond the science to include his extraordinary humanitarian efforts for peace and social justice around the world.” Dr. Richmond has “has done it all – an outstanding researcher, a devoted educator, and an amazing mentor.”

Dr. Richmond’s contributions have been recognized with numerous awards including the 2018 Priestley Medal, the 2013 National Medal of Science awarded by President Obama, the 2013 Charles L. Parsons Award, the 2013 Davison Germer Prize for Atomic and Surface Physics from the American Physical Society, and the 2011 Joel H. Hildebrand Award in the Theoretical and Experimental Studies of Liquids. Her scientific leadership positions include Presidential appointment to the National Science Board, President of the American Association for the Advancement of Science (AAAS), U.S. Science Envoy for the Lower Mekong River Countries, and the founding of COACH which works to increase the scientific success and leadership capacity of women scientists and engineers in the U.S. and in developing countries. More information on Dr. Richmond can be found at <http://richmondscience.uoregon.edu/>.

The Linus Pauling Medal has been awarded annually since 1966 by the Oregon, Portland, and Puget Sound Sections of the American Chemical Society in recognition of outstanding achievement in chemistry comparable to that of its namesake and initial awardee, Dr. Linus Pauling. A native of the Pacific Northwest, Dr. Linus Pauling is noted as being the only person to whom two undivided Nobel Prizes have been awarded: Chemistry (1954) and the Peace Prize (1962). Over a third of the Linus Pauling Medal recipients have also won the Priestley Medal, which is the highest honor given by the American Chemical Society and typically recognizes a lifetime of achievement. Likewise, over half of the Linus Pauling Medal roster has received the National Medal of Science – the highest award that a scientist can receive from the United States government – and more than a quarter are Nobel laureates.

The Linus Pauling Medal Award Symposium and Awards Banquet will be held on Saturday, November 17, 2018 at the University of Washington Bothell. More information and event registration may be found at <https://www.uwb.edu/physical-sciences/2018-pauling-medal>.



# News Briefs

## OSHA Toolkit and Training

### **In Person Trainings: Transitioning to Safer Chemicals**

This 1.5 day course will provide participants with hands-on experience and information about the process for transitioning to safer chemicals, as well as the key methods, tools, and databases that can assist in this process. More specifically, the course will guide participants through OSHA's seven-step substitution planning process for understanding and evaluating chemical use, identifying and assessing alternatives, and implementing those alternatives. Presented by OSHA and University of Washington.

September 5<sup>th</sup> - 6<sup>th</sup>, 2018 in Seattle, WA - [Registration Link](#)



# News Briefs

## Awards and Scholarships Info

The ACS Puget Sound Section Education Committee offers the following awards and scholarships:

- **2-year and 4-year college student scholarships, \$1500.**  
The application deadline for 2018 was March 15.
- **High School Teacher of the Year Award, \$250.**  
The application deadline for 2018 was April 30.
- **ACS Student Affiliate Chapter Grants for activities and/or travel, up to \$400.**  
Applications are accepted until funds are spent.
- **K-12 Educator Grants, up to \$500.**  
Applications are accepted until funds are spent.

For more details and applications, visit our page at  
<http://pugetsound.sites.acs.org/scholarshipsandawards.htm>

The committee welcomes new members! Please contact us if you are interested in joining. Our email address is: [educationcommittee@pugetsound.sites.acs.org](mailto:educationcommittee@pugetsound.sites.acs.org)

Our current committee members are: Leonard Andrews, Sailaja Arungundram, Clarita Bhat, Gwen Gross, Jennie Mayer (Chair), David Munch, Despina Strong, Alicia Taylor, Lauren Wugalter, Amar Yahiaoui and Kirby Zornes

# News Briefs

## ACS Career Resources

<https://www.acs.org/content/acs/en/careers.html>

Many opportunities and career resources are available on the ACS website for ACS members! Check them out!



## 2018 Heroes of Chemistry Award

[Heroes of Chemistry](#) is an annual award sponsored by the American Chemical Society that recognizes talented industrial chemical scientists whose work has led to the development of successful commercialized products ingrained with chemistry for the benefit of humankind.

Nominations for the 2018 Heroes of Chemistry Award are now closed. The deadline for the 2018 applications was March 1<sup>st</sup>, 2018.

For more information on the application process, please visit the [Nominations Procedures](#) page or email [chemhero@acs.org](mailto:chemhero@acs.org).



## ACS Webinars

Hundreds of webinars presented by subject matter experts in the chemical enterprise. LIVE every Thursday at 11am PST (2pm ET)!



# Science Cafés & Lectures

► These Science Cafés & Lectures are free and are open to all ages. ◀

## **Science in the City - Lectures by the Pacific Science Center**

The Pacific Science Center organizes an excellent Science Lecture series. Please take a look:

<https://www.pacificsciencecenter.org/lectures>

## **Science on Tap**

Science on Tap is another science café that meets in Seattle, WA. Information regarding the next Science on Tap event can be found on their website: <http://www.scienceontap.org>

# Younger Chemists Committee

## YCC Questionnaire

Dear YCC,

The YCC is attempting to increase member involvement. In order to achieve this, we would appreciate it if members were to complete the three question survey included in the following link:

<https://www.surveymonkey.com/r/2VMVV9C>

Michael  
YCC Chair



# Mark Your Calendar

## 2018 Pauling Medal Award Winner Chosen

**This year's award winner is Dr. Geraldine Richmond of the University of Oregon. The Pauling Award Symposium is set for November 17th, 2018 at the University of Washington Bothell.**

The Linus Pauling Medal Award is sponsored jointly by the Portland, Puget Sound, and Oregon sections of the American Chemical Society, and is presented annually in recognition of outstanding achievement in chemistry in the spirit of, and in honor of, Linus Pauling, a native of the Pacific Northwest. A nominee shall have made outstanding contributions to chemistry of a character that merit national and international recognition, however the award will not be given for work for which the nominee has already received a Nobel Prize. Scientists of all nationalities are eligible for this award. According to Pauling's express wish, it is preferred that the award honor younger scientists whenever possible. The Medal will be presented at the 2018 Linus Pauling Medal Award Symposium to be held this fall at University of Washington Bothell.

For further information, please visit the 2018 Linus Pauling Medal Award website at:

<http://www.uwb.edu/physical-sciences/2018-pauling-medal>



# Mark Your Calendar

## Save the Date – Dr. Mark Wicholas Symposium

### *A Celebration of* **LEGACY**



#### **DR. MARK WICHOLAS**

1940-2017

**Kindly Save the Dates:  
October 5 & 6, 2018**

*We will be holding a symposium at Western this fall to celebrate Mark's legacy. Details to follow in August.*

Dr. Mark Wicholas joined the WWU Chemistry Department in 1967 and served as Department Chair from 1982 to 2007. Dr. Wicholas died on November 20, 2017.

Throughout his career, Dr. Wicholas served as a mentor to students interested in research and published several papers with them. In his words, *"The one-on-one mentoring of students in research is the most important thing we can do in preparing them for future careers in science."*



# Mark Your Calendar

## **2019 Undergraduate Research Symposium**

The 2019 Undergraduate Research Symposium is planned to be held at the University of Puget Sound on Saturday, April 27th, 2019.

# Careers

## Job Openings

Visit our [web page](#) for current job opportunities.

### [Chemistry Instructor - Tenure Track \(Green River College\)](#)

Deadlines: See job posting

Location: Auburn, WA

ACS PSS Posting Date: 08/31/2018

Brief Description: Green River College has a tenure track chemistry instructor position open with a starting date of Winter Quarter 2019. The closing date is September 30, 2018. This is a full-time, tenure track faculty position beginning January 2019, and continuing with annual nine-month contracts. The Science Division at Green River College seeks an instructor to teach general, introductory, and/or organic chemistry classes for science majors, allied health/nursing majors, and non-science majors. The Division seeks innovative and creative faculty who are committed to the spirit of active/student-centered learning and who demonstrate this practice in the classroom. The Division encourages collaboration with colleagues to promote student success. Please see the announcement at:

<https://www.governmentjobs.com/careers/greenriveredu/index/jobs/2181365/chemistry-instructor-tenure-track>

View PDF of Job Posting: N/A

### [Chemistry/Science Education TT Faculty Position \(Western Washington University\)](#)

Deadlines: 09/17/2018

Location: Bellingham, WA

ACS PSS Posting Date: 07/27/2018

Brief Description: Applications are invited for one tenure track position at the assistant or associate professor levels in chemistry with a specialization in science education. This will be a joint appointment between the chemistry department and the Science, Math and Technology Education (SMATE) program at Western Washington University (WWU) in Bellingham, WA, beginning September 2019. The chemistry department and SMATE program are committed to WWU's goal of recruiting and retaining diverse faculty, and welcome applications from diverse candidates. The ideal candidate will enhance our existing strengths in education and research by teaching chemistry and teacher preparation courses as well as leading an active research program in science education. A Ph.D. by hire date is required. Please see the full position announcement for all required and preferred qualifications and to apply:

<http://employment.wwu.edu/cw/en-us/job/495871/>. Inquiries may be addressed to Prof. Emily Borda at (360) 650-3135 or [bordae@wwu.edu](mailto:bordae@wwu.edu). WWU is an AA/EO employer. For disability accommodation call (360) 650-3774. Review of applications begins September 17, 2018; position open until filled.

View PDF of Job Posting: N/A



# Careers

## Job Openings

Visit our [web page](#) for current job opportunities.

### [Science Lab Manager \(Bellevue College\)](#)

Deadlines: 08/10/2018

Location: Bellevue, WA

ACS PSS Posting Date: 07/27/2018

Brief Description: Bellevue College is seeking a Science Lab Manager, who plans, develops, manages, implements and reviews the scientific instructional support for science programs. Duties include supervising scientific instruction support staff, managing equipment/supplies and equipment budgets, overseeing health and safety expectations, and providing professional and technical support for Science Division classes, initiatives and outreach in multiple disciplines. The Science Lab Manager reports to the Science Division Dean.

View PDF of Job Posting: N/A

## Internships

King County Internships - <http://www.kingcounty.gov/audience/employees/careers/jobs.aspx>

Washington Conservation Corps - <http://www.ecy.wa.gov/wcc/index.html>

Ecology Youth Corps - <http://www.ecy.wa.gov/programs/swfa/eyc/index.html>

## ACS Job and Career Resources

ACS Career Navigator - <http://www.acs.org/content/acs/en/careers.html>

National ACS Job Postings - <http://chemistryjobs.acs.org/jobs>

ACS Puget Sound Job Page – <http://pugetsound.sites.acs.org/jobsandcareerresources.htm>

# Roster

<b>ACS Puget Sound - Executive Committee</b>	
Chair	Leonard J. Andrews
Chair Elect	Vacant
Past Chair	Karen Goodwin
Secretary	Michael Meechan
Treasurer	David Munch
Newsletter Editor	Jonathan Clark
Councilor - Position 1 (2020)	David Patrick
Councilor - Position 2 (2018)	Gregory Milligan
Councilor - Position 3 (2019)	Craig Fryhle
Councilor - Position 4 (2020)	Dharshi Bopegedera
Councilor - Position 5 (2018)	Despina Strong
Alternate Councilor - Position 1 (2020)	Gwen Gross
Alternate Councilor - Position 2 (2018)	Amar Yahiaoui
Alternate Councilor - Position 3 (2019)	Carole Berg
Alternate Councilor - Position 4 (2020)	Charity Lovitt
Alternate Councilor - Position 5 (2018)	Natalie Merrill

<b>Other Outstanding Volunteers</b>	
Awards Committee Chair	TBA
Career Event Committee Chair	Dharshi Bopegedera
Communications Committee Chair	Jonathan Clark
Earth Day Committee Chair	Karen Goodwin
Education Committee Chair	Jennie Mayer
Finance Committee Chair	David Munch
Hospitality Committee Chair	Carole Berg
Pauling Medal Symposium Committee Chair	Charity Lovitt
Long Range Planning Committee Chair	Vacant
National Chemistry Week Committee Chair	Roxanne Hulet
Nominating Committee Chair	Karen Goodwin
Program Committee Chairs	Leonard Andrews
Public Relations Committee Chair	Craig Fryhle
Safety Committee	Natalie Merrill
Senior Chemists Committee	Despina Strong
Sustainability Committee Chair	Natalie Merrill
Undergraduate Research Symposium Committee Chair	Neal Yakelis
Webmaster	Jonathan Clark
Women Chemists Committee Chair	Despina Strong
Younger Chemists Committee Chair	Michael Meechan



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