

# THE CHEMIST

Spring ACS National Meeting

*The Puget Sound Chemist*

Volume 79 No. 3 - March 2018

**255<sup>th</sup> ACS National Meeting & Exposition**

**March 18<sup>th</sup> – 22<sup>nd</sup>, 2018 – New Orleans, Louisiana**



**ACS**  
Chemistry for Life®

**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)

### March 2018! Bring it on!

The 255<sup>th</sup> ACS National Meeting and Exposition will take place in New Orleans, Louisiana from March 18<sup>th</sup> through March 22<sup>nd</sup>, 2018.

The ACS Puget Sound Section offers a number of scholarships, grants and awards. Read the summary on [page 6](#) and visit the [Scholarships and Awards web page](#) to get more info and to access the application forms.

Read about the 2018 Chemistry Olympiad on [page 5](#).

The Central Sound Regional Science and Engineering Fair will be on March 10<sup>th</sup>, 2018 in the Bellevue College Gymnasium. Details about the fair are available here: <https://centralsound.stemwizard.com>

Dr. Dharshi Bopegedera wrote a report on the January Career Event. Read it and check out a couple photos on [page 7](#).

Mark your calendars! The 2018 Undergraduate Research Symposium will be hosted on Saturday April 28<sup>th</sup>, 2018 by The Evergreen State University. Registration is now open. The registration and abstract submission deadlines are April 10<sup>th</sup>, 2018. More info on [page 13](#) and on the [website](#).

NORM 2018 (Northwest Regional Meeting) will be held June 24<sup>th</sup> - 27<sup>th</sup>, 2018 at the Pacific Northwest National Laboratories in Richland, WA. More info on the [NORM2018 website](#).

Nominations are now being accepted for the 2018 Linus Pauling Medal Award. For information on submitting a nomination please visit the [2018 Linus Pauling Medal Award website](#). Nominations close May 1st, 2018 at 5:00 pm PST.



*Jonathan Clark*

Newsletter Editor

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# Calendar – March 2018

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

## **12 March 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>

## **18-22 March 2018 – 255th ACS National Meeting & Exposition**

Location: New Orleans, Louisiana

**Puget Sound Section**

# News Briefs

## 2018 Pauling Medal Award Symposium

Nominations are now being accepted for the 2018 Linus Pauling Medal Award. The 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.

For information on submitting a nomination please visit the 2018 Linus Pauling Medal Award website at:

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

**Nominations close May 1st, 2018 at 5:00 pm PST.**

Nominations from previous years will be automatically carried over for two years, after which new nominations will be required. Updating past nomination files is strongly encouraged.

The Medal will be presented at the 2018 Linus Pauling Medal Award Symposium to be held this fall at University of Washington, Bothell campus. Symposium event details will be announced after the winner is selected.



# News Briefs

## 2018 Chemistry Olympiad

High school teachers and students are invited to participate in the 2018 U.S. National Chemistry Olympiad (USNCO) competition. This program is a multi-tiered competition that promotes excellence in high school chemistry.

Local qualifying competitions will be organized by ACS Local Sections in March 2018, to select nominees to sit for the National Exam April 17-23, 2018. Four students will represent the U.S. at the 50th International Chemistry Olympiad, which will be held jointly in Bratislava, Slovakia, and Prague, Czech Republic, July 19-29, 2018.

### **The 2018 Local Examination will take place at:**

Bellevue College - Saturday, March 17th, 2018 9:00am-11:00am

Shoreline Community College - Saturday, March 17th, 2018 9:00am-11:00am

Centralia College - Saturday, March 17th, 2018 (10:00am)

For registration and details (such as room numbers) please contact Dr. Clarita Bhat ([cbhat@shoreline.edu](mailto:cbhat@shoreline.edu)).

ACS PSS Chemistry Olympiad info is posted here: <http://pugetsound.sites.acs.org/chemistryolympiad.htm>

More information on dates, details, past exams and requirements are found on the ACS website: [www.acs.org/olympiad](http://www.acs.org/olympiad)



## Central Sound Regional Science and Engineering Fair

When: March 10<sup>th</sup>, 2018

Where: Bellevue College Gymnasium

RSVP to [jenn.pang@bellevuecollege.edu](mailto:jenn.pang@bellevuecollege.edu)

Details: <https://centralsound.stemwizard.com>

# News Briefs

## Awards and Scholarships Available!

The ACS Puget Sound Section Education Committee announces the following awards and scholarships for 2018:

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

## Safety Committee

**New Safety Committee 2018 - now active in our Puget Sound ACS Section**

Chair: Natalie Merrill, ACS Alternate Councilor and Safety Committee Chair  
[Natalie.Merrill@outlook.com](mailto:Natalie.Merrill@outlook.com), [namerrill@gmail.com](mailto:namerrill@gmail.com)

Our new Puget Sound Safety committee is modeled after our National ACS Committee on Chemical Safety, to promote safety through education and best practices in Academia and Industry. Please reach out to us if you would like to participate, if you may have interest in partnering with us, or if you have safety interests or potential needs. For safety resources for all chemical activities, please see the ACS weblink below.

[https://www.acs.org/content/acs/en/chemical-safety.html?cid=home\\_trending](https://www.acs.org/content/acs/en/chemical-safety.html?cid=home_trending)

For a publication outlining safety information new hires should be expected to know, please see "Employer's safety expectations for new hires" at the ACS Chemical Safety Committee website below, as well as many other safety references and publications for ACS members.

<https://www.acs.org/content/acs/en/about/governance/committees/chemicalsafety/safetypractices.html>

We look forward to tailoring the activities of our Puget Sound Safety Committee to the needs of our members, so please don't hesitate to reach out with your input, by emailing the chair at the contact email(s) given above.

# News Briefs

## 2018 Career Event Report

A report on the 14th annual Career Event of the Puget Sound Section of the ACS

Written by Dr. Dharshi Bopegedera

It was exciting to see 82 undergraduate students, their faculty, and members of the ACS Puget Sound Section Executive Committee representing six different colleges, community colleges, and universities at the 14th Annual Career Event on January 31, 2018. The hosting institution, The Tacoma Center for Urban Waters



### Keynote Address

Laboratory is located at a former superfund site by the Thea Foss Waterway. Visitors to this laboratory can now enjoy beautiful views of the mountains in addition to a clean waterway within a very industrial setting; a testament to the men and women who continue to dedicate themselves to clean up this formerly polluted site.

The keynote speaker, Dr. Ed Kolodziej (Associate Professor, UW Tacoma, Interdisciplinary Arts and Sciences and Civil and Environmental Engineering, UW Seattle) gave a talk on "Chemistry and the environment: why Puget Sound needs clean water" with an emphasis on the kinds of pollutants that are found in the Puget Sound waterways and their impacts on wild life.

Students toured the laboratory facilities to get a closer look at the analytical instruments, personnel, and the research projects at this facility. The tour enabled students to ask questions from the laboratory staff first-hand, and learn about the education and training that is required to work at this laboratory.

*[Continued on next page...]*



# News Briefs

## 2018 Career Event Report [continued]

The panel discussion, always a favorite of the participants, was staffed by members of the Tacoma Center for Urban Waters and moderated by Stuart Magoon, the Assistant Division Manager of the Science and Engineering Division. Panelists Bonnie McLeod, Kathy Peter, Alex Gipe, Nicole Riley, Mark Bozlee, Scott Redman, and Karen Bartlett spanned a wide range of educational and experience levels. They were eager to share their education and career aspirations and goals with our students and answered many questions raised by the audience.



**Laboratory Tours**

Due to generous donations from Thermo Fisher Scientific, the Puget Sound Section of ACS, Despina Strong, and Dharshi Bopegedera, we raffled off many useful items such as a CRC Handbook of Chemistry and Physics, molecular model kits, book bags, books, and a periodic table blanket. We provided snacks and juice

treats to our participants and acknowledged our presenters and volunteers with thank you cards and small gifts. The event concluded with written evaluations that indicated positive responses from participants including their eagerness to participate in future ACS events!

The ACS Puget Sound Section is very grateful to the Tacoma Center for Urban Waters for hosting this event on their site. We owe a debt of gratitude to Stuart Magoon, our primary contact at the hosting facility, for supporting this event with the generous donation of his time and effort. Thank you Stuart!

A special thank you to the faculty who encouraged (and in some cases escorted) their students to attend this event. We also acknowledge with gratitude the efforts of our photographers, Natalie Merrill and Sheri Tonn. We were thrilled to see the student participants networking with fellow students, faculty, and the facility staff and we hope they learned much from this experience.

# 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 being accepted.

**Deadline for 2018 Applications: March 1, 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 Networking Opportunities

Dear YCC,

On April 18th, 2018 ACS will host a joint panel event with Seattle AWIS.  
More details to come on panelists and theme.

Event time and location are the following:

6:00 PM – Networking and Refreshment

6:30 PM – Introductions, Program

7:45 PM – Networking and Dessert

Fred Hutchinson Cancer Research Center  
Pelton Auditorium  
1100 Fairview Ave. N.  
Seattle, WA 98109-1024

Sincerely,  
Alicia and Michael



# Mark Your Calendar

## Joint ACS / AWIS Event

### **Renewable Materials Panel Discussion**

On April 18th, 2018 ACS will host a joint panel event with Seattle AWIS.

More details to come on panelists and theme.

Event time and location are the following:

6:00 PM – Networking and Refreshment

6:30 PM – Introductions, Program

7:45 PM – Networking and Dessert

Fred Hutchinson Cancer Research Center

Pelton Auditorium

1100 Fairview Ave. N.

Seattle, WA 98109-1024

# Mark Your Calendar

## 2018 Undergraduate Research Symposium

“Save the Date” for the 2018 Undergraduate Research Symposium!

Saturday, April 28<sup>th</sup>, 2018 at The Evergreen State College

2700 Evergreen Pkwy NW, Olympia, WA 98505

Registration is now open!

Registration and Abstract Submission Deadline: **April 10<sup>th</sup>, 2018**

Register and view more info at: <http://pugetsound.sites.acs.org/pssugressymp.htm>



**ACS** Local Section  
Puget Sound



### 2018 Undergraduate Research Symposium

**Date: April 28, 2018**

**Location: The Evergreen State College, 2700**

**Evergreen Parkway, Olympia, WA 98505**

We are inviting your undergraduate students to present their research projects at this year's ACS-Puget Sound Section Undergraduate Research Symposium. Oral and poster presentation options are available.

Please encourage students who are not presenting to attend this event. It is a great learning experience for students at all levels.

**Registration and abstract submission deadline is April 10, 2018. Please register at <http://pugetsound.sites.acs.org/pssugressymp.htm>**

**We are looking forward seeing you on the Evergreen campus this spring**

The Evergreen State College: [www.evergreen.edu/](http://www.evergreen.edu/)  
ACS Puget Sound Section: <http://pugetsound.sites.acs.org/>

# Mark Your Calendar

## 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.

May 7th-8th, 2018 in Portland, OR - [Registration Link](#)

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

# Mark Your Calendar

## 22<sup>nd</sup> Annual Green Chemistry & Engineering Conference

June 18th – 20th, 2018 - Portland, OR - [Website Link](#)

### Abstracts

Abstracts were open for submission from January 4, 2018 to February 12, 2018. Submit for presentation at the [22<sup>nd</sup> Annual Green Chemistry & Engineering Conference \(GC&E\)](#) held June 18-20, 2018 in Portland, Oregon.

This premier conference on green chemistry and engineering gathers hundreds of participants from industry, government, and academia come together every year to share research as well as education and business strategies to ensure a greener and more sustainable future.

Information on submitting an abstract and a listing of sessions can be found on the conference [program page](#).

JOIN US AT THE  
22<sup>ND</sup> ANNUAL GREEN CHEMISTRY & ENGINEERING CONFERENCE  
PRODUCT INNOVATION USING GREENER CHEMISTRIES  
CALL FOR PAPERS IS NOW OPEN —  
SUBMIT YOUR ABSTRACT TODAY!  
Submissions accepted until February 12, 2018.  
gcande.org  
JUNE 18-20, 2018 | PORTLAND, OR  
ACS  
Chemistry for Life®  
American Chemical Society  
ACS  
Green Chemistry  
Institute®

### Joseph Breen Memorial Fellowship

This award, administered by the ACS Green Chemistry Institute®, will sponsor one or more young international green chemistry scholars to participate in a green chemistry technical meeting, conference, or training program. Awardees are reimbursed up to \$2,000 in funds to accommodate cost of travel, accommodation and fees associated with the event. Those who are eligible to apply include undergraduate and graduate students, post-doctoral fellows, and young professionals below the level of assistant professor and within the first seven years of their careers.

**The application deadline was February 16, 2018.**

### Kenneth G. Hancock Memorial Award

This award, administered by the ACS Green Chemistry Institute® and sponsored by the ACS Division of Environmental Chemistry and the National Institute of Standards & Technology, provides national recognition to students with outstanding contributions to furthering the goals of green chemistry through their research and/or studies. Recipients will win \$1,000 plus reimbursed travel to the annual Green Chemistry & Engineering Conference, held this year on June 18-20 in Portland, OR. The award is open to undergraduate and graduate students, regardless of citizenship or country of study. Students who completed their degrees prior to May 1 of the year before the application year are not eligible to apply.

**The application deadline was February 16, 2018.**



# Mark Your Calendar

## **2018 Northwest Regional Meeting (NORM)**

June 24<sup>th</sup> - 27<sup>th</sup>, 2018

Pacific Northwest National Laboratories, Richland, WA

Hosted by the Richland Section of the American Chemical Society

Registration and additional info on the [NORM 2018 Website](#).

Registration opened January 15th, 2018.

Call for papers opened January 29th, 2018.



# NORM 2018

## POWERING THE FUTURE

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**Richland Section**

June 24–27, 2018 [www.NORM2018.org](http://www.NORM2018.org)

# Careers

## Job Openings

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

### [Full Time Lecturer - 1 YR APPT \(2018-2019\) - Chemistry \(Central Washington University\)](#)

Deadlines: See job posting

Location: Ellensburg, WA

ACS PSS Posting Date: 02/23/2018

Brief Description: The CWU Chemistry Department is HIRING! We have a full-time lecturer position open for 2018-2019. For details and to apply, please go online to <https://careers.cwu.edu> and search for job 1938.

View PDF of Job Posting: N/A

### [Full-time One-year Chemistry Professor Position \(Tacoma Community College\)](#)

Deadlines: Priority consideration 03/15/2018

Location: Tacoma, WA

ACS PSS Posting Date: 02/23/2018

Brief Description: Tacoma Community College is hiring a full-time one-year position for the next academic year.

View PDF of Job Posting: N/A

### [Assistant Professor for Chemistry Full-Time Tenure Track \(Columbia Basin College\)](#)

Deadlines: Open until the position is filled.

Location: Pasco, WA

ACS PSS Posting Date: 02/01/2018

Brief Description: Columbia Basin College ("CBC" or the "College") seeks an outstanding and enthusiastic individual to teach a range of courses in Chemistry. This is a full-time tenure track position in the Math & Science Division at CBC. The selected candidate must be prepared to instruct a range of chemistry courses especially those involving Introductory Chemistry, General Chemistry, Introductory and Advanced Organic Chemistry. Additionally, lab sections, including those corresponding to lecture courses taught by other faculty, will be required. This position reports to the Dean for Math & Science.

View PDF of Job Posting: N/A

# Careers

## Job Openings

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

### [Chemistry Assistant Professor - Tenure Track \(Centralia College\)](#)

Deadlines: Open until the position is filled.

Location: Centralia, WA

ACS PSS Posting Date: 01/26/2018

Brief Description: The chemistry instructor will have primary responsibility for teaching freshman and sophomore level academic transfer science courses in chemistry, with emphasis in the instruction of courses intended for Allied Health students. The instructor will be responsible for both lecture and laboratory instruction, in a face-to-face classroom environment. The successful candidate will be student centered, participate in curriculum and program development, participate in professional development, engage in assessment activities, participate in college activities, advise students, attend faculty and committee meetings, facilitate student research projects, and perform other duties as assigned.

View PDF of Job Posting: N/A

### [Chemistry Adjunct Position \(Highline College\)](#)

Deadlines: Unknown

Location: Des Moines, WA

ACS PSS Posting Date: 01/26/2018

Brief Description: Highline College is looking for someone to teach 1 section of Chemistry 263 in Spring. The class meetings times are as follows: Lecture (MTWTh 8:00-8:50AM) Lab (F 7:00-9:50AM). Please have anyone who is interested contact Marie Nguyen via email at [mnguyen@highline.edu](mailto:mnguyen@highline.edu).

View PDF of Job Posting: N/A

### [Chemistry Instructor - Tenure Track \(Shoreline Community College\)](#)

Deadlines: Open until the position is filled.

Location: Shoreline, WA

ACS PSS Posting Date: 12/29/2017

Brief Description: Shoreline has just posted a tenure track Chemistry position, starting Fall 2018, with a first consideration date of 4 February 2018.

View PDF of Job Posting: N/A

# Careers

## Job Openings

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

### Tenure Track Chemistry Instructor (Highline College)

Deadlines: See job posting

Location: Des Moines, WA

ACS PSS Posting Date: 11/27/2017

Brief Description: Highline College is looking to hire a tenure track chemistry instructor for the upcoming school year. Please pass on this information to anyone who interested. Highline College is also looking for a tenure track math and physics as well. Thanks!

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	Alicia Taylor
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 (2020)	Carole Berg
Alternate Councilor - Position 4 (2020)	Charity Lovitt
Alternate Councilor - Position 5 (2018)	Natalie Merrill

<b>Other Outstanding Volunteers</b>	
Awards Committee Chair	Vacant
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 Co-Chairs	Alicia Taylor and Leonard Andrews
Public Relations Committee Chair	Craig Fryhle
Safety Committee	Natalie Merrill
Senior Chemists Committee	Despina Strong
Sustainability Committee Chair	TBA
Undergraduate Research Symposium Committee Chair	Neal Yakelis
Webmaster	Jonathan Clark
Women Chemists Committee Chair	Despina Strong



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