

# THE CHEMIST

School year begins

*The Puget Sound Chemist*

Volume 78 No. 9 - September 2017



## Mark Your Calendar Events

WCCTA Oct 5<sup>th</sup> – 7<sup>th</sup>, 2017 and Pauling Nov 18<sup>th</sup>, 2017



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)

### School starts! Yay for autumn!

The Call for Nominations for the ACS Puget Sound Section has been extended through September! The 2018 positions that are up for election include: Chair-Elect, Secretary, Treasurer, Councilor (Two positions up for election) and Alternate Councilor (Two positions up for election). Also, if you anticipate receiving a paper ballot and would prefer to receive an electronic ballot instead, log into your ACS account (Login link in upper right of <https://www.acs.org>) and add your email address under your account settings. If you have questions about this, please reach out to us at [elections@pugetsound.sites.acs.org](mailto:elections@pugetsound.sites.acs.org) or [webmaster@pugetsound.sites.acs.org](mailto:webmaster@pugetsound.sites.acs.org).

Mark your calendar events:

The Washington College Chemistry Teachers' Association (WCCTA) conference will be October 5<sup>th</sup> – 7<sup>th</sup>, 2017. If you are a chemistry educator in Washington state, this is an outstanding event worthy of your consideration. Further details on [page 11](#) and at <http://www.wccta.org/>

The 2017 Linus Pauling Medal Award Symposium will be hosted on Saturday, November 18th, 2017 at Portland State University, in Portland, Oregon. More information and event registration may be found at: <https://www.pdx.edu/chemistry/pauling>

Cheers!



*Jonathan Clark*

Newsletter Editor

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# Calendar – September 2017

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

## 11 September 2017 – 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>

*Puget Sound Section*

# Call for Nominations

## Call for Nominations for the 2018 ACS Puget Sound Section Executive Officers

The ACS Puget Sound Section is calling for nominations for its executive committee elections for offices starting in January 2018. We have seven positions up for election and we would love your contributions to the continued success of our section. A brief description of the duties for each position is provided below.

### **Section Chair-Elect/Chair/Past-Chair (1 Year Term per Position - One open position)**

This is a three year commitment serving one year as Chair-Elect, Chair, and Past-Chair. The duties vary slightly with each. Chair-Elect is the open position for 2018.

#### **Chair-Elect (2018) Responsibilities**

- attend executive committee meetings and facilitate meetings in the chair's absence
- head the speakers' bureau committee
- attend the Leadership Institute training sponsored by ACS

#### **Chair (2019) Responsibilities**

- lead executive committee meetings and provide leadership
- appoint committee chairs
- ensure timely completion of business tasks

#### **Past-Chair (2020) Responsibilities**

- attend executive committee meetings
- provide support to the Chair, Chair-Elect, and the executive committee
- complete annual report for previous year
- lead the nominating committee

# News Briefs

## Call for Nominations for the 2017 ACS Puget Sound Section

### Executive Officers

#### **Secretary (1 Year Term - One open position for 2018)**

##### **Secretary's Responsibilities**

- taking and distributing notes at executive committee meetings
- create and manage election ballot and work with election Tellers to validate election results
- submit the election results and committee nomination to the national office

#### **Treasurer (1 Year Term - One open position for 2018)**

##### **Treasurer's Responsibilities**

- prepare a monthly budget and manage the section's accounts
- manage cash inflows and outflows
- work with the finance committee to review the section's finances and prepare the annual budget
- complete the financial section of the annual report.

#### **Councilor (3 Year Term - Two open positions for 2018-2020)**

##### **Councilor's Responsibilities**

- represent the section at the two National meetings and serve on national committees
- advise the chair, the executive committee and other committee chairs
- volunteer or be assigned to serve on section committees and subcommittees

#### **Alternate Councilor (3 Year Term – Two open positions for 2018-2020)**

##### **Alternate Councilor's Responsibilities**

- fulfill the role of a councilor when the councilor is not available
- attend the regional NORM meeting
- volunteer or be assigned to serve on section committees and subcommittees.

# News Briefs

## Call for Nominations for the 2017 ACS Puget Sound Section

### Executive Officers

#### **Nominations and Elections Timeline - (Recently updated)**

Call for nominations	June 1 <sup>st</sup> – September 30 <sup>th</sup>
Voting (mail and online)	October 10 <sup>th</sup> – November 4 <sup>th</sup>
Election Validated	By November 13 <sup>th</sup>

#### **Nominating Committee**

Sheri Tonn, Nominating Committee Chair  
Nadine Gruhn  
Greg Milligan

#### **Nominations or questions?**

Would you like to nominate yourself or someone else for an officer role with the Puget Sound Section of the ACS? Or do you have questions about the various roles or the election process? Please email your nominations and questions to: [elections@pugetsound.sites.acs.org](mailto:elections@pugetsound.sites.acs.org)

#### **Anticipating receiving a paper ballot? Consider switching to e-balloting.**

We see a rather low rate on returns of paper ballots compared to electronic ballots. Paper ballots cost considerably more to print and mail than e-ballots. If you are interested in switching to receive an e-ballot, please log into your ACS account (Login link in upper right of <https://www.acs.org>) and add your email address under your account settings. If you have questions about this, please reach out to us at [elections@pugetsound.sites.acs.org](mailto:elections@pugetsound.sites.acs.org) or [webmaster@pugetsound.sites.acs.org](mailto:webmaster@pugetsound.sites.acs.org).

# Call for Nominations

# News Briefs

## Certificate Programs

### OSHA 7225 Transitioning to Safer Chemicals

May 8-9- Portland, OR – [Register](#)

September 6-7- Seattle, WA – [Register](#)



CONTINUING EDUCATION PROGRAMS  
PACIFIC NORTHWEST  
OSHA EDUCATION CENTER  
*safe workplaces, sustainable communities*



OSHA 7225:  
TRANSITIONING TO SAFER CHEMICALS  
*Portland, Oregon*

This course will guide participants through OSHA's substitution planning process for understanding and evaluating chemical use, identifying and assessing alternatives, and implementing those alternatives that are safer. OSHA 7225 is for professionals at all levels of chemistry understanding who play a role in product and materials selection.

### **Green Chemistry & Chemical Stewardship Online Certificate Program**

September 27, 2017 - June 8, 2018

3-course program intended to give graduates the tools to make a difference and find success by learning to design safer chemicals and industrial processes. Businesses are facing increasing market and regulatory pressures to use less toxic chemicals in their manufacturing processes and products, and are in need of professionals who can provide innovative solutions and more sustainable substitutes.

During this program, we will explore:

- The 12 guiding principles of green chemistry
- Business drivers and barriers to implementing sustainable practices
- Frameworks for incorporating chemical toxicity and human health considerations into product design, material selections, and supply chain decision-making
- Environmental, economic, and societal benefits of green chemistry
- Latest research and regulatory developments in the field
- New tools for chemical design and methods for comparative chemical hazard assessments

Completion of all 3 courses is required to earn a certificate. Register online at [osha.washington.edu](http://osha.washington.edu) or contact the DEOHS Continuing Education Programs at 206-543-1069 or [ce@uw.edu](mailto:ce@uw.edu).



# 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!



## 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

Hello YCC Section,

In the works is a resume critiquing and pizza event for university students with local chemistry professionals in attendance to give advice. Location TDB. Please stay tuned for more details and feel free to contact me at [aliciaataylor@gmail.com](mailto:aliciaataylor@gmail.com) for any input or suggestions to make the event a success.

Thank you,

Alicia Taylor

Alternate Councilor & YCC Chair



# Mark Your Calendar

## WCCTA Conference in Leavenworth, WA

The Washington College Chemistry Teachers' Association ([WCCTA](#)) will hold their 25th annual conference at the Sleeping Lady Conference Center in Leavenworth, Washington on October 5–7, 2017. This annual meeting is attended by over 80 chemistry professors from 18 two-year community colleges and 9 four-year colleges across the state of Washington and parts of Northern Oregon.

The Puget Sound Section of the ACS is a proud sponsor of this conference again this year. We are supporting the WCCTA conference by sponsoring their invited speakers and by hosting a vendor table. We hope to connect with many of our chemistry educators in Washington and Northern Oregon at the conference this year.

We are grateful the Pierce College Organization team for organizing this year's conference.

## 2017 Linus Pauling Medal Award Symposium

The 2017 Linus Pauling Medal Award Symposium will be hosted on Saturday, November 18<sup>th</sup>, 2017 at Portland State University, in Portland, Oregon. More information and event registration may be found at: <https://www.pdx.edu/chemistry/pauling>

The 2017 Pauling Medal Awardee is **Christopher C Cummins** (Henry Dreyfus Professor of Chemistry, B.A. 1989, Cornell University, Ph.D. 1993, Massachusetts Institute of Technology (MIT)).



# Careers

## Job Openings

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

### **Full Time Faculty in Chemistry ([College of the Atlantic](#))**

Deadlines: 09/15/2017

Location: Bar Harbor, Maine

ACS PSS Posting Date: 08/31/2017

Brief Description: College of the Atlantic (COA) is seeking a full-time faculty member in chemistry (open rank) to teach a wide range of classes to students of Human Ecology. The new faculty member will have curricular and creative control over the design of introductory through advanced courses. Beginning in Fall 2018, the successful candidate will teach two-term sequences in general chemistry, offered every year, and organic chemistry, offered alternate years. In addition, the successful candidate will be expected to develop one or more courses in environmental chemistry, preferably with a strong lab component. [...] Interested candidates should send a cover letter that speaks to their unique qualifications for the position, curriculum vitae that includes contact information for three references, a statement of teaching philosophy including a brief description of three potential course offerings that will complement and extend our current curriculum in a single PDF file to [chemistry@coa.edu](mailto:chemistry@coa.edu) by September 15, 2017. The candidate must possess a PhD by August 2018. Review of applications will continue until the position is filled.

View PDF of Job Posting: N/A

### **Part Time General Chemistry Instructors ([Clark College](#))**

Deadlines: See posting for details

Location: Vancouver, WA

ACS PSS Posting Date: 07/29/2017

Brief Description: Hello,

Clark College, in Vancouver, WA, is hiring part time chemistry instructors for general chemistry and non-majors chemistry for this fall. Please feel free to forward this email to any possible applicants. Anyone interested can fill out an application by following this link:

<https://www.governmentjobs.com/careers/clarkcollege/jobs/1792163/part-time-chemistry-instructor>

For questions, please email me at [acrochet@clark.edu](mailto:acrochet@clark.edu). I may be a little slow to answer emails for the next two weeks, but I'll answer any by July 28.

-Amanda

Amanda Crochet

Department Chair, Chemistry

View PDF of Job Posting: N/A

# Careers

## Internships

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

2017 College Intern - Summer Season - - The Wastewater Treatment Division has identified the 2017 College Intern Opportunities. The job posting is currently active and will close on February 5, 2017 at 11:59 pm.

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>	
<b>Chair</b>	Karen Goodwin
<b>Chair Elect</b>	Leonard J. Andrews
<b>Past Chair</b>	Sheri Tonn
<b>Secretary</b>	Alex Stambor
<b>Treasurer</b>	Arwyn Smalley
<b>Newsletter Editor</b>	Jonathan Clark
<b>Councilor - Position 1 (2017)</b>	Mark Wicholas
<b>Councilor - Position 2 (2018)</b>	Gregory Milligan
<b>Councilor - Position 3 (2019)</b>	Craig Fryhle
<b>Councilor - Position 4 (2017)</b>	Gary Christian
<b>Councilor - Position 5 (2018)</b>	Despina Strong
<b>Alternate Councilor - Position 1 (2017)</b>	Gwen Gross
<b>Alternate Councilor - Position 2 (2018)</b>	Amar Yahiaoui
<b>Alternate Councilor - Position 3 (2019)</b>	Alicia Taylor
<b>Alternate Councilor - Position 4 (2017)</b>	Dharshi Bopegedera
<b>Alternate Councilor - Position 5 (2018)</b>	Nadine Gruhn

<b>Other Outstanding Volunteers</b>	
<b>Awards Committee Chair</b>	Carole Berg
<b>Career Event Committee Chair</b>	Dharshi Bopegedera
<b>Communications Committee Chair</b>	TBA
<b>Earth Day Committee Chair</b>	Karen Goodwin
<b>Education Committee Chair</b>	Despina Strong
<b>Finance Committee Chair</b>	David Munch
<b>Hospitality Committee Chair</b>	Carole Berg
<b>Linus Pauling Award Committee Chair</b>	Charity Lovitt (For 2018 Pauling)
<b>Long Range Planning Committee Chair</b>	Sheri Tonn
<b>National Chemistry Week Committee Chair</b>	Roxanne Hulet
<b>Nominating Committee Chair</b>	Sheri Tonn
<b>Program Committee Co-Chairs</b>	Alicia Taylor and Leonard Andrews
<b>Public Relations Committee Chair</b>	TBA
<b>Senior Chemists Committee</b>	Despina Strong
<b>Safety Committee</b>	TBA
<b>Sustainability Committee Chair</b>	Charity Lovitt
<b>Undergraduate Symposium Committee Chair</b>	Charity Lovitt
<b>Webmaster</b>	Jonathan Clark
<b>Women Chemists Committee Chair</b>	Despina Strong
<b>Younger Chemists Committee Chair</b>	Alicia Taylor



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