

THE CHEMIST

Atmospheric Chemistry and Aviation

The Puget Sound Chemist

Volume 76 No. 11 - November 2015



Pauling Award 2015 – Symposium Details (Dec 5th)

Elections Update

YCC at the Pacific Science Center (Nov 6th – 8th)



**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:

ACSPugetSoundSection@gmail.com

Please Vote!

If you are an eligible voter and have not yet voted for the election for the 2016 offices of the Puget Sound Section, please do so!

The YCC is hosting a table with some demos on cell membranes at the Pacific Science Center's Life Science Research Weekend on Nov 6th – 8th. If you want to help develop these demos, communicate science to the public or are just looking for an opportunity to volunteer/network with a few other ACS members, then let us know at PugetSoundYCC@gmail.com and register [online](#) by Nov 2nd and we'll get you in the mix!

The 2015 Pauling Awards Ceremony is scheduled for December 5th, 2015 at the Linus Pauling Science Center at Oregon State University in Corvallis, OR (2900 SW Campus Way - Corvallis, OR 97331). Further details regarding the Symposium and Banquet for the 2015 Pauling Awards Ceremony are on [page 8](#) and [online](#).

Cheers!



Jonathan Clark

Newsletter Editor

Contents

- 1 [From the Editor](#)
- 2 [Contents](#)
- 3 [Calendar](#)
- 4 [News Briefs](#)
- 5 [Science Cafés](#)
- 7 [Younger Chemists Committee](#)
- 8 [Mark Your Calendar](#)
- 10 [Careers](#)
- 12 [ACS Resources](#)
- 13 [Roster](#)



Calendar – November 2015

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

3 November 2015 - Queen Anne Science Café

Time: 7:00pm

Location: T.S. McHugh's - 21 Mercer Street, Seattle, WA 98109

6-8 November 2015 - Younger Chemists Committee at the Pacific Science Center (LSRW)

Time: 10:00am-2:00pm Friday and 10:00am-6:00pm Saturday/Sunday

Location: Pacific Science Center - 200 2nd Ave N, Seattle, WA 98109

9 November 2015 – Executive Committee Meeting

Time: 7:00pm

Location: North Seattle Community College - 9600 College Way N, Seattle WA 98103

Room 2428C - South end of the 2nd floor of the Instruction Building (IB)

Campus Map: <https://northseattle.edu/locator>

10 November 2015 - Tacoma Science Café

Time: 6:30pm

Location: The Swiss Restaurant & Pub - 1904 Jefferson Avenue, Tacoma, WA 98402

17 November 2015 - Eastside Science Café

Time: 7:00pm

Location: Wilde Rover - 111 Central Way, Kirkland, WA 98033

Puget Sound Section

News Briefs

Elections for 2016 Offices

The ballots have been sent out and are due back by November 6th, 2015. The results will be announced as soon as they become available.

The offices up for election are listed here:

- Section Chair-Elect/Chair/Past-Chair (1 Year Term per Position - One open position)
- Secretary (1 Year Term - One open position for 2016)
- Treasurer (1 Year Term - One open position for 2016)
- Councilor (3 Year Term - Two open positions for 2016 -2019)
- Alternate Councilor (3 Year Term – Two open positions for 2016-2019)

Nominations and Elections Timeline

Call for nominations	April 1 st – September 15 th
Voting (mail and online)	October 17 th – November 6 th
Election Validated	November 15 th

Nominating Committee

Sheri Tonn, Nominations Committee Chair
Craig Fryhle
Neal Yakelis
Charity Lovitt

Questions and Comments

Please email your questions and comments to:

Sheri Tonn
2015 Chair Elect, Puget Sound ACS
elections@pugetsound.sites.acs.org

Science Cafés

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

Queen Anne Science Café

"Archaeology in the Pacific Northwest"

Tuesday, 3 November, 2015 - 7:00pm - [T.S. McHugh's](#)

- T.S. McHugh's is located at 21 Mercer Street, Seattle, WA 98109.

Kelly Bush, Equinox Research and Consulting International Inc.

People have lived in the Pacific Northwest for thousands of years and archaeologists are searching our region for evidence these inhabitants left behind. Join Kelly Bush to discover the science and stories revealed by archaeological sites in the neighborhoods, parks and forests around Puget Sound. Come see what she and others are doing, what they are finding and how they are using science to tell the stories of how people have loved and lived in the Pacific Northwest.

Tacoma Science Café

"Leeches, Logs and Landslides: 10 Years of Research on Spirit Lake"

Tuesday, 10 November, 2015 - 6:30pm - [Swiss Restaurant & Pub](#)

- The Swiss Restaurant & Pub is located at 1904 Jefferson Avenue, Tacoma, WA 98402.

Dr. Jim Gawel, Ph.D., University of Washington, Tacoma

The 1980 eruption of Mount St. Helens drastically changed Spirit Lake, filling the old lake basin with landslide debris and floating logs. People often ask if the lake has "recovered," but this is a brand new lake now. The deposition of volcanic material and debris has researchers from the University of Washington, Tacoma have been working for 10 years to understand. Delve into the extensive research with Dr. Jim Gawel as he reveals what we know about the new lake today.

Science Cafés

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

Eastside Science Café

"The Magnetospheres of Solar System Planets and Beyond"

Tuesday, 17 November, 2015 - 7:00pm - [Wilde Rover](#)

- **Wilde Rover is located at 111 Central Way, Kirkland, WA 98033.**

Matt Tilley, University of Washington Astrobiology Program and the Department of Earth and Space Sciences

The Earth has a strong magnetic field that shields us from deadly solar radiation. What about other planets? How can planetary magnetic fields be used to explore things light years away? Join Matt Tilley, Ph.D. student from UW as he discusses these topics and more.

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 Info

We are a local section of the national Younger Chemists Committee. The YCC was chartered by the American Chemical Society to address the specific needs of younger and early-career chemists. The YCC's vision is to lead younger chemists into successful careers and active roles in the ACS and the profession.

Check out our [webpage](#)

Email any questions to Jonathan Clark (Puget Sound Section YCC Chair): PugetSoundYCC@gmail.com

YCC Table at the PSC LSRW

Pacific Science Center – Life Science Research Weekend

Address: 200 2nd Ave N, Seattle, WA 98109 - Nov 6-8th, 2015

Fri: 10am-2pm - Sat & Sun: 10am-2pm and 2pm-6pm

Volunteers must email PugetSoundYCC@gmail.com with the shift that they want to volunteer for and register [online](#) by **Nov 2nd, 2015**.



Mark Your Calendar

Pauling Award 2015 – Barry M. Trost

Symposium and Banquet Details: <http://chemistry.oregonstate.edu/2015LinusPaulingMedal>

Symposium:

December 5, 2015 - Time: 1:00-5:00pm

Location: Student Street, Linus Pauling Science Center - Oregon State University in Corvallis, OR.
(2900 SW Campus Way - Corvallis, OR 97331)

The symposium, sponsored by these ACS sections and hosted by the Oregon Section and Oregon State University, is free and open to the public (no registration required).

Banquet/Reception & Research Poster Session:

December 5, 2015 - Time: 5:00-6:00pm Poster Session, 6:00-11:00pm Banquet/Reception

Location: Student Street, Linus Pauling Science Center - Oregon State University in Corvallis, OR.
(2900 SW Campus Way - Corvallis, OR 97331)

The Award Banquet requires semi-formal/business-informal attire, registration and the purchase of a banquet ticket. **The deadline for registration is TBA.**

Non-student banquet tickets are \$30 each. Student banquet tickets are \$15 each.

Register Here* (<http://chemistry.oregonstate.edu/2015LinusPaulingMedal>)

**As of the posting date of this newsletter, registration was not yet available.*

Presented by the Oregon Section this year, the Pauling Award is being awarded to Barry M. Trost.



Barry M. Trost, the Tamaki Professor of Humanities and Sciences at Stanford University, is the recipient of the 2015 Linus Pauling Medal. This annual award is given jointly by the ACS Portland, Puget Sound, and Oregon Sections in recognition of outstanding contributions to chemistry in the spirit of Linus Pauling, a native of the Pacific Northwest.

Trost is a pioneer in organic chemistry whose work on palladium-catalyzed substitution reactions blazed new pathways to complex molecules with applications in medicine and biology. Notably, the Tsuji-Trost reaction and the Trost ligand are named after him. Trost is also known for advancing the concept of atom economy and the use of transition metal-catalysts for orchestrating complex molecule formation in a chemically economical fashion.



Mark Your Calendar

PACIFICHEM 2015

Chemical Networking: Building Bridges Across the Pacific

Pacificchem 2015 will be held in Honolulu, Hawaii from December 15th-20th, 2015.

Find more info on the website at: <http://www.pacificchem.org/>

Careers

Job Openings

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

[Titration and Spectroscopy Sales Representative \(Metrohm USA\)](#)

Deadlines: None

Location: WA

ACS PSS Posting Date: 07/31/2015

Brief Description: It's an exciting time at Metrohm USA! We are the North American division of world-renown Metrohm AG (Herisau, Switzerland), an industry leader in laboratory instruments and accessories for analytical testing/research. We are looking for a Titration and Spectroscopy Sales Representative to join our field-based Sales Team in the Pacific Northwest. It's your chance to be a part of a dynamic team and make an immediate impact! Our innovative, high quality products are found in laboratories of all kinds-academic, industrial, research, quality control, processing, manufacturing and scale-up and all over the world, although our efforts concentrate on North America. As part of a global entity and rapidly growing organization you will be part of a progressive and high-energy team, focused on bringing quality products to market and excelling in quality customer service. We provide a professional, dynamic environment and offer competitive salaries with an excellent benefits package.

View PDF of Job Posting: N/A

[Part-Time Instructor Pool - Chemistry \(Edmonds Community College\)](#)

Deadlines: None

Location: Lynnwood, WA

ACS PSS Posting Date: 07/31/2015

Brief Description: Edmonds Community College is looking to staff two sections of Chem 121 (GOB) in the fall, and may also have a hybridized section of second quarter General Chemistry (Chem 162) available.

The days/times are listed below:

1) Chem 121 (GOB) 7:30AM-9:20 MW, with labs on T,Th from 7:30AM-9:20

2) Chem 121 (GOB) 2:50PM-4:30 TTh, with labs on T,Th from 4:40-6:20

3) May also be available: Chem 162 (2nd quarter gen chem) 9:30AM-11:20 MW, with labs on Tues 8:30-11:20 and 12:30-3:20

To complete the online application form, please click the link above, then click on "apply" in the upper right corner.

View PDF of Job Posting: N/A

Careers

Job Openings

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

[Part Time Chemistry Instructors \(Green River College\)](#)

Deadlines: None

Location: Auburn, WA

ACS PSS Posting Date: 05/29/2015

Brief Description: Green River Community College is looking for part-time Chemistry instructors for fall quarter and beyond.

View PDF of Job Posting: N/A

[Chemistry Lecturers \(Central Washington University\)](#)

Deadlines: None

Location: Ellensburg, WA

ACS PSS Posting Date: 04/30/2015

Brief Description: The Department of Chemistry at Central Washington University anticipates three (3) full-time lecturer openings for the 2015-16 academic year, with one including teaching in analytical and environmental chemistry. All positions will teach introductory and/or general chemistry. The department is also accepting applications to fill current and future full-time, part-time and annual lecturer positions to teach introductory chemistry and others as needed. Please apply online at <http://jobs.cwu.edu/postings/9391>. Applications will be accepted continually. CWU is an AA/EEO/Title IV/Section 503/VEVRAA institution

View PDF of Job Posting: N/A

Careers

Internships

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>

ACS Resources

Online Resources for all ACS members

Explore the ACS website (<http://acs.org>) and look into the many resources available to you as a member.

Member benefits - <http://www.acs.org/content/acs/en/membership-and-networks/acs/benefits.html>

Publications - <http://www.acs.org/content/acs/en/publications.html>

ACS Webinars - <http://acswebinars.org/>

C&EN Webinars - <http://cen.acs.org/media/webinar.html>

Science Podcasts - <http://www.acs.org/content/acs/en/pressroom/podcasts.html>

ACS National and regional meetings - <http://www.acs.org/content/acs/en/meetings.html.html>

ACS Chemworx - <https://pc.acschemworx.acs.org/>

Presentations on Demand - <http://presentations.acs.org/common/default.aspx>

ACS Public Policy fellowships - <http://www.acs.org/content/acs/en/policy/policyfellowships.html>

Project Seed - <http://www.acs.org/content/acs/en/education/students/highschool/seed.html>

National Chemistry Olympiads -

<http://www.acs.org/content/acs/en/education/students/highschool/olympiad/process/competition.html>

Scholars Program - <http://www.acs.org/content/acs/en/funding-and-awards/scholarships/acsscholars.html>

SCI Scholars Internships -

<http://www.acs.org/content/acs/en/education/students/college/experienceopp/scischolars.html>

Sustainability Resources - <http://www.acs.org/content/acs/en/sustainability.html>

Get Involved - www.acs.org/getinvolved

Not a Member Yet? Join Today! - <http://acswebcontent.acs.org/joinacstoday/13NEWSAD1od.html>

Online Resources for the Puget Sound Section!

Check out our Local Section's website - <http://pugetsound.sites.acs.org>

About us - <http://pugetsound.sites.acs.org/aboutthesection.htm>

Executive Committee Meeting Minutes - <http://pugetsound.sites.acs.org/meetingminutes.htm>

Leave us a message - <http://pugetsound.sites.acs.org/askusaquestion.htm>

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

Education & Olympiads - <http://pugetsound.sites.acs.org/educationolympiad.htm>

Newsletter Archives - <http://pugetsound.sites.acs.org/pugetsoundchemist.htm>

Facebook page - <https://www.facebook.com/AmericanChemicalSocietyPugetSoundSection>

To subscribe to the section email list, visit: <http://www.chem.plu.edu/mailman/listinfo/puget-sound-acs-news>

Roster

ACS Puget Sound - Executive Committee	
Chair	Cheryl Bick
Chair Elect	Sheri Tonn
Past Chair	Despina Strong
Secretary	Karen Goodwin
Treasurer	Carole Berg
Newsletter Editor	Jonathan Clark
Councilor - Position 1 (2017)	Mark Wicholas
Councilor - Position 2 (2015)	Gregory Milligan
Councilor - Position 3 (2016)	Craig Fryhle
Councilor - Position 4 (2017)	Gary Christian
Alternate Councilor - Position 1 (2017)	Jennie Mayer
Alternate Councilor - Position 2 (2015)	Amar Yahiaoui
Alternate Councilor - Position 3 (2016)	Neal Yakelis
Alternate Councilor - Position 4 (2017)	Dharshi Bopegedera

Other Outstanding Volunteers	
Awards Committee Chair	Carole Berg
Career Day Committee Chair	Dharshi Bopegedera
Communications Director	Nick Milanovich
Earth Day Committee Chair	Karen Goodwin
Education Committee Chair	Despina Strong
Finance Committee Chair	David Munch
Hospitality Committee Chair	Carole Berg
Linus Pauling Award Committee Chair	N/A for 2015
Long Range Planning Committee Chair	Despina Strong
National Chemistry Week Committee Chair	Roxanne Hulet
Nominating Committee Chair	Despina Strong
Public Relations Committee Chair	Nick Milanovich
Safety Committee	Richard Van Doren
Sustainability Committee Chair	Charity Lovitt
Undergraduate Symposium Committee Chair	Neal Yakelis
Webmaster	Jonathan Clark
Women Chemists Committee Chair	Sarah Vorpahl
Younger Chemists Committee Chair	Jonathan Clark





ACS
Chemistry for Life®