

THE CHEMIST

Springtime in the Pacific Northwest

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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

May Lull

May is a month filled with planning of events! The Maryhill Winery and Museum Tour is coming up on June 11th. Registration is now open and you can register and pay on the [website](#).

Nominations are being sought for the [Pauling Medal Award](#). This prestigious award is presented annually by the Puget Sound, Portland and Oregon sections of the American Chemical Society.

There are some outstanding events coming up over the next few months. They are detailed out in the 'Mark Your Calendar' section of this newsletter. The Annual AWIS (Association of Women in Science) awards will be on June 1st. As mentioned above, the [Maryhill Winery and Museum Tour](#) will be on June 11th, 2016. The [20th Annual Green Chemistry & Engineering Conference](#) will be June 14th–16th, 2016 in Portland, Oregon. [NORM 2016](#) (Northwest Regional Meeting) will be June 26th–29th, 2016. The [Women in Science Retreat](#) will run from July 8th–10th and is anticipated to be an outstanding event. The [252nd ACS National Meeting](#) will be August 21st - 25th, 2016.

Cheers!



Jonathan Clark

Newsletter Editor

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Calendar – May 2016

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

9 May 2016 – Executive Committee Meeting

Time: 7:00pm

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

Room 2328C - South end of the 2nd floor of the Instruction Building (IB)

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

10 May 2016 - Tacoma Science Café

Time: 6:30pm

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

10 May 2016 – Olympia Science Café

Time: 7:00pm

Location: Orca Books - 509 East 4th Avenue, Olympia, WA 98501

17 May 2016 - Eastside Science Café

Time: 7:00pm

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

Puget Sound Section

News Briefs

Nominations Sought for 2016 Pauling Medal Award

Nominations are being accepted for the 2016 Linus Pauling Medal Award. This award is sponsored by the Pacific Northwest local American Chemical Society Puget Sound, Oregon, and Portland local sections, and it presented annually in recognition of outstanding achievement in chemistry in the spirit of and honor of Linus Pauling, a native of the Pacific Northwest. The medal will be presented at a symposium to be held this fall at Pacific Lutheran University in Tacoma, Washington.



Nominations should include a concise curriculum vitae that lists significant publications, honors, and awards, as well as a summary (400-1000 words) of scientific achievements. This summary should include explanations that clearly outline the importance of the nominee's work. Letters seconding the nomination are also encouraged. Nominations from previous years will be automatically carried over for two years, after which new nominations will be required. Updating past nomination files is encouraged. Scientists of all nationalities are eligible for the award, however, the award cannot be given for work for which the nominee has already received a Nobel Prize. According to Pauling's express wish, it is preferred that the award honor younger scientists whenever possible.

Please e-mail a single PDF file that includes all nomination documents by **May 15th, 2016** to the Pauling Medal Award Chair at pauling2016@chem.plu.edu

Info can be found on the website at: <http://www.plu.edu/chemistry/pauling2016/>

Pacific Northwest Clean Water Association Scholarships

The PNCWA is offering scholarships for students in 2-year and 4-year colleges. A small number of scholarships valued around \$1,200 to \$1,500 will be awarded. New scholarship application forms and info (for 2016) should be posted soon. Keep your eye on their [website](#). The due date for application submissions is **May 22nd, 2016**.

Two Former Pauling Medalists Win Additional Awards

Paul Alivisatos (2010 medalist) is receiving the National Medal of Science awarded by the White House.

Peter Stang (2006 medalist) is receiving China's International Cooperation Award in Science and Technology.

News Briefs

Chemistry Exhibit at the Pacific Science Center

The chemistry exhibit titled 'Catalysts for Change' opened Saturday, March 19th, 2016 at the Pacific Science Center. Explore chemical concoctions that produce many of the items we use every day at Pacific Science Center's exhibition. Catalysts for Change will be on display in the Portal to Current Research space March 19 through September 5, 2016.



ACS PSS Education Committee Updates

Dr Despina Strong, Education Committee Chair presented the awards to three of the recipients at the Undergraduate Student Symposium on April 23rd.

2016 Scholarships update: The Ed committee received 9 completed applications from 4-year college students and awarded three \$1,500 scholarships to the following students. Janna Berman, UPS; Tian Quin Yen, WWU; and Jitkanya Wong, PLU. The committee received 2 completed applications from 2-year colleges and awarded both a scholarship. They receive \$1,500 each. They are Joy Chandra from Shoreline college and Amy Johnson from Centralia.

Olympiad update: The committee conducted pre testing at four locations. Bellevue College, St Martin's Shoreline and Centralia. Over 60 students participated with the highest turnout by far at Bellevue College. This year the committee is able to sit the maximum # of students for the final test on April 23 @ Shoreline College.

High School Teacher of the Year: The committee unanimously voted Kirby Zornes from Redmond High School to receive the High School Teacher of the Year award. Kirby is an outstanding teacher in the classroom and a great ambassador of chemistry in her community as well. She is one of the teachers who brings students to the Olympiad and they appear well prepared. She coordinates science fairs at her kids' schools as well.

Science Cafés

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

Tacoma Science Café

"Is Puget Sound Healthy"

Tuesday, 10 May, 2016 - 6:30pm - [Swiss Restaurant & Pub](#)

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

Mindy Roberts, Environmental Engineer WA State Dept. of Ecology

Learn about some of the latest water quality findings and what you can do to improve the health of Puget Sound!

How would you respond if someone asks "are you healthy?" Chances are your answer will depend on the situation, and a simple yes or no isn't always possible. Describing the health of Puget Sound is just as complicated as describing your own personal health. In this session, we'll delve into some of the latest water quality findings. We'll also discuss what we can do to improve the health of Puget Sound.

Eastside Science Café

"The Science of Bedtime"

Tuesday, 17 May, 2016 - 7:00pm - [Wilde Rover](#)

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

Dr. Michelle M. Garrison, Principal Investigator at Seattle Children's Research Institute

Better sleep through science.

From infants to adults, falling asleep (and staying asleep!) can sometimes be a challenge as you deal with circadian rhythms, sleep associations, parasomnias and more. Come learn about the science of bedtime and sleep, and how to put it to work for you, becoming a sleep scientist in your own home.

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>

Science Cafés

► This Science Café is free and is open to all ages. ◀

Olympia Science Café

"Recent advances in high throughput sequencing of DNA and RNA and a look at gene expression analyses in plants exposed to abiotic stress"

Tuesday, 10 May, 2016 - 7:00pm – [Orca Books](#)

- Orca Books is located at 509 East 4th Avenue, Olympia, WA 98501.

Next-generation DNA and RNA sequencing have made it possible not only to look at individual genomes, but also to rapidly compare genetic sequences among multiple genomes. These approaches can be used, for example, to determine differences in gene transcripts from individual samples, between populations or different organisms, and conduct experimental analyses of normal and experimental conditions. Next-generation sequencing technologies have made it possible to generate high-resolution genomic data much more efficiently, at a lower cost and ease for researchers in many fields. Scientists have turned to next-generation sequencing to identify particular features of the genome that contribute to specific phenotypes. Sam Fox's work involves the use of these sequencing technologies to characterize the gene expression in plants exposed to abiotic stress (extreme temperatures, salinity stress, etc...). He will introduce the audience to new techniques for these types of analyses and discuss how he applies this to answer questions regarding genome-wide responses of plants to their environment.

About the Speaker:

Sam Fox graduated from Oregon State University with Ph.D. in Molecular and Cellular Biology. He has published numerous papers in the field of genomics. While in graduate school, he played a major role establishing protocols for the preparation and sequencing of RNA material. He has been involved in many genome studies including several genome sequencing projects and many projects elucidating gene expression in plants and also animals.

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

Are you a younger chemist looking for a way to be an active volunteer with the local section? Do you want to plan social events or industrial tours for young professional chemists and chemical engineers? Consider getting involved with the Younger Chemists Committee to plan and implement events and programs. To get started, get ahold of Jonathan at:

PugetSoundYCC@gmail.com



Mark Your Calendar

Annual Banquet and Awards

AWIS (Association for Women in Science)

Wednesday, 1 June, 2016 – Time TBA – [Tyee Yacht Club](#)

- The Tyee Yacht Club is located at 3229 Fairview Avenue East, Seattle, WA 98102.

Congratulations to our 2016 award recipients

For Scientific Advancement:

Dr. Hongkui Zeng from Allen Institute

For Leadership Excellence in Biotech or Public Sector:

Dr. Erin Shellman from Zymergen

For more information, visit the website at <http://seattleawis.org/>.

Mark Your Calendar

Maryhill Winery and Museum Tour – June 11th, 2016

A joint event for the Puget Sound, Portland, Oregon, Richland, Inland Northwest and Washington/Idaho Border sections of the American Chemical Society

Schedule

Noon - 2 PM Picnic at Maryhill Museum (\$10)

2 PM - END Wine tasting (10 vintages) and winery tour (\$30)

Self-guided tour of Maryhill Museum – at your leisure

The picnic and museum are suitable for families. The wine tasting is for adults.

Reservations please, by June 4th, 2016

Approximate Drive Times:

4 hours – Seattle, Pullman or Spokane to Maryhill

3 hours – Corvallis to Maryhill

2 hours – Portland to Maryhill



For more information and reservations, please visit the Puget Sound Section website:

pugetsound.sites.acs.org



Mark Your Calendar

Northwest Regional Meeting (NORM) – June 26th–29th, 2016

For registration details and other information please visit the NORM 2016 [website!](#)

Advance Registration ends May 31st, 2016.



20th Annual Green Chemistry & Engineering Conference

June 14th – 16th, 2016

Portland, Oregon

Registration is now open: [Register Here](#)

Website: <http://www.gcande.org>



Mark Your Calendar

Pacific Northwest Women in Science Retreat

July 8th– 10th, 2016 at Camp Magruder, Rockaway Beach, Oregon

Website: <http://www.wsrpacificnorthwest.com>

Now Accepting Sponsor Donations: [View flyer](#) or contact wsrpacificnorthwest@gmail.com for details

PNWWSR
PACIFIC NORTHWEST
WOMEN IN SCIENCE RETREAT

JULY 8-10, 2016
Camp Magruder • Rockaway Beach, Oregon

A weekend **can** make a difference.

This retreat strives to reach graduate, post-doctoral and early career women scientists to equip them with practical professional skills crucial to success in their careers, inspiring them to enhance their professional journeys and advance within the scientific community.

The Pacific Northwest Women in Science Retreat—now in its fourth year—is dedicated to the retention and advancement of women in scientific careers whether in industry, academia, government, entrepreneurship, or non-traditional fields. We teach graduate, postdoctoral, and early career women in STEM fields a positive and proactive approach to their careers through professional skills workshops, panel discussions, and opportunities to practice scientific communication. We connect the attendees to a network of colleagues and mentors, inspire confidence, and teach strategies for career success.

BUILDING A BRIGHTER FUTURE FOR WOMEN IN SCIENCE • [WSRPACIFICNORTHWEST.COM](http://www.wsrpacificnorthwest.com)

Mark Your Calendar

252nd ACS National Meeting & Exposition

August 21st - 25th, 2016

Philadelphia, Pennsylvania

Website: <http://www.acs.org/content/acs/en/meetings/fall-2016.html>



Careers

Job Openings

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

[FT Tenure Track Chemistry Position \(Seattle Central College\)](#)

Deadlines: N/A

Location: Seattle, WA

ACS PSS Posting Date: 04/29/2016

Brief Description: Seattle Central College is currently accepting applications for a tenure-track FT chemistry instructor.

View PDF of Job Posting: N/A

[FT Tenure Track Chemistry Position \(North Seattle College\)](#)

Deadlines: N/A

Location: Seattle, WA

ACS PSS Posting Date: 04/29/2016

Brief Description: North Seattle College is hiring for a full time tenure track chemistry position starting in the Fall of 2016.

View PDF of Job Posting: N/A

[Visiting Faculty Position in Physics \(Evergreen College\)](#)

Deadlines: N/A

Location: Olympia, WA

ACS PSS Posting Date: 04/29/2016

Brief Description: Evergreen is hiring a physicist next year to teach with a chemist in the first year curriculum.

View PDF of Job Posting: N/A

Careers

Job Openings

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

[Computer Science Position \(Bellevue College\)](#)

Deadlines: See below

Location: Bellevue, WA

ACS PSS Posting Date: 03/01/2016

Brief Description: A tenure track faculty position is now open at Bellevue College:

Computer Science Instructor - Priority review date – March 13 (Open Now)

Details regarding all open positions at the college can be found on the Jobs@BC page -

<http://agency.governmentjobs.com/bellevuecollege/default.cfm>.

View PDF of Job Posting: N/A

[Adjunct Chemistry Instructor \(Evergreen College\)](#)

Deadlines: None

Location: Olympia, WA

ACS PSS Posting Date: 03/01/2016

Brief Description: The Evergreen State College seeks a qualified adjunct faculty member to teach general chemistry with laboratory courses beginning with General Chemistry III in spring quarter and continuing in the 2016-17 academic year. The successful candidate will teach a sequence of 6-credit courses scheduled during evening hours.

View PDF of Job Posting: N/A

[Adjunct Chemistry Instructor \(Centralia College\)](#)

Deadlines: None

Location: Centralia, WA

ACS PSS Posting Date: 03/01/2016

Brief Description: Centralia College is currently seeking applicants for an adjunct faculty position. The initial placement would most likely be for summer quarter, for Chem 121 and possibly a small class of Chem 163 depending on the applicant. Applicant information will be stored for unanticipated staffing needs that may arise before or after summer quarter. The posting is posted on the CC website at <https://centralia.peopleadmin.com/> or you may contact Karen Goodwin at kgoodwin@centralia.edu.

View PDF of Job Posting: N/A

Careers

Job Openings

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

[Post-Doc: Analytical/Purification Scientist \(Yale\)](#)

Deadlines: None

Location: New Haven, Connecticut

ACS PSS Posting Date: 03/01/2016

Brief Description: A postdoctoral position is immediately available within the Center for Green Chemistry and Green Engineering at Yale University. The Center is seeking an analytical/purification scientist to support the research efforts of a multi-disciplinary team. The primary responsibilities of the successful candidate will be analytical testing, compound purification, and compound characterization.

View PDF of Job Posting: N/A

[Adjunct Chemistry Instructor \(Pierce College\)](#)

Deadlines: None

Location: Pierce College District, Washington

ACS PSS Posting Date: 02/01/2016

Brief Description: We are also looking for adjuncts for Spring 2016 to teach a Chem 121 and a Chem 100.

If you are interested, please apply at:

<http://agency.governmentjobs.com/piercedist/default.cfm?promotionaljobs=1>

View PDF of Job Posting: N/A

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

Deadlines: None

Location: Auburn, WA

ACS PSS Posting Date: 01/01/2016

Brief Description: 'We have just opened a new position for a tenure track chemistry instructor. For details on the position, qualifications and application process, please visit:

<http://www.greenriver.edu/about-us/human-resources.htm> and click on 'Visit Our Current Career Opportunities'.

If you have additional questions, feel free to contact me at 'wlundquist@greenriver.edu'

Happy New Year!!

Wendy Lundquist, Chemistry Faculty

Green River College'

View PDF of Job Posting: N/A

Careers

Job Openings

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

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

Deadlines: None

Location: USA

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

Internships

King County Summer 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

ACS Puget Sound - Executive Committee	
Chair	Sheri Tonn
Chair Elect	Karen Goodwin
Past Chair	Cheryl Bick
Secretary	Maleah Huggins
Treasurer	Carole Berg
Newsletter Editor	Jonathan Clark
Councilor - Position 1 (2017)	Mark Wicholas
Councilor - Position 2 (2018)	Gregory Milligan
Councilor - Position 3 (2016)	Craig Fryhle
Councilor - Position 4 (2017)	Gary Christian
Councilor - Position 5 (2018)	Despina Strong
Alternate Councilor - Position 1 (2017)	Jennie Mayer
Alternate Councilor - Position 2 (2018)	Amar Yahiaoui
Alternate Councilor - Position 3 (2016)	Neal Yakelis
Alternate Councilor - Position 4 (2017)	Dharshi Bopegedera
Alternate Councilor - Position 5 (2018)	Nadine Gruhn

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	TBA
Long Range Planning Committee Chair	TBA
National Chemistry Week Committee Chair	Roxanne Hulet
Nominating Committee Chair	TBA
Public Relations Committee Chair	Nick Milanovich
Safety Committee	TBA
Sustainability Committee Chair	Charity Lovitt
Undergraduate Symposium Committee Chair	Neal Yakelis
Webmaster	Jonathan Clark
Women Chemists Committee Chair	TBA
Younger Chemists Committee Chair	Jonathan Clark



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