

THE CHEMIST

Summertime is Just Around the Corner!

The Puget Sound Chemist

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Mary Hill Winery and Museum Tour - June 11th

NORM 2016 - June 26th to 29th



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

Mary Hill Winery and Museum Tour!

The Maryhill Winery and Museum Tour is coming up on June 11th! Registration is now open! **Please register by June 4th, 2016.** [Register here.](#) You can register and pay on the Puget Sound Section website. Payment may also be made in person at the event (POC: Sheri Tonn, 2016 ACS Puget Sound Section Chair) with cash or check (make checks out to 'ACS Puget Sound Section').

There are some outstanding events coming up over the next few months. 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 Green Chemistry & Engineering Conference will be hosted in Portland, OR from June 14th to 16th, 2016. More info on the conference is available on the [conference's website](#). NORM 2016 (Northwest Regional Meeting) is from June 26th to 29th, 2016. You can register for NORM 2016 on the [NORM website](#). Planning for the 2016 50/60 year member dinner is underway! The Pauling Award Ceremony will also be on the horizon for later this year! Stay tuned for details on each! For other upcoming events, check out the 'Mark Your Calendar' section!

Cheers!



Jonathan Clark

Newsletter Editor

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Calendar – June 2016

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

1 June 2016 – AWIS Annual Banquet and Awards

Time: 6:00pm – 10:00pm

Location: Tye Yacht Club - 3229 Fairview Avenue East, Seattle, WA 98102

11 June 2016 – Mary Hill Winery and Museum Tour

Time: 12:00pm – 2:00pm

Location #1: Maryhill Museum of Art - 35 Maryhill Museum Dr., Goldendale, WA 98620

Time: 2:00pm - about 4:00pm

Location #2: Maryhill Winery - 9774 Lewis and Clark Highway 14, Goldendale, WA 98620

13 June 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>

14 June 2016 - Tacoma Science Café

Time: 6:30pm

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

14 June 2016 – Olympia Science Café

Time: 7:00pm

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

14-16 June 2016 – Green Chemistry & Engineering Conference

Location: Portland, Oregon

21 June 2016 - Eastside Science Café

Time: 7:00pm

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

26-29 June 2016 – NORM 2016 (Northwest Regional Meeting)

Location: Egan Center - 555 W 5th Ave, Anchorage, AK 99501

Puget Sound Section

News Briefs

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

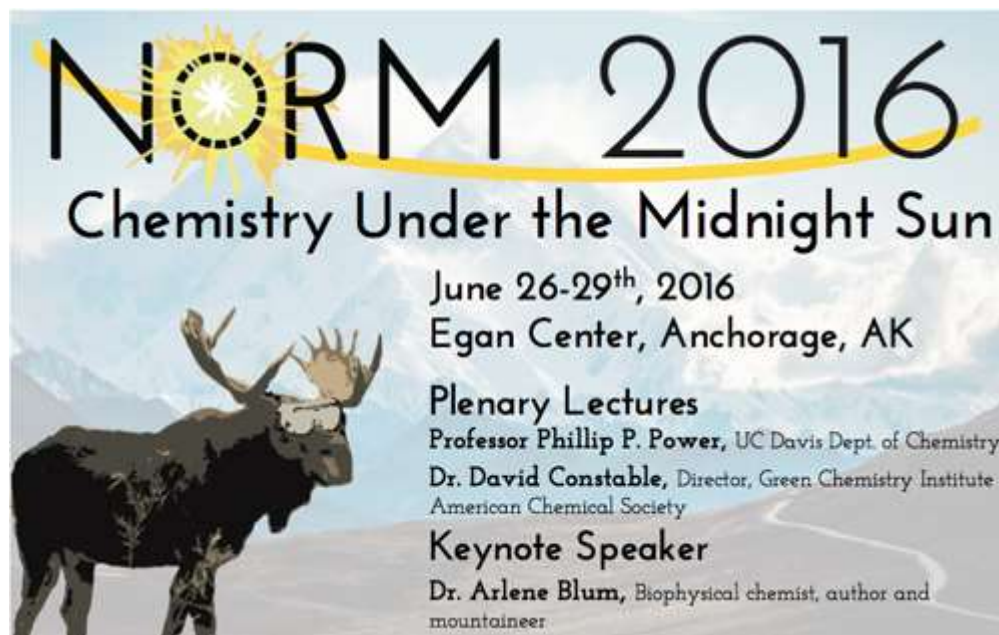


News Briefs

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

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

Advance Registration ended 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>



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.



Thank you note from the PLU Chemistry Club!



"Thank you so much for giving us the opportunity to participate in the ACS Meeting in San Diego. Your financial support made it possible for our club officers to have a life changing experience..." Signed Ciara Flannery, Inga Christensen, Alice Henderson and Danbiel Amster. The scan of the card cover appears to the left...

Science Cafés

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

Annual Banquet and Awards

AWIS (Association for Women in Science)

Wednesday, 1 June, 2016 – 6:00pm-10:00pm – [Tyee Yacht Club](#)

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

Congratulations to the 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/awis-events/>

Science Cafés

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

Tacoma Science Café

"So you didn't get 10,000 steps today—Your or Your Environment's Fault?"

Tuesday, 14 June, 2016 - 6:30pm - [Swiss Restaurant & Pub](#)

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

Dr. Brian Saelens, Principal Investigator at Seattle Children's Research Institute

Through exploring how our surroundings influence physical activity, we can better understand the ways that built environment provides or prevents opportunities to be active. Emerging research has identified the environmental and other factors outside the person that help people attain sufficient physical activity for health. This presentation will highlight some local and national findings regarding built environment and physical activity across the lifespan.

Eastside Science Café

"Can You Catch Cancer?"

Tuesday, 21 June, 2016 - 7:00pm - [Wilde Rover](#)

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

Dr. Rachel Katzenellenbogen, Principal Investigator at Seattle Children's Research Institute

Human papillomavirus (HPV) is the most common sexually transmitted infection, affecting more than 75% of adults in the US over their lifetimes. Some of the many different kinds of HPV are known to be high-risk for cancer. But how can a virus cause cancer? Join Dr. Katzenellenbogen as she discusses some of her recent research on how a virus such as HPV can change its host human cell in ways that can lead to infinite cell growth—and therefore lead to cancer—and what you can do to protect you and your family.

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

"Another threat to Washington's shores: Green Crab Science Café Awareness"

Tuesday, 14 June, 2016 - 7:00pm – [Orca Books](#)

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

The European green crab (*Carcinus maenas*), considered one of the world's worst invasive species, is poised to enter Washington's inland shoreline ecosystems. Washington Sea Grant, Washington Department of Fish & Wildlife, and partners at the University of Washington have joined to launch Crab Team, a volunteer-based early detection and monitoring program to improve the understanding of native salt marsh and pocket estuary organisms, and how they could be affected by green crabs.

Due to strong, warm ocean currents the European green crab has been established along the coastline of Oregon, Washington, and Vancouver Island. In 2012, a population of green crabs was discovered in Sooke Inlet, west of Victoria. Favorable conditions mean that the robust population of green crabs in Sooke could send the floating larvae our way negatively affecting native habitats and species.

Biologists and trained volunteers are monitoring beaches for the early detection of green crab when it is easiest to eradicate or control populations. How can you help? Everyone can help in the effort to spot European green crabs. On your next beach walk, pay close attention to the crab shells you find washed up on the beach. Most invasions are detected from the shed crab shells rather than live individuals. The best way to identify European green crabs is that they have 5 spines on the back shell to the outside of each eye. Color is not an accurate way to identify the crab as its color varies and can be mistaken for several of our native "green" colored crab species. To learn more about the threat of invasion, how to identify green crabs and a link to the reporting form, visit the Crab Team website: <http://wsg.washington.edu/crabteam>

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

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>



Recent Events

2016 Undergraduate Research Symposium

The 2016 Undergraduate Research Symposium was convened on April 23rd, 2016 at Central Washington University in Ellensburg, WA. It lasted from 9:20 AM to 3:45 PM and was organized by Prof. Anthony Diaz, Prof. Carin Thomas, Prof. Tim Sorey and Lisa Stowe. The CWU Chemistry Club volunteered for the event.

About 81 people registered for this year's symposium (excluding Chemistry Club volunteers). The Evergreen State College, Pacific Lutheran University, Seattle University, UW-Seattle, University of Puget Sound, Western Washington University, Central Washington University and Centralia College were represented among the attendees. The ACS Puget Sound Section Executive Committee Members that were present included Despina Strong, Karen Goodwin and Neal Yakelis.



The 2016 award winners were presented with their awards at the Symposium

Prof. William J. Wasserman Scholarship (2-year colleges) - \$1500 each

Joy S. Chandra, Shoreline Community College

Amy J. Johnson, Centralia College (in attendance at CWU to accept award)

Julia Ann Rutherford Scholarship (4-year colleges and universities) - \$1500 each

Janna L. Berman, University of Puget Sound, (in attendance at CWU to accept award)

Jenn Wong, Pacific Lutheran University, (in attendance at CWU to accept a

Tian Qing Yen, Western Washington University

Careers

Job Openings

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

[Part Time Chemistry Positions \(Clark College\)](#)

Deadlines: N/A

Location: Vancouver, WA

ACS PSS Posting Date: 05/30/2016

Brief Description: Clark College is looking to fill two part-time positions in Chemistry. In the fall, we have the first term of our GOB sequence (CHEM 121) available on Mondays and Wednesdays, from 12-2. We also have a CHEM 139 (prep course for general chemistry) available on Tuesdays and Thursdays from 1-3. We also have some lab hours at various times that need staffing, and one class still needing an instructor for this summer. Anyone who is interested can send their resume to me [*Amanda Crochet*] at acrochet@clark.edu.

View PDF of Job Posting: N/A

[Post-doc in Chemical Education \(University of Washington\)](#)

Deadlines: N/A

Location: Seattle, WA

ACS PSS Posting Date: 05/30/2016

Brief Description: UW Chemistry Department invites you to apply to join us in our efforts to improve student performance in our introductory courses. Our work, supported by a Howard Hughes Medical Institute grant, is focused on educational strategies to reduce the performance gap for under-represented minority students. Please contact Deborah Wiegand, wiegand@uw.edu, with any questions.

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

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	Cheryl Bick
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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