

# THE CHEMIST

Jobs and Careers in Chemistry

*The Puget Sound Chemist*

Volume 76 No. 2 - February 2015



2015 Career Event – Register by February 6<sup>th</sup>!

ACS Leadership Institute – ACS Invests in Our Leaders!

Photo Credit: Christine Brennan Schmidt



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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](http://pugetsound_sites.acs.org)

Please address email  
correspondence to:

[ACSPugetSoundSection@gmail.com](mailto:ACSPugetSoundSection@gmail.com)

### CORRECTION:

We previously listed an incorrect email address here. The correct one is now shown above. Our apologies for any inconvenience.

### *The Annual Career Event is just a couple weeks away!*

There are many events coming up this month and in the months to come. Check them out in the [News Briefs](#) section. Of special note is that the [Career Event](#) on February 12<sup>th</sup> is just around the corner. There is still space available. Register [Online](#) by **February 6<sup>th</sup>**!

Want to get involved? Come to one of the Executive Committee Meetings! You can also send us a message through website's 'Ask Us a Question' page ([Link](#)).

The YCC (Younger Chemists Committee) will meet on the third Thursday of the month (February 19<sup>th</sup>) at the usual location (Specialty's Café and Bakery in U-Village). Details: [YCC page](#)

See the [Calendar](#) in this newsletter or our [Website's Calendar](#) for further details on these and other events.

Cheers!



*Jonathan Clark*

Jonathan Clark  
Newsletter Editor

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# Calendar – February 2015

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

## **3 February 2015 - Queen Anne Science Café**

Time: 7:30pm

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

## **9 February 2015 - Executive Committee Meeting**

Time: 7:00pm – 8:15pm

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

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

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

## **9 February 2015 - Eastside Science Café**

Time: 7:00pm

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

## **10 February 2015 - Tacoma Science Café**

Time: 6:30pm

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

## **10 February 2015 - Olympia Science Café**

Time: 7:00pm

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

## **11 February 2015 – Career Day**

Time: 1:00pm – 5:00pm

Location: W. R. Giedt Department of Health Laboratories - 1610 NE 150th Street, Shoreline, WA 98155

## **12 February 2015 - An Introduction to Chemical Hazard Assessments**

Time: 8:00pm – 4:30pm

Location: US EPA Region X Offices - 1200 6th Avenue, Seattle, WA 98101

## **19 February 2015 - Younger Chemists Committee Meeting**

Time: 6:30pm – 7:30pm

Location: Specialty's Café & Bakery in U-Village - 2690 NE Village Ln, Seattle, WA 98105

# News Briefs

## 2015 Career Event – “Careers in Chemistry”

- Emphasizing Solutions to Health Challenges in WA State -

**February 11<sup>th</sup>, 2015 from 1:00pm - 5:00pm**

**W. R. Giedt Department of Health Laboratories**

**1610 NE 150th Street, Shoreline, WA 98155**

Key note speaker: Dr. Romesh Gautom (Laboratory Director, Department of Health Laboratories)  
Recommended for all undergraduate science students. Free admission and open to all. Space is limited and registration is required. **You must bring photo ID to this event.**

Participants are required to register by **February 6<sup>th</sup>, 2015** in order to attend this event.

Register at: <http://pugetsound.sites.acs.org/careerevent2015.htm>

Check out the [flyer](#) for detailed schedule info.

**For more information, contact Dharshi at:**  
bopegedd@evergreen.edu or (360) 867-6620



\*Photos from 2014 Career Event



**REGISTER NOW**



# News Briefs

## An Introduction to Chemical Hazard Assessments

- New Tools for Business –

**February 12<sup>th</sup>, 2015 from 8:00am - 4:30pm**

**US EPA Region X Offices**

**1200 6th Avenue, Seattle, WA 98101**

There is no cost to attend, but [Registration](#) is required.

Directions to EPA's office and potential parking locations are available [here](#).

There is no registration deadline.

We are pleased to offer an introductory workshop on finding safer chemical alternatives. This workshop will provide a new “tool in the toolbox” related to conducting chemical hazard assessments that can help you benchmark chemicals of concern in products and processes. A chemical hazard assessment is a tool help companies evaluate a chemical’s potential impact upon human health and the environmental and making more informed choices for chemical substitution. Hazard assessments can help you evaluate, compare and select safer alternatives to chemicals of concern. The workshop features expert speakers from the Washington State Department of Ecology and U.S. EPA and on the latest efforts to help businesses make more informed choices on chemicals use to help avoid regrettable substitutions. The workshop features presentations from Ecology, EPA and subject matter experts, including information on new tools like the Quick Chemical Assessment Tool (QCAT), how to use chemicals safety data sheets for hazard assessment, and green chemistry opportunities. Join other professionals to learn more about the growing field of alternatives assessment. The audience for the workshop is for product designers, safety specialists, supply chain managers, environmental specialists, sustainability, regulatory affairs, materials selection, procurement, and process designers. It’s particularly suited for small or medium sized businesses interested in chemical hazard assessments. A certificate of completion will be awarded.

**REGISTER ONLINE**

# News Briefs

## An Introduction to Chemical Hazard Assessments

### Speaker Bios:

**Alex Stone, Sc. D.** is a senior chemist at the Washington State Department of Ecology. Alex currently functions as the Safer Chemical Alternative Chemist for the Hazardous Waste and Toxics Reduction Program. He chaired a team of member states that completed a guidance document on alternatives assessments and works on a number of chemistry related projects including Washington's Chemical Action Plans, safer chemical alternative assessments and Children's Safe Product Act. Alex also developed the QCAT tool for use by small and medium businesses with limited resources and expertise in the field of alternatives assessment. Alex also acts as an advisor to Ecology management on chemical policy and other chemistry-related issues.

**Shari Franjevic** Green Chemistry & Sustainable Design Consultant, Transform to Green LLC. Ms. Shari Franjevic combines her technical expertise, industry experience, and her commitment to human and environmental health as a self-employed consultant. The focus of her work is to advance selection and use of inherently safer ingredients in the design of materials, products, and processes. Her work is in support of a larger vision to transform the way we think about designing our human-made world, standardizing the principles and values that underpin movements including pollution prevention and toxics reduction, design for the environment, and green chemistry. She develops and delivers educational experiences, facilitates technical and strategic conversations, designs and refines tools, procedures, guidance, and resources, and offers customized consulting to designers and decision-makers.

Over the past seven years, Shari has consulted to Clean Production Action, Collaborative on Health and the Environment, Green Blue Institute, Advancing Green Chemistry, and McDonough Braungart Design Chemistry (MBDC), and has facilitated Technical Committees for the USEPA Design for the Environment. For the past five years, her primary focus has been supporting GreenScreen® for Safer Chemicals, a project of Clean Production Action. In her work with GreenScreen®, she led the creation of and now manages the education and training program, and has supported continual improvement of the method by facilitating the Technical Advisory Committee, developing the GreenScreen List Translator™, and managing a public peer review and revision process supporting the release of GreenScreen® version 1.2 (2011).

Prior to her work as an independent consultant, Shari led research and design projects for Procter & Gamble, Frito-Lay, General Mills, and 3M. Shari earned her Bachelors of Science in Chemical Engineering from the University of Wisconsin.

## An Introduction to Chemical Hazard Assessments

**Brian Penttila** is the principal of iWatchChems Consulting which provides technical assistance and training in toxics use reduction, chemical hazard assessment and associated regulatory issues, most recently with the hydraulic fracturing sector. He has participated in many regional chemicals efforts including the Northwest Green Chemistry Center and the Puget Sound Partnership (Toxics Work Group and Stormwater Work Group).

Brian has a PhD and MS in Chemical Engineering from the University of Rochester and a BS in Chemical Engineering and Bioengineering from the University of Pennsylvania. He has extensive industrial experience in new product and process development, experimental design, manufacturing technical support, and test method development from physical testing through analytical chemistry.

**Melanie Vrabel Adams** is a Senior Environmental Protection Specialist in the Design for the Environment Program (DfE) in the Office of Pollution Prevention and Toxics at the U.S. Environmental Protection Agency (EPA). DfE develops methodologies to “inform substitution” to safer chemicals, including alternatives assessments for safer flame retardants in furniture and plastics, and for BPA in thermal paper. DfE partners, including industry, States, and environmental groups, protect the environment and human health through actions they take based on DfE partnerships.

Melanie had a leading role in the expansion of the DfE Safer Product Labeling Program (SPLP) and the development of the Safer Chemical Ingredients List (SCIL). DfE SPLP allows product formulators who meet the program’s rigorous criteria to use the DfE logo to distinguish the environmental leadership of their products. DfE SCIL, recently published on the DfE website, lists hundreds of chemicals that meet DfE’s rigorous criteria for use in DfE-labeled products.

As part of the DfE SPLP team, Melanie works with science and policy professionals, manufacturers, NGOs and others improve the environmental and human health profile of products, for industrial, institutional and consumer applications. She enjoys serving as a bridge between the Agency’s science experts and the public, as well as building innovative government-industry partnerships that benefit both business and the environment. Melanie has an M.S. in Chemistry from Carnegie Mellon University and a B.S. in Chemistry/Art History from Juniata College.

Melanie’s presentation will address DfE’s Alternatives Assessment work, as well as enhancements to the Safer Product Labeling Program and Safer Chemical Ingredients List.



## An Introduction to Chemical Hazard Assessments

**Karen Kircher Capwell (MS, CIH)** is a senior industrial hygienist with Eastern Research Group (ERG), a private consulting firm. Ms. Capwell has provided industrial hygiene expertise working in private industry and as a federal contractor for over 20 years. Ms. Capwell has supported EPA, OSHA, and other Federal clients on matters relating to environmental health and occupational safety and health, including the EPA Design for Environment (DfE) program and outreach efforts. Ms. Capwell has extensive experience in laboratory health and safety in a variety of settings, including biotech, animal toxicology research, and pharmaceutical chemistry. Ms. Capwell is a Certified Industrial Hygienist and holds a Master's degree in Industrial Hygiene.

Ms. Capwell will present an overview of use of safety data sheets in assessing and classifying hazards.

# News Briefs

## **Chemistry Olympiads**

(Deadline February 15<sup>th</sup>, 2015)

The Puget Sound Section proctors the Local Exam in March followed by the National Exam in April. Students and teachers interested in entering for the Local/National Exams need to contact Dr. Clarita Bhat at claritabhat@yahoo.com by February 15<sup>th</sup>, 2015.

More information on dates, details, past exams and requirements are found on the ACS website:

[www.acs.org/olympiad](http://www.acs.org/olympiad)

More info can be found on the ACS Puget Sound Section's website:

<http://pugetsound.sites.acs.org/educationolympiad.htm>

## **Scholarships Available!!**

### **Scholarships for Students at Two-Year and Four-Year Colleges**

(Deadline April 1<sup>st</sup>, 2015)

The American Chemical Society (ACS) Puget Sound Section (PSS) Education Committee is now accepting scholarship applications from students at 2- and 4-year colleges through April 1<sup>st</sup>, 2015. Information and application forms can be downloaded from the Education Committee's web page:

<http://pugetsound.sites.acs.org/educationolympiad.htm>

We offer K-12 grants also. Please share this info you're your school and your kids' teachers. For questions and more information, please contact Despina Strong at brian.despina.strong@hotmail.com

## **Teacher of the Year Award**

### **ACS Puget Sound Section High School Teacher of the Year Award**

(Deadline April 15<sup>th</sup>, 2015)

The ACS PSS Education Committee is now accepting nominations for the High School Teacher of the Year Award through April 15<sup>th</sup>, 2015. The nomination form can be downloaded from the Education Committee's web page: <http://pugetsound.sites.acs.org/educationolympiad.htm>

For questions and more information, please contact Despina Strong at brian.despina.strong@hotmail.com

# Science Cafés

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

## Queen Anne Science Café

### "Food Allergy Overview"

Tuesday, 3 February, 2015 - 7:30pm - [T.S. McHugh's](#)

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

What happens when you eat something you are allergic to? Join Virginia Mason's Mary Farrington, M.D. as she explains the immune mechanisms and symptoms involved in food-induced allergic reactions.

## Eastside Science Café

### "Mystery of the Screaming Volcano: A curious case of harmonic tremor during the 2009 eruption of Redoubt Volcano"

Monday, 9 February, 2015 - 7:00pm - [Wilde Rover](#)

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

Harmonic tremor is a seismic signal that sometimes precedes volcanic eruptions and shares some characteristics in common with music. As a result, musical instruments are often the basis for many of the models that explain a harmonic tremor. However, Redoubt Volcano produced a harmonic tremor prior to several explosions at such a high pitch that most of those models fail. In this talk, the UW's Alicia Hotovec-Ellis, Ph.D. investigates the possible sources of these "screams" and what they might mean for short-term eruption forecasting.

## Tacoma Science Café

### "How Do Animals Respond to Global Change and Will It Be Good Enough?"

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

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

Environments around the world are changing, and a pressing question is, "How will these changes affect wildlife?" When faced with brand new conditions, animal populations respond in a variety of ways. The UW's Rory Telemeco, Ph.D. will explore some of the ways animals have already responded to a warming world; how they might continue to respond; and the potential for these responses to allow populations to survive into the future.

## 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

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

## Olympia Science Café

**"Long-term population response of Coastal Cutthroat Trout to hydrologic and other environmental fluctuations in a temperate-rainforest stream"**

**Tuesday, 13 January, 2015 - 7:00pm - [Orca Books](#)**

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

In the relatively pristine Irely Creek watershed (upper Quinault River drainage) within Olympic National Park (ONP), Coastal Cutthroat Trout\*\* (CCT, /*Oncorhynchus clarkii clarkii*/) coexists (as a native-adfluvial run) with anadromous Coho Salmon (/O. kisutch/) and two resident (lamprey and sculpin) species. Each spring during 2001-2012, we counted cutthroat redds (nests) in mainstem and tributary habitats there. Trout redds and fry were abundant in the mainstem during 2001-2002 stream walks, particularly in its middle segment, with escapement estimates (twice the redd count) being 48-106. More recently, the adult population has declined by an order of magnitude, reflecting summer/fall dry-outs of adult habitat in Irely Lake; lowest runs (escapement estimates of four each) were seen during 2006, 2007, and 2010. Although redd counts have risen when summer/fall seasons have been wetter during 2003-2012, they haven't reached 2001-2002 counts because of regular lake dry-outs, including two consecutive dry-outs during 2002-2003. Hence, the trout population is showing an overall downward trend with some smaller-scale oscillations associated with fuller lake levels in wet summers; cutthroat-escapement estimates during 2003-2012 were in the range of 4-32. During 2002-2003, the population also spawned in a headwater tributary, but (a) log-created waterfalls in the upper mainstem and/or (b) reduced run size hindered tributary spawning in other years. But cutthroat fry and juveniles have been consistently present in Irely Creek during our 12-year study, as assessed by stream-walk, netting, and snorkeling observations. Recent (2010-2011) upsurges in (a) Irely Lake water levels with wetter conditions and (b) the coho run (marine-derived nutrients) were associated with the cutthroat's partial run recovery during 2011-2012, the first population increase for two consecutive years. Correlation, multiple-regression, and multivariate analyses for this 'natural experiment' showed that spring reproductive-season flows, incubation-scour floods, and the location of hydraulic-drop (HD) barriers weren't important predictors of trout escapement. But fish-environmental relations were complicated by time lags, so past-year conditions appeared to be more important for trout-run success than same-year biotic and physical conditions. Hence, cumulative-year hydrologic indices were often-better predictors of trout-run size than were single-year environmental variables and flood-scour indices. Complication for biotic parameters were curvilinear responses, likely due in part to density dependence for the highest trout-escapement year (2002), but quadratic terms didn't improve predictive ability. [Continued on next page]

# Science Cafés

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

## Olympia Science Café - Continued

The mechanistically valuable variables for our best monotonic and quadratic regression models included (a) cross-year conditions for lake level (that assumed good biotic and physical recovery after past dry-outs) and peak-spawning temperatures (given the trout's cold water preferences); and (b) past-year cutthroat escapement and coho-carcass counts (as a proxy index of nutrient/food abundance). Hence, both biotic (stock/trophic) and physical factors appeared to be important for cutthroat productivity, in positive vs. negative ways, respectively. So our best monotonic-regression model can realistically predict future trout escapements, based on changing environmental conditions from natural and human impacts.

Robert Vadas holds a B.A. in zoology/botany (Ohio Wesleyan University), M.Sc. in stream-fish ecology (University of Maryland), and Ph.D. on fish instream-flow issues (Virginia Tech). He has since worked for two consulting companies in Alberta and has completed two postdoctoral projects in British Columbia and California on fish-habitat and other issues, with collective focus on riparian and instream-flow impacts to freshwater and estuarine ecosystems. He has recently worked as a state-agency biologist, including past estuarine fish-habitat work with the Florida Marine Research Institute and present freshwater (especially salmonid) work with the Washington Department of Fish and Wildlife. His focus has been on hydrologic, habitat, and dietary needs of fishes, using field sampling, statistical analysis, and ecological synthesis. Formal instream-flow training includes a postgraduate course at Virginia Tech in stream-hydraulic modeling, USFWS courses on field and modeling techniques for PHABSIM, and USGS courses on 2-D hydrodynamic modeling and natural-resource negotiations.

Vadas' Washington work has included much field work (including snorkeling) on spawning and rearing habitat use of cutthroat and coho, laboratory gut analyses on coho and prickly sculpins, some spawning and rearing habitat work on Chinook salmon and bull trout, and spawning work on pink, chum, and sockeye salmon and steelhead. His British Columbia work, which had a riparian focus, included much field/lab work on habitat and food use by Chinook, steelhead, mountain whitefish, and various other fishes.

He's also an active member of several environmental organizations in Olympia, often acting as a scientific advisor for them. He enjoys music and sports, including active roles, and regularly likes to express his odd sense of humor.

# Younger Chemists Committee

## YCC Information

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: <http://pugetsound.sites.acs.org/youngerchemistscommittee.htm>

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

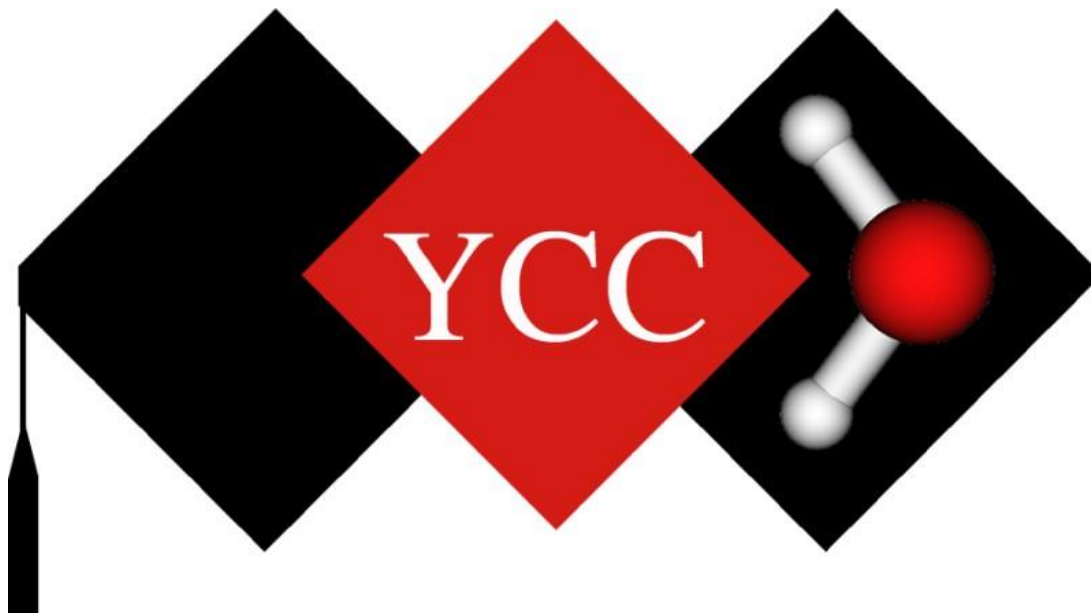
## Next YCC Meeting

Thursday, February 19<sup>th</sup>, 2015 (6:30pm – 7:30pm)

Specialty's Café and Bakery in U-Village

Address: 2690 NE Village Ln, Seattle, WA 98105

Topics: Planning 2015 Events



# Mark Your Calendar

## Design of Safer Chemicals and Products

- The Nexus of Toxicology and Chemistry -

**April 23<sup>rd</sup> & 24<sup>th</sup>, 2015 from 8:30am-5:00pm**

**Location: McMenamins**

**2126 SW Halsey Street, Troutdale, OR 97060**

Find more info in the [flyer](#).

Register Online at:

<http://www.eventbrite.com/e/design-of-safer-chemicals-and-products-workshop-tickets-14173343853>

This 2-day course is for professionals who work to design new chemicals, formulations and or commercial products, as well as those interested in supporting safer products and processes within public, private, and non-profit organizations. The most prominent tools used in chemical design and predictive toxicology will be explored in a hands-on approach to screen out highly toxic chemicals and rationally design or select safer chemical alternatives for products or formulations. By convening well-recognized academic, industry, and government leaders in chemistry, toxicology, ecotoxicology, nanotoxicology and other disciplines, participants will have the opportunity to discuss cutting edge science and practical strategies for the design of safer chemicals and products.

**REGISTER ONLINE**

# Mark Your Calendar

## ACS Puget Sound - Undergraduate Research Symposium

The 2015 ACS Puget Sound Section Undergraduate Research Symposium will be hosted by Pacific Lutheran University on Saturday, April 25<sup>th</sup>, 2015. The local organizers are Dr. Jon Freeman (freemajo@plu.edu, 253-535-7541) and Dr. Neal Yakelis (yakelina@plu.edu, 253-535-7554). Further information about deadlines, abstract submission, and registration is forthcoming.

More information will become available on the website:

<http://pugetsound.sites.acs.org/ugresearchsymp2015.htm>

## NORM 2015

The 2015 Northwest Regional Meeting will be hosted by Idaho State University in Pocatello, Idaho from June 21<sup>st</sup> – 25<sup>th</sup>, 2015.

More info is available on the website at:

<http://norm2015.sites.acs.org/>



# Recent Events

## 2015 ACS Leadership Institute

The leaders at every level of the American Chemical Society gathered last weekend (January 23<sup>rd</sup> – 25<sup>th</sup>, 2015) in Dallas, TX to invest in their development into highly skilled leaders. Many high quality courses from the [ACS Leadership Development System](#) were offered. These courses the same ones that are offered at the ACS national meetings. There were multiple tracks that attendees followed, including the Local Section Track and the YCC Track, among others. I (Jonathan Clark) found the Leadership Institute to be a very rewarding experience. I participated in the YCC Track and had many opportunities to network with other younger chemists. I built connections that will benefit me for a long time to come.

The Puget Sound Section was represented at the 2015 ACS Leadership Institute by the Chair-Elect (Sheri Tonn), the Secretary (Karen Goodwin), one Councilor (Gregory Milligan) and the YCC Chair (Jonathan Clark).

Pictured to the right is Jonathan Clark. Pictured below are the 2015 YCC Leadership Development Award recipients. The YCC Track (aka the Young Chemist Leadership Development Workshop) is intended to develop the leadership skills of these award winners. The award covers the registration fee, transportation, lodging, and meals associated with attending the ACS Leadership Institute. Award winners also get a fancy ribbon and recognition as outstanding young ACS leaders. The cover image of this newsletter shows about a third of the Leadership Institute attendees at one of the meals.



Photo credit: Christine Brennan Schmidt



Photo credit: Christine Brennan Schmidt

# Careers

## Job Openings

### **Job Opening – [Western Washington University](#) – Research Analyst 4**

**Closing date: February 2<sup>nd</sup>, 2015**

The Research Analyst 4 works independently and performs tasks of the highest specialized and technical level with total responsibility for the development, design, analysis, and coordination of complex research projects and studies regarding various characteristics.

Further information on the job position can be found at: <https://jobs.wwu.edu/JobPosting.aspx?JPID=6359>

### **Job Opening – [Pierce College](#) – Assistant Professor of Chemistry**

For further information, check out the [position description](#).

### **Job Opening – [Clark College](#) – Instruction & Classroom Support Technician 2**

The Chemistry Department at Clark College is currently accepting applications for an Instruction & Classroom Support Technician 2 to join our team that provides laboratory support for science classes at all of the Clark College campuses. This is a full-time, permanent classified position with a flexible work schedule of 40 hours per week.

Further information can be found on the Clark College [jobs page](#).

### **Job Opening – [Cascadia College](#) – Tenure-Track Faculty - Chemistry - Full Time**

Cascadia College is currently seeking an innovative, collaborative and dynamic individual for a full time Chemistry position. Faculty will teach and assess students as well as develop courses in Chemistry. The faculty will contribute to the implementation and enhancement of Cascadia's curriculum and course of study in Chemistry, including refining the articulation of Cascadia's Chemistry curriculum with baccalaureate institutions. Duties will include advising students and collaborating with the local community and other colleges/universities to create a rich variety of educational experiences and opportunities for students related to Chemistry.

Further information on how to apply and the qualifications required, applicants are invited to visit the Cascadia website at: <http://www.cascadia.edu/discover/about/jobs/default.aspx>

### **Job Opening – [American Chemical Society](#) – Sr. Education Program Manager**

ACS is now seeking candidates for a Senior Program Manager position, which will be responsible for developing, managing, and implementing the ACS professional development activities for faculty at institutions of higher education. This is a new position that has grown out of discussions on how ACS can best support faculty at two- and four-year institutions in their professional growth. It is located at ACS headquarters in Washington, DC, and will be part of the Department of Higher Education in the Education Division.

More information can be found in the [position description](#). If you are interested, you can apply [online](#), or direct any questions to Nancy Bakowski ([n\\_bakowski@acs.org](mailto:n_bakowski@acs.org), 1-800-227-5558, ext. 6166).

# 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

Career Resources - <http://www.acs.org/content/acs/en/careers.html>

Employment Dashboard - <http://www.acs.org/content/acs/en/careers/salaries/dashboard.html>

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](http://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/archivesofthechemist.htm>

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

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# 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
Long Range Planning Committee Chair	Despina Strong
National Chemistry Week Committee Chair	TBA
Nominating Committee Chair	Despina Strong
Public Relations Committee Chair	Nick Milanovich
Sustainability Committee Chair	Charity Lovitt
Undergraduate Research Symposium Committee Chair	Craig Fryhle
Webmaster	Jonathan Clark
Women Chemists Committee Chair	Robbyn Perdue-Anand
Younger Chemists Committee Chair	Jonathan Clark





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