

# THE CHEMIST

Holiday Party

*The Puget Sound Chemist*

Volume 79 No. 12 - December 2018

**Puget Sound ACS Holiday Dessert Party**

December 22<sup>nd</sup>, 2018



Newsletter of the Puget Sound Section  
of the American Chemical Society



# From the Editor

## THE PUGET SOUND CHEMIST

Newsletter of the  
Puget Sound Section  
of the  
American Chemical Society

American Chemical Society Website

<http://acs.org>

Puget Sound Section Website

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

Please address general email  
correspondence to:

[info@pugetsound.sites.acs.org](mailto:info@pugetsound.sites.acs.org)

### Holiday Party and Other Events

The Holiday Dessert Party will be held on Saturday, December 22<sup>nd</sup>, 2018 at Carol and Russ Berg's home. See details on page 4 and RSVP to Carole at ([cberg@bellevuecollege.edu](mailto:cberg@bellevuecollege.edu)).

The election results are in. Check them out on page 6.

The Younger Chemists Committee (YCC) is meeting **Saturday, December 1<sup>st</sup>, 2018** from 7:00pm - 8:00pm at the University of Washington Bothell in room 010 in Founders Hall (UW1 – 010). Here's the link to the [University of Washington Bothell campus map](#). For more information, please contact [ChemClub@uw.edu](mailto:ChemClub@uw.edu) or Michael Meechan at [m.meechan12@gmail.com](mailto:m.meechan12@gmail.com).

The deadline for the \$250 High School Teacher of the Year Award has been extended to **December 1st, 2018**. [Details here](#).

Spots are filling up fast for the [2019 Career Event](#). Registration is required for this free event. [Register here](#). **When:** February 27th, 2019 from 1-5 PM **Where:** Water and Land Resources Division, King County Environmental Laboratory , 322 West Ewing Place, Seattle WA 98119 **Keynote Speaker:** Stephanie Jaeger, M.S., Water Quality Planner II / Oceanographer, King County Environmental Labs **Other important information:** Event includes lab tours, a career panel discussion & the keynote speaker. Recommended for all undergraduate science students (not just chemistry students). **Registration deadline:** February 10, 2019.

Cheers!



*Jonathan Clark*

Newsletter Editor

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# Calendar – December 2018

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

## **1 December 2018 – Younger Chemists Committee (YCC) Meeting**

Time: 7:00pm – 8:00pm

Location: University of Washington Bothell (Founders Hall: Room 010 - UW1-010) - 18115 Campus Way NE, Bothell, WA 98011

## **1 December 2018 – \$250 High School Teacher of the Year Award Nomination Deadline**

## **10 December 2018 – Executive Committee Meeting**

Time: 7:00pm

Location: North Seattle Community College - 9600 College Way N, Seattle WA 98103  
Room 2328C - South end of the 2<sup>nd</sup> floor of the Instruction Building (IB)  
Campus Map: <https://northseattle.edu/locator>

## **22 December 2018 – Puget Sound ACS Holiday Dessert Party**

Time: 7:00pm

Location: Carole and Russ Berg's home - 14017 SE 139th St., Renton, WA 98059

***Puget Sound Section***

# News Briefs

## Puget Sound ACS Holiday Dessert Party



You and a friend are cordially invited to the

Puget Sound ACS **Holiday** Dessert Party

Saturday, December 22, 2018

7:00 pm at

Carole and Russ Berg's home

14017 SE 139<sup>th</sup> St., Renton, WA 98059

Come enjoy homemade desserts, glogg,  
music, puzzles and chemistry companions.

Everything is provided,  
bring your significant other for an evening of fun!!!!  
RSVP: [cberg@bellevuecollege.edu](mailto:cberg@bellevuecollege.edu)

# News Briefs

## YCC Meeting – December 1<sup>st</sup>, 2018

The Younger Chemists Committee (YCC) is meeting Saturday, December 1<sup>st</sup>, 2018 from 7:00pm - 8:15pm at the University of Washington Bothell in room 010 in Founders Hall (UW1 – 010). Here's the link to the [University of Washington Bothell campus map](#).

For more information, please contact Michael Meehan at [m.meehan12@gmail.com](mailto:m.meehan12@gmail.com)

The poster features a central title 'Younger Chemists Committee Meeting' in a large, black, serif font. Below the title are three logos: the ACS logo (a yellow triangle with 'A', 'C', 'S' inside) and the text 'ACS Chemistry for Life®'; the YCC logo (three blue hexagons with icons of a flask, a graduation cap, and a book) and the text 'YCC The Future of Chemistry'; and a stylized logo for 'hemistry lub' consisting of a purple chain of three hexagons with the text 'hemistry' and 'lub' in a handwritten font. To the right of the YCC logo is a large black ampersand. Above the 'hemistry lub' logo are three purple boxes representing periodic table elements: Uranium (92), Tungsten (74), and Boron (5). Below the logos is the text 'Join Us Every Month To Get Involved With Your Local ACS!' in a black, serif font. At the bottom, there are two columns of text: 'December 1, 2018' and 'January 15, 2019', with '7:00 PM—8:00 PM' and 'UW Bothell UW1-010' under the first, and '7:00 PM—8:00 PM' and 'UW Seattle CHB102' under the second. A large black ampersand is placed between the two columns. At the very bottom, a line of text reads 'QUESTIONS? Contact: ChemClub@uw.edu OR Michael Meehan at m.meehan12@gmail.com'.

**Younger Chemists  
Committee Meeting**

 **ACS**  
Chemistry for Life®

 **YCC**  
The Future of Chemistry

 **hemistry  
lub**

**U** **W** **B**  
Uranium Tungsten Boron

**&**

**Join Us Every Month To Get Involved  
With Your Local ACS!**

**December 1, 2018**                      **January 15, 2019**  
**7:00 PM—8:00 PM**                      **7:00 PM—8:00 PM**  
**UW Bothell UW1-010**                      **UW Seattle CHB102**

*QUESTIONS? Contact: ChemClub@uw.edu OR Michael Meehan at m.meehan12@gmail.com*

# News Briefs

## Election Results

The results of the 2018 elections are in!

Position	Candidates	Paper	Online	Totals	Elected Person - Position
<b>Chair</b>	Leonard J. Andrews	5	316	321	Leonard J. Andrews - Chair
	<i>Write In: Jennifer Marsalla</i>	0	1	1	
<b>Chair-Elect</b>	Jennifer Marsalla	5	318	323	Jennifer Marsalla - Chair-Elect
	No Valid Write-Ins Submitted				
<b>Secretary</b>	Michael Meechan	5	319	324	Michael Meechan - Secretary
	No Valid Write-Ins Submitted				
<b>Treasurer</b>	David Munch	5	316	321	David Munch - Treasurer
	No Valid Write-Ins Submitted				
<b>Councilor Pos 2 (2021)</b>	Gary Christian	5	317	322	Gary Christian - Councilor Position 2
	<i>Write In: John Macklin</i>	0	1	1	
	<i>Write In: Greg Milligan</i>	0	1	1	
<b>Alt Councilor Pos 2 (2021)</b>	John Macklin	5	313	318	John Macklin - Alternate Councilor Position 2
	No Valid Write-Ins Submitted				
<b>Councilor Pos 5 (2021)</b>	Despina Strong	5	316	321	Despina Strong - Councilor Position 5
	<i>Write In: Neal Yakilis</i>	0	1	1	
<b>Alt Councilor Pos 5 (2021)</b>	Natalie Merrill	5	316	321	Natalie Merrill - Alternate Councilor Position 5
	<i>Write In: Karen Goodwin</i>	0	1	1	
	<i>Write In: Jennie Meyer</i>	0	1	1	

	Paper	Online	
<b>Totals</b>	5	334	339
			1898
			18%

Total Number of Submitted Ballots  
 Total Puget Sound Section Election Roster Headcount  
 Voter Turn-Out

# News Briefs

## Awards and Scholarships Info

The ACS Puget Sound Section Education Committee offers the following awards and scholarships:

- **2-year and 4-year college student scholarships, \$1500.**  
The application deadline for 2018 was March 15.
- **High School Teacher of the Year Award, \$250.**  
The application deadline for 2018 has been extended to December 1<sup>st</sup>, 2018.
- **ACS Student Affiliate Chapter Grants for activities and/or travel, up to \$400.**  
Applications are accepted until funds are spent.
- **K-12 Educator Grants, up to \$500.**  
Applications are accepted until funds are spent.

For more details and applications, visit our page at

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

The committee welcomes new members! Please contact us if you are interested in joining. Our email address is: [educationcommittee@pugetsound.sites.acs.org](mailto:educationcommittee@pugetsound.sites.acs.org)

Our current committee members are: Leonard Andrews, Sailaja Arungundram, Clarita Bhat, Gwen Gross, Jennie Mayer (Chair), David Munch, Despina Strong, Alicia Taylor, Lauren Wugalter, Amar Yahiaoui and Kirby Zornes



# News Briefs

## ACS Career Resources

<https://www.acs.org/content/acs/en/careers.html>

Many opportunities and career resources are available on the ACS website for ACS members! Check them out!



## 2018 Heroes of Chemistry Award

The [2019 Heroes of Chemistry](#) is an annual award sponsored by the American Chemical Society that recognizes talented industrial chemical scientists whose work has led to the development of successful commercialized products ingrained with chemistry for the benefit of humankind.

Nominations for the 2019 Heroes of Chemistry Award are now open.

The deadline for the 2019 applications is February 1<sup>st</sup>, 2019.

For more information on the application process, please visit the [Nominations Procedures](#) page or email [chemhero@acs.org](mailto:chemhero@acs.org).



# News Briefs

## ACS Webinars

Hundreds of webinars presented by subject matter experts in the chemical enterprise. LIVE every Thursday at 11am PST (2pm ET)!



**Chemistry**  
and the  
**Economy**

**2019 Outlook**



**FREE** | Thursday, December 6 at 2pm ET



# Science Cafés & Lectures

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

## Science in the City - Lectures by the Pacific Science Center

The Pacific Science Center organizes an excellent Science Lecture series. Please take a look:

<https://www.pacificsciencecenter.org/lectures>

## Science on Tap

Science on Tap is another science café that meets in Seattle, WA. Information regarding the next Science on Tap event can be found on their website: <http://www.scienceontap.org>

## Olympia Science Café

When: 7:00 PM, Wednesday, December 12th  
Where: Lacey Timberland Library Meeting Room  
Speaker: Kiirsten Flynn  
Topic: Return of Humpbacks to the Salish Sea

[Event Information Link](#)

Starting about 10 years ago, increasing numbers of humpback whales have appeared in the Strait of Juan de Fuca, Puget Sound and other parts of the Salish Sea. In many ways this has represented a return, as humpbacks were common through the early 1900s until a whaling operation specifically targeted them. In this presentation, Cascadia Research marine biologist Kiirsten Flynn covers research on these increasing numbers of humpbacks and discusses new technology helping us to study the population dynamics of these whales along the coast. Cascadia Research has been studying humpback whales along the US West Coast since 1986.

# Younger Chemists Committee

## YCC Monthly Meetings

The Younger Chemists Committee (YCC) is meeting Saturday, December 1<sup>st</sup>, 2018 from 7:00pm - 8:00pm at the University of Washington Bothell in room 010 in Founders Hall (UW1 – 010). Here's the link to the [University of Washington Bothell campus map](#).

For more information, please contact Michael Meehan at [m.meehan12@gmail.com](mailto:m.meehan12@gmail.com)

The first 2019 YCC meeting is set for January 15<sup>th</sup>, 2019 from 7:00pm - 8:00pm at the University of Washington in Seattle. See the [flyer](#) for details.



The flyer is a rectangular graphic with a pink border. At the top, it reads "Younger Chemists Committee Meeting" in a large, black, serif font. Below the title are three logos: the ACS logo (a yellow triangle with "A C S" inside) and the text "ACS Chemistry for Life®"; the YCC logo (a blue hexagon with "Y C C" inside) and the text "The Future of Chemistry"; and the UW Bothell logo (three purple squares with "U", "W", "B" inside) and the text "hemistry Lab". A large ampersand "&" is placed between the YCC and UW logos. Below the logos, the text "Join Us Every Month To Get Involved With Your Local ACS!" is written in a smaller, black, serif font. At the bottom, the meeting details are listed: "December 1, 2018" and "January 15, 2019" are aligned with "7:00 PM—8:00 PM" and "7:00 PM—8:00 PM" respectively. The locations "UW Bothell UW1-010" and "UW Seattle CHB102" are listed below the times. A small line of text at the very bottom reads "QUESTIONS? Contact: ChemClub@uw.edu OR Michael Meehan at m.meehan12@gmail.com".



# Mark Your Calendar

## 2019 Career Event

Please pass the word along! This is a great event for undergraduates to gain perspective on potential careers in chemistry. Read more about the career event on the [webpage](#).

**REGISTER HERE**

**American Chemical Society- Puget Sound Section  
presents an informative afternoon on**

**“Careers in Chemistry for Undergraduates”**

**on February 27<sup>th</sup> 2019, 1-5 PM**

**at the**

**Water and Land Resources Division  
King County Environmental Laboratory**

322 West Ewing Place, Seattle WA 98119

<https://www.kingcounty.gov/depts/dnrp/wlr/sections-programs/environmental-lab.aspx>

**Keynote Speaker: Stephanie Jaeger, M.S.**

Water Quality Planner II / Oceanographer, King County Environmental Labs

“Water Quality Dynamics in Central Puget Sound: How can long-term monitoring assess for potential impairments?”

Event includes lab tours, a career panel discussion, and the keynote speaker

Recommended for all undergraduate science students

Free admission and open to all. Space is limited

**Please Register by February 10<sup>th</sup>, 2019**

Registration is limited to 50 participants. Register at <http://pugetsound.sites.acs.org>

For more information: [bopegedd@evergreen.edu](mailto:bopegedd@evergreen.edu)



# Mark Your Calendar

## 2019 Undergraduate Research Symposium

The 2019 Undergraduate Research Symposium is planned to be held at the University of Puget Sound on Saturday, April 27th, 2019.

## 2019 Chemistry Olympiad

The 2019 US National Chemistry Olympiad is a multi-tiered competition for high school students. There will be local exams in March 2019. The National Exam will be April 23<sup>rd</sup>-29<sup>th</sup>, 2019. The 51<sup>st</sup> International Chemistry Olympiad will be held from July 21<sup>st</sup>-30<sup>th</sup>, 2019 in Paris, France. There is a January 25<sup>th</sup>, 2019 deadline for high school chemistry teachers to [become a 2020-2022 USNCO High School Mentor](#).

Read more on the [ACS Chemistry Olympiad Website](#).



# Careers

## Job Openings

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

### [Physical Science Laboratory Support Technician, R18314 \(Bellevue College\)](#)

Deadlines: 12/31/2018

Location: Bellevue, WA

ACS PSS Posting Date: 11/30/2018

Brief Description: The Physical Science Laboratory Support Technician provides and coordinates instructional support to science teaching laboratories with a primary focus on physics and chemistry. This position provides professional and technical support requiring a knowledge of physics and chemistry, including respective equipment, materials, techniques and procedures. For minimum and preferred qualifications and to apply, please visit the Bellevue College Jobs website:

<https://www.governmentjobs.com/careers/bellevuecollege/jobs/2265952-0/physical-science-laboratory-support-technician-r18314>

View PDF of Job Posting: N/A

### [Visiting Assistant Professor/Instructor of Chemistry \(Pacific Lutheran University\)](#)

Deadlines: Open until filled

Location: Tacoma, WA

ACS PSS Posting Date: 11/30/2018

Brief Description: The Department of Chemistry at Pacific Lutheran University (PLU) seeks to hire a part-time Visiting Assistant Professor/Instructor with teaching responsibilities primarily in general chemistry and lower-division laboratory courses (general and general/organic/biological chemistry). There may also be opportunities to mentor undergraduates in research. The department (<http://www.plu.edu/chemistry/>) offers ACS certified degrees. Instrumentation and resources include 500 MHz FTNMR, AFM, GC/MS, HPLC, FTIR, Raman, UV/VIS, ICP-MS, GPC, a glovebox, and a variety of computational chemistry software.

View PDF of Job Posting: N/A

# Careers

## Job Openings

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

### [Lecturer in Chemistry \(Saint Martin's University\)](#)

Deadlines: See job posting

Location: Lacey, WA

ACS PSS Posting Date: 10/29/2018

Brief Description: Saint Martin's University, a private Catholic, Benedictine university located in Western Washington, invites applications for a part-time position as a lecturer in Chemistry to begin in January 2019 and end in May 2019. Duties include conducting assigned lab sections according to a syllabus supplied by the Chemistry Program, collecting and grading lab assignments, holding office hours, and assigning grades. Applicants should hold an advanced degree in chemistry or a related field.

Faculty members are expected to support the Catholic, Benedictine liberal arts mission of the university. Candidates must have valid documentation permitting them to work in the US from the date on which the appointment at Saint Martin's takes effect. The position is subject to final budgetary approval.

If you are interested in the position, please submit letter of interest, current c.v., unofficial or official copies of graduate transcript(s), and 3 letters of recommendation in your application via the link below. Review of applications will begin immediately and continue until the position is filled. Questions and inquiries may be directed to Gregory Milligan, by email at [gmilligan@stmartin.edu](mailto:gmilligan@stmartin.edu) or telephone at 360-438-4314.

Saint Martin's University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities, and covered veterans.

Apply through Institution's Website:

[https://workforcenow.adp.com/mascsr/default/mdf/recruitment/recruitment.html?cid=7707cdd8-afe3-4ace-99f3-9e6b6654d0ad&cclid=19000101\\_000001&type=JS&lang=en\\_US](https://workforcenow.adp.com/mascsr/default/mdf/recruitment/recruitment.html?cid=7707cdd8-afe3-4ace-99f3-9e6b6654d0ad&cclid=19000101_000001&type=JS&lang=en_US)

View PDF of Job Posting: N/A



# Careers

## Job Openings

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

### [Assistant Professor of Chemistry \(Analytical\) \(Whitworth University\)](#)

Deadlines: See job posting

Location: Spokane, WA

ACS PSS Posting Date: 09/30/2018

Brief Description: The Chemistry Department at Whitworth University invites applications for a tenure-track position in chemistry at the rank of Assistant Professor. Applicants in Analytical Chemistry and all related sub-disciplines are welcome to apply. Candidates must demonstrate a strong commitment to teaching excellence and the ability to establish a robust research program, which is competitive for external funding and involves undergraduate research assistants.

View PDF of Job Posting: [Link](#)

### [Chemistry/Science Education TT Faculty Position \(Western Washington University\)](#)

Deadlines: 09/17/2018

Location: Bellingham, WA

ACS PSS Posting Date: 07/27/2018

Brief Description: Applications are invited for one tenure track position at the assistant or associate professor levels in chemistry with a specialization in science education. This will be a joint appointment between the chemistry department and the Science, Math and Technology Education (SMATE) program at Western Washington University (WWU) in Bellingham, WA, beginning September 2019. The chemistry department and SMATE program are committed to WWU's goal of recruiting and retaining diverse faculty, and welcome applications from diverse candidates. The ideal candidate will enhance our existing strengths in education and research by teaching chemistry and teacher preparation courses as well as leading an active research program in science education. A Ph.D. by hire date is required. Please see the full position announcement for all required and preferred qualifications and to apply:

<http://employment.wwu.edu/cw/en-us/job/495871/>. Inquiries may be addressed to Prof. Emily Borda at (360) 650-3135 or [bordae@wwu.edu](mailto:bordae@wwu.edu). WWU is an AA/EO employer. For disability accommodation call (360) 650-3774. Review of applications begins September 17, 2018; position open until filled.

View PDF of Job Posting: N/A

# Careers

## Internships

King County 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

<b>ACS Puget Sound - Executive Committee</b>	
Chair	Leonard J. Andrews
Chair Elect	Vacant
Past Chair	Karen Goodwin
Secretary	Michael Meechan
Treasurer	David Munch
Newsletter Editor	Jonathan Clark
Councilor - Position 1 (2020)	David Patrick
Councilor - Position 2 (2018)	Gregory Milligan
Councilor - Position 3 (2019)	Craig Fryhle
Councilor - Position 4 (2020)	Dharshi Bopegedera
Councilor - Position 5 (2018)	Despina Strong
Alternate Councilor - Position 1 (2020)	Gwen Gross
Alternate Councilor - Position 2 (2018)	Amar Yahiaoui
Alternate Councilor - Position 3 (2019)	Carole Berg
Alternate Councilor - Position 4 (2020)	Charity Lovitt
Alternate Councilor - Position 5 (2018)	Natalie Merrill

<b>Other Outstanding Volunteers</b>	
Awards Committee Chair	TBA
Career Event Committee Chair	Dharshi Bopegedera
Communications Committee Chair	Jonathan Clark
Earth Day Committee Chair	Karen Goodwin
Education Committee Chair	Jennie Mayer
Finance Committee Chair	David Munch
Hospitality Committee Chair	Carole Berg
Pauling Medal Symposium Committee Chair	Charity Lovitt
Long Range Planning Committee Chair	Vacant
National Chemistry Week Committee Chair	Roxanne Hulet
Nominating Committee Chair	Karen Goodwin
Program Committee Chairs	Leonard Andrews
Public Relations Committee Chair	Craig Fryhle
Safety Committee	Natalie Merrill
Senior Chemists Committee	Despina Strong
Sustainability Committee Chair	Natalie Merrill
Undergraduate Research Symposium Committee Chair	Neal Yakelis
Webmaster	Jonathan Clark
Women Chemists Committee Chair	Despina Strong
Younger Chemists Committee Chair	Michael Meechan



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