

THE CHEMIST

Prof. David Tyler Event

The Puget Sound Chemist

Volume 80 No. 11 - November 2019



Prof. David Tyler | November 4th, 2019



ACS
Chemistry for Life®

Newsletter of the Puget Sound Section
of the American Chemical Society

FROM THE EDITOR



ACS
Chemistry for Life®

November 2019

THE PUGET SOUND CHEMIST

Newsletter of the
Puget Sound Section
of the
American Chemical Society

American Chemical Society Website

<https://www.acs.org>

Puget Sound Section Website

<https://www.acs.org/pugetsound>

Send us a Message:

[Contact Us Form](#)

Prof. David Tyler will be presenting a talk at the University of Puget Sound on November 4th, 2019 on "Homing Pigeons, Degradable Plastics, and Solvent Effects; How Caged Radical Pairs Impact Everyday Chemistry." [View the event flyer here.](#)

Mark your calendars! The 2020 Career Event is all set for February 19th, 2020 at the WA State Public Health Laboratories in Shoreline, WA. The event is free and open to all. Undergraduates are especially encouraged to attend. [Register here.](#)

The November Executive Committee meeting is scheduled for Monday evening, November 18th, 2019 at North Seattle College (7:00pm). If you wish to attend, please reach out to us to let us know that you will be coming. See further details in the Calendar on the [website](#) or inside this newsletter on [page 3](#).

Read about a number of events that the ACS Puget Sound Section has hosted in celebration of the International Year of the Periodic Table (IYPT 2019) in the [New Briefs](#) section.



Jonathan Clark

Newsletter Editor

CONTENTS

- 1 From the Editor
- 2 Contents
- 3 **Calendar**
- 4 **News Briefs**
- 17 **Science Cafés**
- 19 **Scholarships, Grants & Awards**
- 22 **Younger Chemists Committee**
- 23 **Mark Your Calendar**
- 27 **Career Resources**
- 31 **Member Benefits**
- 32 **Executive Committee Roster**
- 33 **Other Outstanding Volunteers**



ACS
Chemistry for Life[®]

CALENDAR

Calendar of Events

4 November 2019 | Prof. David Tyler Event

Time: 6:00pm

Location: University of Puget Sound - 1500 N Warner St, Tacoma, WA 98416

18 November 2019 | Executive Committee Meeting

Time: 7:00pm

Location: North Seattle College - 9600 College Way N, Seattle WA 98103
Room 2328C - South end of the 2nd floor of the Instruction Building (IB)

[Campus Map](#)

19 February 2020 | 2020 Career Event

Time: 1:00pm–5:00pm

Location: WA State Public Health Laboratories - 1610 NE 150th Street, Shoreline, WA 98155

22-26 March 2020 | 259th ACS National Meeting - Spring 2020

Theme: Macromolecular Chemistry: The Second Century

Location: Philadelphia, Pennsylvania

PUGET SOUND SECTION

Prof. David Tyler Event

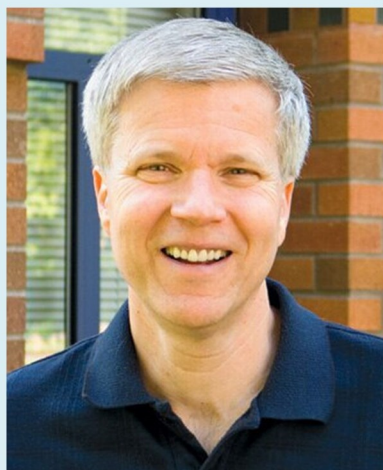
November 4th, 2019 | University of Puget Sound | Tacoma, WA



ACS Local Section
Puget Sound

The **University of Puget Sound** and
The **Puget Sound Section of the
American Chemical Society**
present

"Homing Pigeons, Degradable Plastics, and Solvent Effects; How Caged Radical Pairs Impact Everyday Chemistry"



Prof. DAVID TYLER

*Charles J. and M. Monteith
Jacobs Professor*

Department of Chemistry and
Biochemistry
University of Oregon

How do homing pigeons navigate? How do we design plastics so they degrade after they are used? Why are solar energy conversion systems with donor and acceptor complexes so inefficient? Why do bonds break more readily if they are under mechanical stress? It turns out that radical cage effects are important in understanding the answers to these and numerous other practical questions involving chemical reactivity. In this seminar, I will introduce the concept of caged radical pairs, and then I will show why caged radical pairs are key intermediates in the systems mentioned above and in radical reactions, in general.

Monday November 4, 6 pm

**Tahoma Room in
Thomas Hall**



Questions? Contact Prof. Luc Boisvert |boisvert@pugetsound.edu

NEWS BRIEFS

WChE Chemical Engineering Industry Event

November 7th, 2019 | University of Washington | Seattle, WA

This annual event is hosted and organized by [WChE](#) and is open to all who are interested. [Register here.](#)



Free Registration Here!



SAVE THE DATE

WOMEN IN CHEMICAL ENGINEERING PRESENTS:

THE 4TH ANNUAL FALL INDUSTRY EVENT

Nov. 7th // 5:00 PM // MoES-NanoES

*Featuring leaders in industry sharing their experiences in various
chemical engineering fields and professions*

| | |
|--|---|
| Keynote topic: The Future of ChemE | How-to Workshops (<i>NEW!</i>): Acknowledge Self-Growth |
| Panel topics: Biotech | Combat Self-Doubt |
| Data Science & Technology | Career Transitions |
| Energy Systems | Pursuit of a 2nd Degree |
| Process & Manufacturing | Sell Your Strengths and more! |

FREE Event includes catered dinner and 21+ happy hour!



 @wcheuw www.wcheuw.com  @wcheuw

2019 Elections

2019 Puget Sound Section Executive Committee Elections

Nominations and Elections Timeline

| | |
|--------------------------|--|
| Call for nominations | April 1 st – August 31 st |
| Voting (mail and online) | Approx. October 31 st - November 21 st |
| Election Validated | November 29 th |

Nominating Committee

Leonard J. Andrews, Nominations Committee Chair
David Patrick
David Munch
John Macklin
Jonathan Clark

Questions?

Send your questions using this form:

[ACS PSS Election Nominations and Comments Form](#)

ACS Student Affiliate to Attend UN Convention

United Nations Framework Convention on Climate Change

Aminda Cheney-Irgens, a senior at Pacific Lutheran University double majoring in Chemistry and Hispanic Studies and minoring in Environmental Studies, has been selected to attend the 25th Conference of the Parties in Santiago, Chile this December. The program sends ten ACS Student Affiliates to the United Nations Framework Convention on Climate Change to observe and participate in international climate policy negotiations and enrich their understanding of the work of scientists in addressing climate concerns. The program focuses on developing climate science literacy, for both the traveling students and their peers, and includes a presentation at the ACS meeting in Philadelphia this spring. The students attended training at the ACS National Headquarters in Washington, D.C. in October, visiting the U.S. State Department and the Embassy of Chile.

As a student with strong interest in environmental concerns, Aminda is grateful to have this opportunity to engage at an international level in the policy decisions that will affect our future. She is excited to share what she learns with her community to better inform the next generation of professional scientists about the magnitude of climate change and how we can use our training, skills, and creativity to engineer solutions that are equitable, accessible, and effective.



Editor's Note Oct 31st, 2019: The United Nations Climate Change Conference (COP25) will not be hosted in Chile. Other locations are being considered. You can keep an eye on the developments on the [UNFCCC Website](#).

[UNFCCC Statement](#) (Oct 30th 2019) - Government of Chile not to host COP25

[UNFCCC Statement](#) (Oct 31st, 2019) - "Chile Receives Offer from Spain to Hold COP25 in Madrid from 2 to 13 December 2019"

Women Chemists Committee

Call for Committee Members

Puget Sound Section Councilor Despina Strong, member of the national WCC, wishes to start a formal WCC at the Local Section. Please contact Despina directly if you are interested in joining the committee and to help launch it in 2020. The main goal in 2020 is to learn about the national committee and to develop a local Strategic Plan. The one activity Despina has begun to organize in 2020 is the WCC Luncheon at NORM 2020 in Bellingham (WWU). Despina's contact information is: strongdespina@gmail.com

Senior Chemists Committee

Call for Committee Members

Puget Sound Section Councilor Despina Strong, is seeking members to join her on the Senior Chemists Committee. Despina begun organizing events for senior chemists in the section in 2017. The activities focused on networking lunches and tours. The most recent tours of the Cedar River Watershed (September) and the B Reactor (October) were enjoyed by the participants. She wishes to start a formal committee at the Local Section. Please contact Despina directly if you are interested in joining the committee in 2020. The main goal in 2020 is to learn about the national committee and to develop a local Strategic Plan.

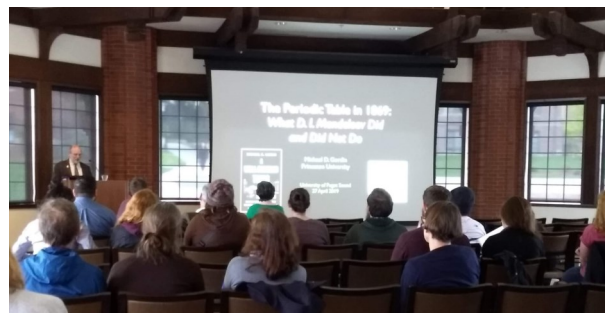
International Year of the Periodic Table - A Report

By: Despina Strong, Chair, IYPT Subcommittee

As we are all aware by now, 2019 was proclaimed the “International Year of the Periodic Table of Chemical Elements” (IYPT2019). The American Chemical Society supported the IYPT2019 initiative and joined multiple organizations worldwide in celebrating the 150th anniversary since Dmitry Mendeleev discovered the Periodic Table.

Here in our Local Puget Sound Section (PSS), a subcommittee was formed earlier this year to guide and encourage activities throughout our section. I’m pleased to share with you some of the highlights of the activities in our section.

1. Bellevue College hosted an ACS Webinar in February.
2. University of Puget Sound hosted Dr Michael Gordin (Princeton University) in April. He gave a lecture titled “The Periodic Table in 1869: What Mendeleev Did and Did Not Do”. The lecture was scheduled after the Undergraduate Research Symposium and was well attended.



3. In August, Alternate Councilor, Carole Berg, attained a signed proclamation from Governor Jay Inslee declaring 2019 the Year of the Periodic Table in the state of Washington. Our state was highlighted as one of only a handful of states in the nation with proclamations at the national meeting in San Diego.
4. Councilor Dharshi Bopegedera, acted early in the year and was able to book Theodore Gray, the well-known author of several books including the “The Elements” for three engagements in October. His lectures were well attended and enjoyed by all. He is a dynamic speaker who uses chemical demonstration videos during his lectures. He signed several books after the lectures. His lectures were as follows:
 - a. South Puget Sound Community College (SPSCC) hosted Theodore Gray as part of their Artist and Lecture Series. The event on October 2nd, 2019 was attended by about 250 people including K-12 students and their parents, educators, college students and the general public.
 - b. On October 3rd, 2019, Theodore Gray traveled north to Tacoma and gave a lecture at Pacific Lutheran University (PLU). He met with students before the lecture.
 - c. Theodore Gray was the keynote speaker at the annual conference of the Washington College Chemistry Teachers Association (WCCTA) in Leavenworth on October 4th, 2019.



IYPT - A Report *[continued...]*

By: Despina Strong, Chair, IYPT Subcommittee

5. On October 12th, faculty and students from Western Washington University (WWU), and Whatcom County Community College delighted close to 150 people most of them high school students with a well-organized event at the Spark Museum. The event included a chemistry demonstration followed by a historical portrayal of Dmitry Mendeleev and his international colleagues in period costumes. A proclamation from the Mayor of the City of Bellingham was also read.



Several colleges throughout our section have used the theme of elements during Mole Day (10/23) and NCW (October 20-26th).

The IYPT2019 was a huge success in our local section. We met all our goals. One goal was to encourage /support activities. Activities were planned throughout the year up and down the coast from Bellingham to Olympia. We also wanted to engage and work with other groups. We collaborated with multiple colleges (Bellevue, SPSCC, WWU, PLU, Highline, Whatcom) and WCCTA.

I would like to express my sincere appreciation to all involved during the year. I would like to acknowledge my colleagues on the PSS Executive Committee who promoted events in their areas. David Patrick, WWU; Dharshi Bopegedera, Evergreen College; Craig Fryhle, PLU; Carole Berg, Bellevue College. Thanks also to subcommittee members Jennifer Marsalla and Jonathan Clark.

NEWS BRIEFS

Theodore Gray - Event Photos

October 2nd, 3rd and 4th, 2019

Theodore Gray gave talks at South Puget Sound Community College (Olympia), Pacific Lutheran University (Tacoma) and the WCCTA Conference in Leavenworth, WA on October 2nd, 3rd and 4th, 2019, respectively.

October 3rd, 2019 - Pacific Lutheran University



October 4th, 2019 - Washington College Chemistry Teachers Association Conference (WCCTA)

[WCCTA Photos](#)

Senior Chemists go to Eastern Washington!

B Reactor Tour | Richland, WA

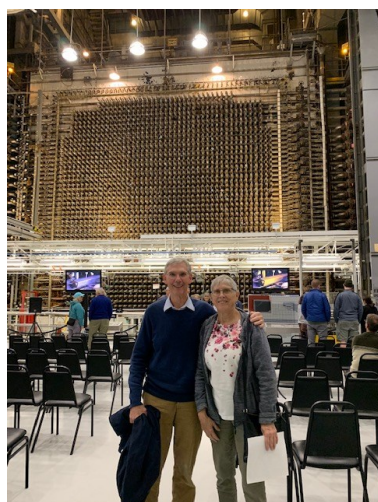
On Friday, October 4th, 2019, thirteen ACS members and their spouses traveled to Eastern Washington to visit the B Reactor near Richland. The reactor is a National Historic Landmark and part of the Manhattan Project National Historical Park.

The B Reactor is the world's first full-scale plutonium production reactor. Much of the plutonium-239, as part of the Manhattan Project and the U.S. nuclear weapons program after the war, was produced at the Hanford site until 1987.



The B reactor is in the class of graphite reactors. Graphite reactors use carbon (graphite) as a neutron moderator to enrich uranium. Cooling water required during the process was pumped from the nearby Columbia River. The proximity to the river was one of the reasons the site was selected in the early 40's.

The tour lasted 4 hours including a 45-minute ride to the site from the visitor center and back. The guides on the bus as well as the reactor were well informed and had worked at Hanford in the past. The



B reactor and its history are very impressive. I believe it's very important for us to understand it and to learn from it.

The tour is highly recommended. Check the link attached for more information:

<https://manhattanprojectreactor.hanford.gov/index.cfm?tour=registrationstart>

After the tour the group enjoyed a Happy Hour at the Atomic Ale Brewery in Richland. The day was enjoyed by all.

National Chemistry Week

October 23rd, 2019 NCW “Chemistry in the Library” event was a great experience

75 kindergarden-8th grade kids and their parents attended the “Chemistry in the Library” event at the Olympia Timberland Regional Library in celebration of National Chemistry Week.



2019 Linus Pauling Medal Recipient

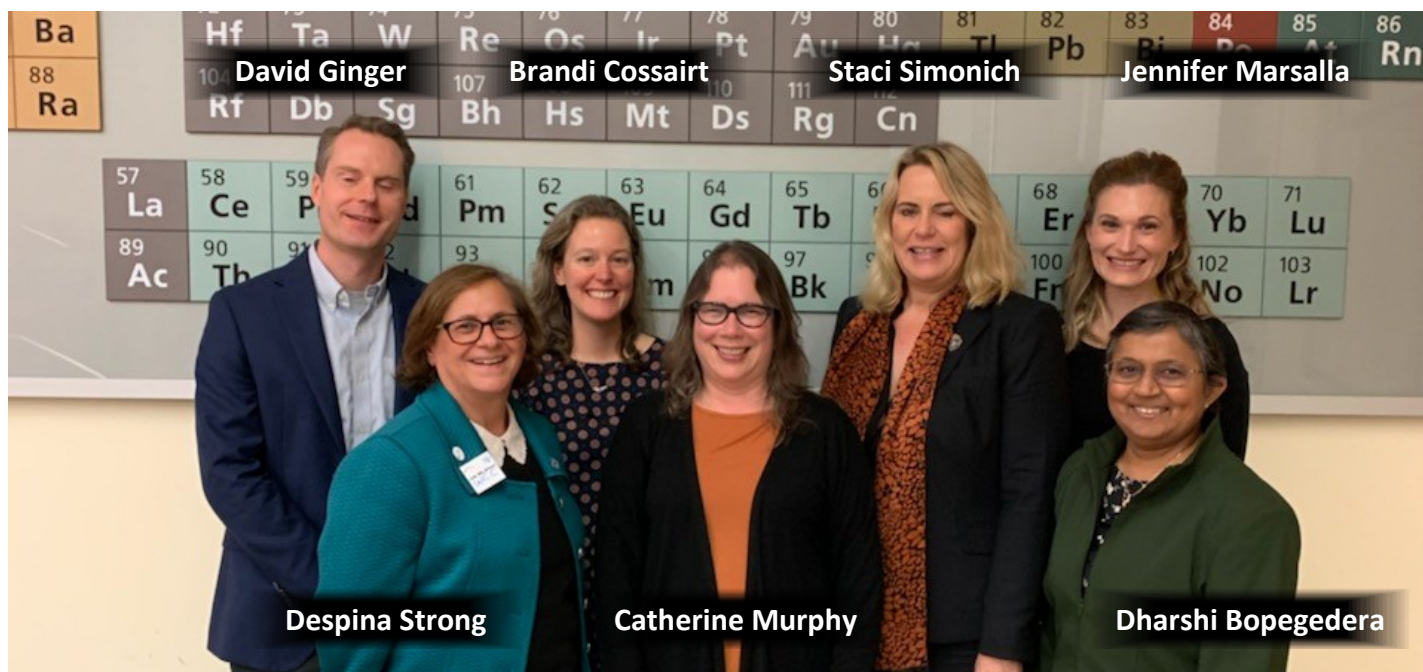
Congratulations to Catherine Murphy, 2019 Linus Pauling Medal Recipient

By: Despina Strong

On Saturday, October 26th, 2019, Dr. Catherine Murphy, University of Illinois Urbana - Champaign, received the 2019 Linus Pauling Medal. The afternoon symposium in her honor and the evening award ceremony were appropriately held in the Linus Pauling Science Center at Oregon State University (OSU), Linus Pauling's Alma Mater.

The Linus Pauling Medal recognizes outstanding achievement in chemistry. It's awarded annually by the Oregon, Portland and Puget Sound Sections of the American Chemical Society. Each year a confidential selection committee comprised of members from each of the three sections selects the winner. The ceremonies rotate between the sections with Puget Sound hosting the award ceremonies every other year due to our size relative to the other two sections involved.

Linus Pauling received the first Medal in his namesake in 1966. He was a Native of the Northwest. He attended OSU and went on to win the Nobel Prize in Chemistry in 1954 followed by the Peace Prize in 1962. Since 1966, the medal has been awarded to 54 worthy recipients, 13 of whom went on to win the Nobel Prize in Chemistry. Until last year, only one female chemist, Jacqueline Barton (2007), had won the Pauling Medal. In 2018 Geraldine Richmond won the award and with Catherine Murphy winning the 2019 award, the selection committees are recognizing women chemists and their significant achievements in chemistry two years in a row.



2019 Linus Pauling Medal Recipient *[continued...]*

Congratulations to Catherine Murphy, 2019 Linus Pauling Medal Recipient

By: Despina Strong

The award winner is honored with an afternoon symposium followed by a banquet dinner. This year's speakers at the symposium in Corvallis included two outstanding professors from the University of Washington, Brandi Cossairt and David Ginger. The third speaker was Staci Simonich from OSU. Dr Murphy also addressed the audience with the final technical talk. Dr Murphy's spoke about her work to develop inorganic nanomaterials for multiple applications including biological and energy-related.

About the same time the three NW sections selected Dr. Murphy for the Pauling Medal, ACS announced Dr. Murphy as the recipient of the ACS National Award in Inorganic Chemistry which will be presented at the Spring 2020 National Meeting in Philadelphia.

I'm very pleased to announce that our Local Section had great attendance at the 2019 Pauling Medal symposium and banquet despite the location. Four members of the Executive committee attended Saturday's festivities. Councilors, Despina Strong and Dharshi Bopegedera; Alt Councilor, John Macklin and Chair-Elect, Jennifer Marsalla. Education Committee Chair Jennie Mayer also attended in the afternoon. In addition, over 30 students and staff attended the event from Evergreen State College demonstrating Dr. Bopegedera's strong support and commitment to her students and the Section.

Finally, I'm very excited to report that the University of Washington will be the host of the 2020 Pauling Award. This is closer to home for many of us. Please stay tuned for updates.



NEWS BRIEFS



Like Our Facebook Page!

Keep connected with your local section through social media.

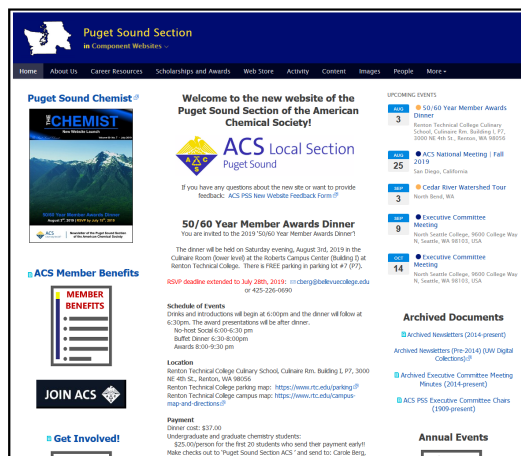
We post about upcoming social events that you can attend, local section meetings and other info.

<https://www.facebook.com/AmericanChemicalSocietyPugetSoundSection>

New Puget Sound Local Section Website

Check it out!

The new website has been operational since the end of July. It is a 'Component Website' on the ACS Network.



The full URL for the new website is:

<https://communities.acs.org/community/society/component-websites/puget-sound-local-section>

There is a shortcut URL:

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

Questions and Comments:

[ACS PSS New Website Feedback Form](#)

Science Cafés

Grassroots Speaker Events Open to the Public

Science Cafés are gatherings open to the public held in pubs, restaurants, or bookstores where non-scientists can meet and talk with scientists about the latest issues in an informal atmosphere. There is no central organization for these grassroots Science Cafes which reflect their focus on local communities. You can learn more at: <http://www.sciencecafes.org/>

Science in the City

Lectures by the Pacific Science Center

The Pacific Science Center organizes an excellent Science Lecture series. The lectures are free and open to the public. They are held at the Pacific Science Center in Seattle, WA.

**Pacific Science Center
Lectures Webpage**

Science on Tap

Seattle Science Café

Science on Tap events are free and open to the public.

**Science on Tap
Webpage**

Olympia Science Café

Sensory Ecology and Conservation of Seabirds | November 6th, 2019 | Lacey, WA

When: 7:00 PM, Wednesday, November 6th 2019

Where: Lacey Timberland Library Meeting Room (500 College St SE, Lacey, WA 98503)

Speaker: Dr. Megan Friesen

Topic: Sensory ecology and conservation of seabirds

Seabirds live in extreme environments. After leaving their nests, they spend the majority of their lives on the vast open ocean, coming to shore only to breed. Some seabirds also exhibit unique behaviors like monogamy, colonial nesting, and even nocturnality. Join us as Dr. Megan Friesen of Saint Martin's University shares research investigating the complexities and evolution of their sensory systems and how an understanding of their sensory perception can be used for conservation.

Megan Friesen has researched seabird conservation and sensory adaptations for the last 10 years. She completed her PhD on seabird sensory acuity and evolution at the University of Auckland in New Zealand and has worked on many islands throughout the South Pacific Ocean, and North and Central America.

<https://events.trl.org/events/science-cafe-sensory-ecology-and-conservation-seabirds>

Puget Sound Section | Awards and Scholarships

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

NOTE: The EducationCommittee@pugetsound.sites.acs.org email address no longer exists. We are in the process of establishing a new submission method. Please [send us a message](#) or email Jennie Mayer (Education Committee Chair; jennie.mayer@bellevuecollege.edu) with any questions.

K-12 Educator Grants, up to \$500.

Grant applications are accepted at any time during the year. Click on the application link for details.

Application Form Links: ([Word](#)) ([PDF](#)) [Applications are accepted until funds are spent.](#)

2-year College Student Scholarships (William J Wasserman Memorial Scholarship), \$1500.

Click on the following links for the application forms, due dates and other details.

Application Form Links: ([Word](#)) ([PDF](#)) [The application deadline for 2019 was extended to April 8th.](#)
([Puget Sound Section Colleges List](#))

4-year College Student Scholarships (Julia Ann Rutherford Memorial Scholarship), \$1500.

Click on the following links for the application forms, due dates and other details.

Application Form Links: ([Word](#)) ([PDF](#)) [The application deadline for 2019 was extended to April 8th.](#)
([Puget Sound Section Colleges List](#))

High School Teacher of the Year Award, \$250 plus \$750 for Chemistry Lab Supplies.

The Section accepts nominations from January 1 - April 30 each year and selects one teacher for this award.

Nomination Form Links: ([Word](#)) ([PDF](#)) [The application deadline was extended to May 31st \(for first consideration\).](#) [Nominations will be accepted until Oct 31st if no award is given by May 31st for 2019.](#)

ACS Student Affiliate Chapter Grants for activities and/or travel, up to \$500.

A request must be submitted to the Executive Committee with details well in advance of the need.

Funding is limited and may be granted on a first come first served basis. To apply, please email a completed application to: TBD (See note above.)

Application Form Link: ([Word](#)) [Applications are accepted until funds are spent.](#)

The committee welcomes new members! Please [contact us](#) if you are interested in joining.

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

For more details and applications, visit our [webpage](#)

**Scholarships, Grants
and Awards Webpage**

Heros in Chemistry Award

National American Chemical Society Award

[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 no longer being accepted. The nomination period for 2020 opens November 1st, 2019 and ends February 1st, 2020.

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

ACS-HACH Professional Development Grants

Professional Development Grants for High School Teachers

The application period for the [ACS-Hach Professional Development Grant](#) is currently closed. With this grant, high school chemistry teachers can request up to \$1,500 to pursue opportunities that advance their professional development and enhance the teaching and learning of chemistry. Applications are accepted between October 15th-January 4th annually.



National Women Chemists Committee Awards

Awards for Women Chemists

[WCC Awards Page](#)




Anchor QEA Scholarship Program

Scholarship Program | Anchor QEA

Since 1999, Anchor QEA has presented over 141 scholarships to graduate students across the country. Applications are now being accepted for the 2019 scholarship—applications are due November 11th, 2019. Candidates for the 2019 Anchor QEA scholarship need to be graduate students majoring in geology, environmental sciences, planning/land use, landscape architecture, fisheries, or coastal, geotechnical, environmental engineering with an aquatic/waterfront emphasis, or related fields. The scholarship will be awarded in January 2020.

ANCHOR QEA SCHOLARSHIP PROGRAM



Anchor QEA is an environmental science and engineering consulting firm working to improve the environment and our communities. Our vision is a growing company that is our clients' first choice for solving their most challenging problems and our employees' first choice as a company where they want to work. We believe engaged staff lead to great client service and a financially strong company—in that order.

Scholarship Program Mission

To give back to our profession and communities by assisting graduate students in their pursuit of higher education and potential contribution to solving challenging environmental problems.

Scholarship Program Vision

A program to assist graduate students who are pursuing a degree aligned with Anchor QEA's field of work, who demonstrate a personal and educational connection with Anchor QEA's Mission and DEI Principles, who give back themselves to their communities, and a have financial need.

Application

Individual scholarship awards will range in value from \$500 to \$6,000 and will be provided to the recipient's institution of higher learning to be disbursed to the student for graduate school tuition and supplies. Applications and other scholarship information are available online at www.anchorqea.com. Applicants should include the following:

- Completed application form
- Letter(s) of recommendation (professional or academic) from professors, employers, etc.
- Copies of undergraduate and graduate (if applicable) transcripts
- A one-page essay stating your educational goals, describing reasons for selecting your major, future plans in the field, and how this scholarship would help you
- Resume (optional)

Deadlines

Applications must be postmarked by November 11, 2019. Scholarships will be awarded in January, 2020.

Note: Anchor QEA also supports student development through challenging internship programs. Visit our website for details.

YCC Monthly Meetings

November 2019

The YCC advocates for and provides resources to early-career chemists and professionals in the chemical sciences and related fields. If you may not be an 'early-career professional', the YCC still welcomes you to help ignite the curiosity and success of young minds.

We would love to have you join us every month and learn how you can get involved with your local ACS section! Anybody is welcome to attend these meetings so please feel free to invite your friends/colleagues.



MARK YOUR CALENDAR

OSHA 7225 - Transitioning to Safer Chemicals

Safer Alternatives for Professionals

This course will guide participants through OSHA's substitution planning process for understanding and evaluating chemical use, identifying and assessing alternatives, and implementing safer alternatives. OSHA 7225 is for professionals at all levels of chemistry understanding who play a role in product, materials or chemical selection.

Two events in the Seattle area:

April 30th - May 1st, 2019 (past event)

December 11th-12th, 2019

[Register online](https://osha.washington.edu/osha/course/transitioning-safer-chemicals) (<https://osha.washington.edu/osha/course/transitioning-safer-chemicals>)

[Watch a recorded webinar](#) about the training.

MARK YOUR CALENDAR

2020 Career Event

February 19th, 2020 | WA State Public Health Laboratories | Shoreline, WA

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

Careers in Chemistry for Undergraduates

February 19th 2020, 1-5 PM

at the

WA State Public Health Laboratories

1610 NE 150th Street, Shoreline, WA 98155

<https://www.doh.wa.gov/ForPublicHealthandHealthcareProviders/PublicHealthLaboratories>

**This event will include a keynote speaker, tour
of the laboratory, and a career panel**

Recommended for all undergraduate science students

Free admission and open to all. Space is limited

Please Register by February 13th, 2020

at <https://forms.gle/9KMrk22Js4ecznta9>

Registration is limited to 60 participants on a first come, first served basis. Please register early to reserve your spot.

For more information: bopegdd@evergreen.edu



REGISTER HERE

MARK YOUR CALENDAR

259th ACS National Meeting | Spring 2020

March 22nd - 26th, 2020 | Philadelphia, Pennsylvania

Theme: Macromolecular Chemistry: The Second Century



Green Chemistry and Engineering Conference

June 16th - 18th, 2020 | Seattle, WA

The 24th Annual Green Chemistry & Engineering Conference is coming to Seattle in 2020! Read more info about the conference on the [GCandE Website](#). Volunteer opportunities exist. Conference registration is set to open on February 18th, 2020.



MARK YOUR CALENDAR

2020 NORM | Northwest Regional Meeting

June 28th - July 1st, 2020 | Western Washington University, Bellingham, WA

The 75th Northwest Regional Meeting of the American Chemical Society will be hosted by the ACS Puget Sound Section in June 2020 at Western Washington University in Bellingham, WA. Check out the [NORM 2020 website](#) for further details and also the [ACS website's NORM webpage](#).



NORM2020

PEAK CHALLENGES, OCEANS OF OPPORTUNITY

260th ACS National Meeting | Fall 2020

August 16th - 20th, 2020 | San Francisco, California

Theme: Chemistry from Bench to Market



CAREER RESOURCES

ACS Career Resources

Powerful Career Advancement Tools

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



[ACS Career Resources](#)

[Job Postings
\(ACS National\)](#)

[Job Postings
\(ACS Puget Sound\)](#)

ACS Puget Sound Section Career Event

Annual Event Focused on Chemistry Careers

The Puget Sound Section hosts a Career Event each year (usually held in February) at a local business or governmental facility. These events present great opportunities to see the scope of the activities of the hosting organizations. The event is recommended for all undergraduate science students. Admission is free. The event is open to all, however, space is usually limited and registration is required. Keep an eye on our Event Calendar for details regarding the next event.

[Event Calendar
\(ACS Puget Sound\)](#)

Internships

Opportunities for Gaining Job Experience

King County Internships

Washington Conservation Corps

Ecology Youth Corps

CAREER RESOURCES

Example Job Position Title

Job Posting Key

Company or Organization Name | City, State | ACS PSS Posting Date: mm/dd/yyyy

Short description of the job position.

The company or organization's name will include a hyperlink to their website.

The job position title will include a hyperlink to any pertinent web posting for the position, if available.

Part Time Faculty - Chemistry and Engineering

Highline College | Des Moines, WA | ACS PSS Posting Date: 10/31/2019

Highline College is in need of instructors for the following classes for Winter and Spring quarters. If interested, please send a CV to mmoehlig@highline.edu and submit an online application (<https://www.governmentjobs.com/careers/highline/jobs/1171391/part-time-faculty-open-continuous>).

WINTER CLASSES:

Chemistry 121 - (A) Lecture MTWF 9-9:50am Labs Th 7-8:50am and 9-10:50am (this is two classes in which the lectures are together and labs are separate) and (B) Lecture TWF 12:15-1:25pm Lab M 12:15-2:05pm

Engr 114 (Engineering Graphics) M-F 11-11:50am

Engr 100 (Orientation to Engr Careers) (A) TTh 10-10:50am and (B) MW 1:30-2:20pm

SPRING CLASSES:

Chem 162 Lecture MThF 9-9:50am Quiz/Discussion sections T 8-8:50am & W 10-10:50am Labs T 9-10:50am & W 8-9:50am (this is two classes in which the lectures are together and discussion sections and labs are separate)

Engr 114 (Engineering Graphics) M-F 10-10:50am

Engr 100 (Orientation to Engr Careers)TTh 10-10:50am

Tenure-Track Analytical Chemistry Faculty Position

Central Washington University | Ellensburg, WA | ACS PSS Posting Date: 10/25/2019

The CWU chemistry department is hiring a tenure-track analytical chemistry faculty position for 2020-2021. To apply, go to <https://careers.cwu.edu> and search for position #3322

Assistant Professor of Chemistry

Seattle Pacific University | Seattle, WA | ACS PSS Posting Date: 09/07/2019

Tenure-track Assistant Professor of Chemistry to start September 1, 2020. The position is a full-time, nine-month appointment. We are specifically interested in inorganic chemists or candidates with cross-disciplinary interests that are related to inorganic chemistry. SPU is a Christian university and applicants will be required to submit a faith statement with their application. Members of historically underrepresented groups, as defined by the National Science Foundation, are especially encouraged to apply. Candidates should show evidence of excellence in teaching and mentoring undergraduates, as well as a strong plan for undergraduate research. Applicants who can demonstrate effective mentoring of students from underrepresented backgrounds are especially welcomed. Applications should be submitted online at: <https://spu.interviewexchange.com/jobofferdetails.jsp?JOBID=113823>

Applications will be accepted until the position is filled, with the interview process beginning November 2019. The University reserves the right to fill the position before the deadline and to close or to extend the deadline as circumstances may warrant.

Research Scientist 2

University of Washington | Seattle, WA | ACS PSS Posting Date: 09/06/2019

The Department of Environmental and Occupational Health Sciences (DEOHS) Environmental Health (EH) is seeking a full-time Research Scientist 2 who reports to the EH Laboratory Director and works directly with Laboratory team (three staff scientists) and multiple UW and external clients through Environmental Health Laboratory, service track, and the Trace Organics Analysis Center (TOAC), research track. The EH Lab service track provides high quality industrial hygiene services and sample analysis for the benefit of workers and employers in Washington State. The core state funding is approximately \$826K per biennium. Research track funding is provided through multiple resources including a large self-sustaining cost center, federal and state funds, and sub-contracts. The EH Laboratory is housed in an academic department with undergraduate and graduate degree offerings. The academic training often incorporates hands-on laboratory training and the EH Laboratory provides many opportunities for students to gain experience with benchwork and use of complex equipment.

Tenure Track Chemistry Education Faculty Position

Western Washington University | Bellingham, WA | ACS PSS Posting Date: 09/06/2019

Applications are invited for one tenure track position at the assistant or associate professor level 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 2020. 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/497193/assistant-or-associate-professor-chemistry-education>. Inquiries may be addressed to Prof. Catherine Clark at (360) 650-2129 or clarkc36@wwu.edu. WWU is an AA/EO employer. For disability accommodation call (360) 650-3774. Review of applications begins September 26, 2019; position open until filled.

Assistant Professor of Chemistry

Pacific Lutheran University | Tacoma, WA | ACS PSS Posting Date: 07/17/2019

The Chemistry Department at Pacific Lutheran University will be hiring a tenure-track Assistant Professor of Chemistry for the 2020-2021 academic year. The search committee will begin reviewing applications on September 3, 2019.

MEMBER BENEFITS

Join ACS!

Benefits and Resources Available to You

[Membership Categories and Dues/Application Process](#)

[Member Benefits](#)

[ACS National Strategic Plan](#)

[Online Resources](#)

[About the Puget Sound Section](#)



ACS National Resources

Helpful Services and Resources

[ACS Publications](#)

[ACS Webinars](#)

[C&EN Webinars](#)

[ACS Science Podcasts](#)

[ACS National and Regional Meetings](#)

[Public Policy Fellowships](#)

[Project Seed](#)

[National Chemistry Olympiads](#)

[Scholars Program](#)

[SCI Scholars Internships](#)

[Sustainability Resources](#)

ACS Webinars

Webinars on Chemistry Themed Topics

Hundreds of webinars presented by subject matter experts in the chemical enterprise.

LIVE every Thursday at 2pm ET!



EXECUTIVE COMMITTEE ROSTER

| Position | Election Year | Name |
|--------------------------------|---------------|--------------------|
| Chair | N/A | Leonard J. Andrews |
| Chair-Elect | Annually | Jennifer Marsalla |
| Past Chair | N/A | Leonard J. Andrews |
| Secretary | Annually | Michael Meechan |
| Treasurer | Annually | David Munch |
| Newsletter Editor | N/A | Jonathan Clark |
| Councilor Position 1 | 2020 | David Patrick |
| Alternate Councilor Position 1 | 2020 | Gwen Gross |
| Councilor Position 2 | 2021 | Gary Christian |
| Alternate Councilor Position 2 | 2021 | John Macklin |
| Councilor Position 3 | 2019 | Craig Fryhle |
| Alternate Councilor Position 3 | 2019 | Carole Berg |
| Councilor Position 4 | 2020 | Dharshi Bopegedera |
| Alternate Councilor Position 4 | 2020 | Charity Lovitt |
| Councilor Position 5 | 2021 | Despina Strong |
| Alternate Councilor Position 5 | 2021 | Natalie Merrill |

Contact Form

[Contact Us Form](#)

OTHER OUTSTANDING VOLUNTEERS

| Position | Name |
|--|--------------------|
| Awards Committee* Chair | Leonard J. Andrews |
| Career Event Committee Chair | Dharshi Bopegedera |
| Communications Committee Chair | Jonathan Clark |
| Earth Day Committee Chair | Karen Goodwin |
| Education Committee* Chair | Jennie Mayer |
| Employment Committee* Chair | Vacant |
| Finance Committee* Chair | David Munch |
| Hospitality Committee* Chair | Carole Berg |
| Pauling Medal Symposium Committee Chair | N/A for 2019 |
| Long-Range Planning Committee* Chair | Vacant |
| Membership Committee* Chair | Vacant |
| National Chemistry Week Committee Chair | Roxanne Hulet |
| Nominating Committee Chair | Leonard J. Andrews |
| Professional Relations & Status Committee* Chair | Vacant |
| Program Committee* Chair | Leonard J. Andrews |
| Public Affairs Committee* Chair | Vacant |
| Public Relations Committee* Chair | Craig Fryhle |
| Regional Activities Committee* Chair | Vacant |
| Safety Committee Chair | Natalie Merrill |
| Senior Chemists Committee Chair | 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 |

*Standing Committee (per the bylaws)



ACS

Chemistry for Life[®]