

# THE CHEMIST

New Website Launch

*The Puget Sound Chemist*

Volume 83 No. 4 - April 2022



**Bylaws Revision**

**In Progress - Stay Tuned**



**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

<https://www.acs.org>

Puget Sound Section Website

<https://www.acspss.org/>

Send us a Message:

[Contact Form](#)



**April 2022**

All ACS members, prospective members and guests are welcome to attend the virtual March Executive Committee Meeting scheduled for Monday, April 11, 2022. An ice-breaker social time starts at 6:30pm. The meeting itself will commence at 7:00pm. Here is the [ZOOM Link](#) for the meeting. It is great to know that you intend to attend, however, no registration is needed.

The Executive Committee voted to announce the creation of a new website for the section (<https://acspss.org/>). It is still being developed.

The Bylaws Revision Committee has completed the first major step in the bylaws revision process. ACS Puget Sound Section members are asked to keep an eye out for an email to vote on accepting/rejecting the new bylaws.



*Jonathan Clark*

Newsletter Editor

# CONTENTS

- 1 From the Editor
- 2 Contents
- 3 **Calendar of Events**
- 4 **News Briefs**
- 9 **Science Cafés**
- 10 **Scholarships, Grants & Awards**
- 12 **Mark Your Calendar**
- 13 **Career Resources**
- 14 **Job Postings**
- 16 **Member Benefits**
- 17 **Puget Sound Section**
- 18 **Executive Committee Roster**
- 19 **Other Outstanding Volunteers**



**ACS**  
Chemistry for Life®

# CALENDAR OF EVENTS

## APR 11 Executive Committee Meeting

Time: 6:30pm (Ice-breaker Social) / 7:00pm (Meeting)  
Location: Virtual Event ([ZOOM Link](#)) No registration needed.

## APR 12 Diversity Book Discussion Group

Time: 7:00pm  
Location: Virtual Event (See flyer on [page 5](#) for details)

## APR 14 Dr. Isiah Warner

Time: 4:00pm  
Location: Virtual Event

## APR 24 CCEW Poetry Contest Deadline

More Info: See flyer on [page 7](#) for details

---

## AUG 21 - AUG 25 [ACS National Meeting - Fall 2022](#)

Theme: Sustainability in a Changing World  
Location: Chicago, Illinois and Online

## MAR 26 - MAR 30 [ACS National Meeting - Spring 2023](#)

Theme: Crossroads of Chemistry  
Location: Indianapolis, IN

# PUGET SOUND SECTION

## Hopkins Award Lecture in Chemistry

April 12, 2022 | 4:00pm-5:00pm | Dr. Deborah Wiegand

### Hopkins Award Lecture in Chemistry: Dr. Deborah Wiegand

“Recurring Themes in UW Chemistry Education, 1990 to 2022”

Tuesday, April 12, 2022 | 4:00-5:00 pm

In person at the University of Washington in Seattle: Bagley Hall, Room 261

Online: [Register for Zoom](#)

Reception to follow in the Chemistry Building, Room 102

If you plan to attend the lecture in person and are not a current UW student or employee, please RSVP by sending an email to [chemdept@uw.edu](mailto:chemdept@uw.edu).

If you cannot attend or experience technical difficulties, this event will be recorded and available on our website. After April 19, check [the event page](#) for the link to the recording.



### Recurring Themes in UW Chemistry Education, 1990 to 2022

Consistency in themes emerges when comparing undergraduate education in the Department of Chemistry from the 1990s to today. Improving student learning, strengthening students' sense of belonging in STEM, and enhancing their engagement with the content persist as top priorities of the department. But over the years, our approaches have evolved as chemistry education research has deepened our understanding of the student experience. Join us to learn more about our efforts in building an educational program with student success at the center.

**About Debbie Wiegand:** <https://chem.washington.edu/people/deborah-wiegand>

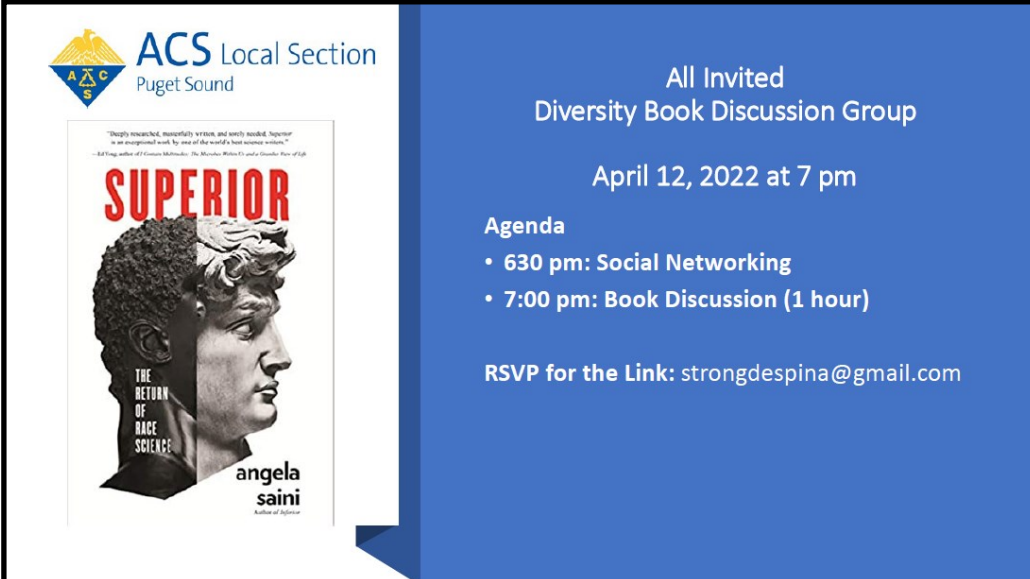
### About the Hopkins Award Lecture

The Paul B. Hopkins Endowed Faculty Award Fund in Chemistry was established in 2003 by Professor Emeritus B. Seymour Rabinovitch to honor the achievements of Paul B. Hopkins, professor emeritus of chemistry, and chair of the Department of Chemistry from 1995-2015. It is the donor's preference that this fund supports an award to honor outstanding accomplishments made by a member of the Chemistry faculty in any area of professional responsibility. The donor's further intent is that this award will bring the recipient's work to the attention of the greater University community while fostering fellowship among faculty and students.

## Diversity Book Discussion Group

April 12, 2022 | 7:00pm | Virtual

Everyone is invited to join the DEIR Committee Book Discussion Group. We meet every other month on the second Tuesday at 7 pm. Please email [strongdespina@gmail.com](mailto:strongdespina@gmail.com) for details.



The graphic is a rectangular box with a white left side and a blue right side. On the white side, there is the ACS Local Section Puget Sound logo at the top left, followed by a quote: "Deeply researched, masterfully written, and utterly needed, Superior is an exceptional work by one of the world's best science writers." attributed to Ed Yong. Below this is the book cover for 'SUPERIOR: THE RETURN OF RACE SCIENCE' by Angela Saini, which features a classical bust of a man's head. The blue side contains the event details: 'All Invited Diversity Book Discussion Group', the date and time 'April 12, 2022 at 7 pm', an 'Agenda' section with two items: '630 pm: Social Networking' and '7:00 pm: Book Discussion (1 hour)', and an 'RSVP for the Link: strongdespina@gmail.com'.

ACS Local Section  
Puget Sound

"Deeply researched, masterfully written, and utterly needed, Superior is an exceptional work by one of the world's best science writers."  
—Ed Yong, author of *Stolen Minds*, *The Molecule*, *Wicks*, and *Gender Wars of Life*

**SUPERIOR**

THE RETURN OF RACE SCIENCE

angela  
saini  
author of *Superior*

All Invited  
Diversity Book Discussion Group

April 12, 2022 at 7 pm

Agenda

- 630 pm: Social Networking
- 7:00 pm: Book Discussion (1 hour)

RSVP for the Link: [strongdespina@gmail.com](mailto:strongdespina@gmail.com)

## Dr. Isiah Warner

April 14, 2022 | Virtual | GUMBOS: A Materials Approach to Analytical Chemistry



### Webinar Series by Diversity, Equity, Inclusion and Respect (DEIR)

April 14, 2022 4-5pm Pacific Time

Moderator: Gary Christian, PhD  
Emeritus Professor, University of Washington

Speaker: Isiah Warner, PhD  
Vice President for Strategic Initiatives  
Boyd Professor and Philip W. West Professor of Analytical and Environmental Chemistry;  
Howard Hughes Medical Institute Professor

### GUMBOS: A Materials Approach to Analytical Chemistry

Learn about room temperature ionic liquids (RTILs) and similar solid phase materials which they've named GUMBOS – Group of Uniform Materials Based on Organic Salts. They have tunable properties – solubility, melting point, viscosity, thermal stability and functionality. They have melting points in the range of 25-100°C and up to 250°. He will discuss applications of GUMBOS and nanoGUMBOS.

Dr Warner will also discuss educational and mentoring initiatives to enhance participation of underrepresented groups in STEM. This has allowed LSU Chemistry to be #1 in the country of percentage of PhDs awarded to under-represented minorities and #1 for PhDs awarded to women.



**All are welcome!** Register in advance for this webinar:

[https://us02web.zoom.us/webinar/register/WN\\_grElokdrSoW9\\_wUGpjMRYg](https://us02web.zoom.us/webinar/register/WN_grElokdrSoW9_wUGpjMRYg)

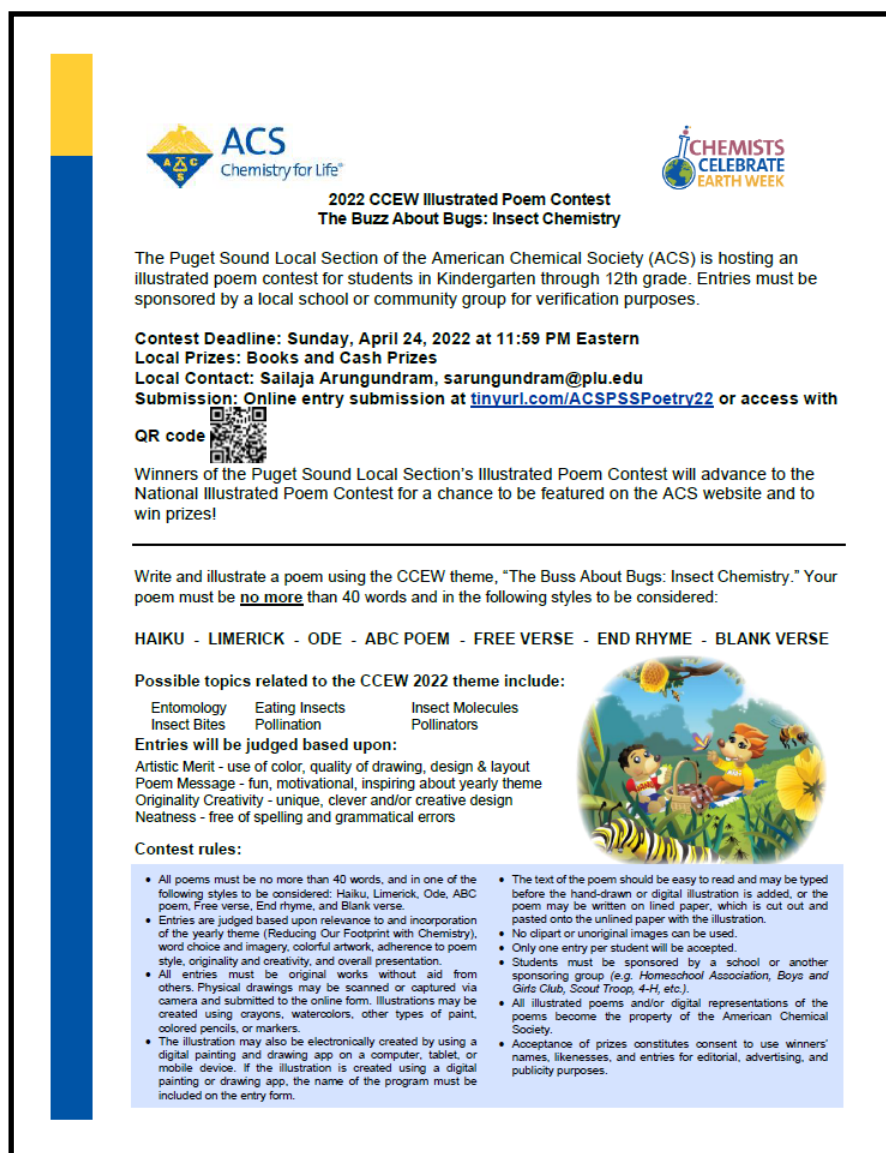
After registering, you will receive a confirmation email containing information about joining the webinar. Please contact [tonnsj@plu.edu](mailto:tonnsj@plu.edu) for more info.


## 2022 Earth Day Poetry Contest


Chemists Celebrate Earth Week (CCEW) 2022

Earth Week 2022 is April 17–23, 2022 with the theme, “The Buzz About Bugs: Insect Chemistry” In honor of Earth Week, ACS sponsors an illustrated poem contest for K-12 students. All poem submissions will first be sent to ACS Puget Sound Section Earth Week coordinator (Sailaja Arungundram), judged locally and the local first-place winning poems will be submitted to the national contest. Please submit your poem by visiting ACS-PSS's the poetry submission site <https://tinyurl.com/ACSPSSPoetry22> . Contest Deadline: Sunday, April 24, 2022 at 11:59 PM Eastern. For more information on poem themes and an online submission link, please see the flyer below.

### [American Chemical Society Chemists Celebrate Earth Week Illustrated Poem Contest](#)




 **ACS**  
Chemistry for Life®

 **CHEMISTS  
CELEBRATE  
EARTH WEEK**

**2022 CCEW Illustrated Poem Contest**  
**The Buzz About Bugs: Insect Chemistry**

The Puget Sound Local Section of the American Chemical Society (ACS) is hosting an illustrated poem contest for students in Kindergarten through 12th grade. Entries must be sponsored by a local school or community group for verification purposes.

**Contest Deadline: Sunday, April 24, 2022 at 11:59 PM Eastern**  
**Local Prizes: Books and Cash Prizes**  
**Local Contact: Sailaja Arungundram, sarungundram@plu.edu**  
**Submission: Online entry submission at [tinyurl.com/ACSPSSPoetry22](https://tinyurl.com/ACSPSSPoetry22) or access with**

**QR code** 

Winners of the Puget Sound Local Section's Illustrated Poem Contest will advance to the National Illustrated Poem Contest for a chance to be featured on the ACS website and to win prizes!

---

Write and illustrate a poem using the CCEW theme, “The Buzz About Bugs: Insect Chemistry.” Your poem must be **no more** than 40 words and in the following styles to be considered:

**HAIKU - LIMERICK - ODE - ABC POEM - FREE VERSE - END RHYME - BLANK VERSE**

**Possible topics related to the CCEW 2022 theme include:**


Entomology	Eating Insects	Insect Molecules
Insect Bites	Pollination	Pollinators

**Entries will be judged based upon:**

- Artistic Merit - use of color, quality of drawing, design & layout
- Poem Message - fun, motivational, inspiring about yearly theme
- Originality Creativity - unique, clever and/or creative design
- Neatness - free of spelling and grammatical errors

**Contest rules:**

- All poems must be no more than 40 words, and in one of the following styles to be considered: Haiku, Limerick, Ode, ABC poem, Free verse, End rhyme, and Blank verse.
- Entries are judged based upon relevance to and incorporation of the yearly theme (Reducing Our Footprint with Chemistry), word choice and imagery, colorful artwork, adherence to poem style, originality and creativity, and overall presentation.
- All entries must be original works without aid from others. Physical drawings may be scanned or captured via camera and submitted to the online form. Illustrations may be created using crayons, watercolors, other types of paint, colored pencils, or markers.
- The illustration may also be electronically created by using a digital painting and drawing app on a computer, tablet, or mobile device. If the illustration is created using a digital painting or drawing app, the name of the program must be included on the entry form.
- The text of the poem should be easy to read and may be typed before the hand-drawn or digital illustration is added, or the poem may be written on lined paper, which is cut out and pasted onto the unlined paper with the illustration.
- No clipart or unoriginal images can be used.
- Only one entry per student will be accepted.
- Students must be sponsored by a school or another sponsoring group (e.g. Homeschool Association, Boys and Girls Club, Scout Troop, 4-H, etc.).
- All illustrated poems and/or digital representations of the poems become the property of the American Chemical Society.
- Acceptance of prizes constitutes consent to use winners' names, likenesses, and entries for editorial, advertising, and publicity purposes.





## Volunteer Opportunities

ACS Puget Sound Section | 2022 Invite Message

Despite the lack of in-person events, there are opportunities to get involved with the Puget Sound Section in a volunteer capacity. There are roles that are easy and there are roles that involve greater responsibility and scope. Volunteering offers opportunities to add things to your resume, exposes you to networking opportunities and gives you opportunities to develop soft skills. If you have had an extensive career in chemistry, you can 'pay-it-forward' by becoming a mentor for younger chemists. Volunteering can be a richly rewarding activity.

If you are interested, please reach out to us! There are many ways to get in contact with us, but one easy way is through the [Contact Form](#). Learn more about the Puget Sound Section by reading our [Mission/Vision Statement](#). You can get a sense of how things operate by reading the '[Bylaws of the Puget Sound Section of the American Chemical Society](#)'\*. Member involvement is an important aspect of the continued success of the Puget Sound Section.



\*Note: The Bylaws Revision Committee has completed the first major step in the bylaws revision process. The revised bylaws will be sent out to the Puget Sound Section membership for approval by vote in the near future. Stay tuned!

## Younger Chemists Committee

Puget Sound Section YCC

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.



## 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.

Website: <https://www.pacificsciencecenter.org/science-in-the-city/>

## Science on Tap

Seattle Science Café

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

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

## Olympia Science Café

Science Café in Olympia, WA

## Puget Sound Section | Awards and Scholarships

The ACS PSS Education Committee offers the following awards and scholarships:



### K-12 Educator Grants

For Supplies, Books, Courses,  
Symposia and Continued Education  
Up to \$500

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

[K-12 Grant Application Form](#)

**Applications are accepted year round.**



### William J Wasserman Memorial Scholarship

2-year College Student Scholarship  
\$1500

Application Form: ([Word](#)) ([PDF](#))

Resources: ([Article](#)) ([Puget Sound Colleges List](#))

**Application Deadline: March 1, 2022**



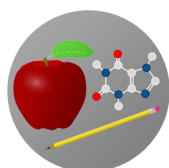
### Julia Ann Rutherford Memorial Scholarship

4-year College Student Scholarship  
\$1500

Application Form: ([Word](#)) ([PDF](#))

Resources: ([Article](#)) ([Puget Sound Colleges List](#))

**Application Deadline: March 1, 2022**



### High School Teacher of the Year Award

\$250 Cash Award and  
\$750 for Chemistry Lab Supplies

The Education Committee accepts nominations all year round and selects one teacher for this award per year.

[HS Teacher of the Year Award Application Form](#)

**Awarded: January 1 each year**



### ACS Student Affiliate Chapter Grants

For Activities and/or Travel  
Up to \$500

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

[ACS Student Affiliate Chapter Grant Application Form](#)

**Applications are accepted year round.**

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, Alyssia Snow, Despina Strong, Lauren Wugalter, Amar Yahiaoui

Please [send us a message](#) or email Jennie Mayer (Education Committee Chair; [jmayer@bellevuecollege.edu](mailto:jmayer@bellevuecollege.edu)) with any questions.

## 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.



The 2022 nominations submission window for Heroes of Chemistry will close February 1, 2022.

For more information on the application process, please email [chemhero@acs.org](mailto: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 15-January 4 annually.



# MARK YOUR CALENDAR

## ACS National Meeting | Fall 2022

August 21-25, 2022 | Chicago, IL and Online | Sustainability in a Changing World



## ACS National Meeting | Spring 2023

March 26-30, 2023 | Indianapolis, IN | Crossroads of Chemistry



# 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](#)

[ACS Career Consulting](#)

[ACS National Job Postings \(C&EN\)](#)



## 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 out for future announcements and details regarding the next event.

# JOB POSTINGS

## 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.

## Laboratory Supervisor

[Northwest University](#) | Kirkland, WA | ACS PSS Posting Date: 4/1/2022

The Department of Natural Sciences at Northwest University invites applications for a Laboratory Supervisor, beginning August 2022. See <https://northwestu.edu/jobs/>. Review of applicants will begin immediately. The Laboratory Supervisor works in support of all members of the science faculty but reports directly to the chair of the department of Natural Sciences and Mathematics. This position is contracted (11 months, with 5 weeks of vacation taken between June 1 and July 31), paid over 12 months.

## Chem/Ag FT Tenure Track Posting

[Big Bend Community College](#) | Moses Lake, WA | ACS PSS Posting Date: 4/1/2022

We have an interesting new tenure track position that we're hiring for at Big Bend Community College in Moses Lake, WA - a joint Chemistry and Agriculture faculty!

## Chemistry Tenure Track Position

[Green River College](#) | Auburn, WA | ACS PSS Posting Date: 3/1/2022

Green River College has a tenure track chemistry instructor position open now with a starting date of the Fall quarter of 2022. The application closing date is April 17th, 2022. Please see the announcement at: <https://www.schooljobs.com/careers/greenriveredu/jobs/3434306/chemistry-instructor-tenure-track>

## Full-time, Tenure-track Assistant Professor

[Saint Martin's University](#) | Lacey, WA | ACS PSS Posting Date: 2/1/2022

Saint Martin's University, a private Catholic, Benedictine university located in Western Washington, invites applications for a full-time, tenure-track Assistant Professor in the Chemistry program to begin in August 2022. The successful candidate will have a Ph. D. in Chemistry with expertise in Biochemistry. The candidate will be expected to teach classes such as Introduction to Chemistry and Biochemistry with lab, as well as other courses as needed. The candidate should have a strong desire to teach at the undergraduate level. In addition, the candidate is encouraged to perform original research involving undergraduate students.



# MEMBER BENEFITS

## Join the American Chemical Society!

The American Chemical Society (ACS) was founded in 1876

“With more than 150,000 members, the American Chemical Society (ACS) is the world’s largest scientific society and one of the world’s leading sources of authoritative scientific information.” ([ACS Fast Facts](#))

Watch a video about the American Chemical Society [here](#). Read about the history of ACS [here](#).

[American Chemical Society Website](#)

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

[Member Benefits](#)

[ACS National Strategic Plan](#)

[Join ACS](#)



## American Chemical Society Resources

Helpful Information, Services and Resources

[ACS Local Section Information](#)

[ACS Technical Division Information](#)

[ACS Publications](#) (High Quality Publications)

[Chemical & Engineering News \(C&EN\)](#) and [C&EN Webinars](#)

[ACS Webinars](#) (Webinars on Chemistry Themed Topics)

[ACS Pressroom](#)

[ACS Orbitals: Chemistry Podcasts](#)

[ACS Network](#) (Collaborate and connect with members of the chemical community)

[ACS National and Regional Meetings](#)

[ACS Leadership Institute](#)

[ACS Public Policy Fellowships](#)

[ACS Project SEED Program](#) (Summer Experiences for the Economically Disadvantaged)

[National Chemistry Olympiads](#)

[ACS Scholars Program](#)

[ACS Get Experience](#)

[ACS Student Chapters](#) (Chemistry Clubs)

[Sustainability Resources](#)

[The Yellowbook](#)



# PUGET SOUND SECTION

## ACS Puget Sound Section

Founded in 1909, the Puget Sound Section has a rich history

The Puget Sound Section (PSS) is one of many [ACS Local Sections](#). The PSS has approximately 1,900 members in a region stretching from the mouth of the Columbia River in the southwest corner of Washington State up into British Columbia and eastward to the Columbia past Ellensburg. One out of five members lives in Canada. The Puget Sound Section was chartered in 1909.



[ACS Local Section Map](#)



## ACS Local Section Puget Sound

New Website: <https://www.acspss.org/>

ACS Network Page: <https://communities.acs.org/t5/Puget-Sound-Local-Section/gh-p/puget-sound>

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

LinkedIn Group: <https://www.linkedin.com/groups/12010252/>

**Note:** The new website is in development.

# EXECUTIVE COMMITTEE ROSTER

Position	Election Year	Name
Chair	N/A	Curtis Deer
Chair-Elect	Annually	Kristine Deibler
Past Chair	N/A	Natalie Merrill
Secretary	Annually	Michael Meechan
Treasurer	Annually	Sheri Tonn
Newsletter Editor	N/A	Jonathan Clark
Councilor Position 1	2023	David Patrick
Alternate Councilor Position 1	2023	Charity Lovitt
Councilor Position 2	2024	John Macklin
Alternate Councilor Position 2	2024	Sailaja Arungundram
Councilor Position 3	2022	Craig Fryhle
Alternate Councilor Position 3	2022	Carole Berg
Councilor Position 4	2023	Dharshi Bopegedera
Alternate Councilor Position 4	2023	Grady Blacken
Councilor Position 5	2024	Despina Strong
Alternate Councilor Position 5	2024	Garima Thakur

## Contact Information

[Contact Form](#)

# OTHER OUTSTANDING VOLUNTEERS

Position	Name
<a href="#">Awards Committee*</a> Chair	Carole Berg
Bylaws Revision Committee Co-Chairs	Michael Meechan and Jonathan Clark
Career Event Committee Chair	Dharshi Bopegedera
Chemistry Olympiad (UNSCO) Coordinator	Clarita Bhat
Communications Committee Co-Chairs	Jonathan Clark and Craig Fryhle
Diversity, Equity, Inclusion, and Respect Committee Co-Chairs	Sheri Tonn and Leonard J. Andrews
Earth Day Committee Chair	Sailaja Arungundram
<a href="#">Education Committee*</a> Chair	Jennie Mayer
<a href="#">Finance Committee*</a> Chair	David Munch
<a href="#">Hospitality Committee*</a> Chair	Carole Berg
Pauling Award Liaison	Sheri Tonn
<a href="#">Long-Range Planning Committee*</a> Chair	David Munch
<a href="#">Membership Committee*</a> Chair	Jennifer Marsalla
National Chemistry Week Committee Chair	Lauren Wugalter
Nominating Committee Chair	Natalie Merrill
<a href="#">Program Committee*</a> Chair	Kristine Deibler
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

\*Active Standing Committee (per the [bylaws](#))



ACS

Chemistry for Life<sup>®</sup>