

# THE CHEMIST

NORM 2021

*The Puget Sound Chemist*

Volume 82 No. 5 - May 2021



## NORM2021

PEAK CHALLENGES, OCEANS OF OPPORTUNITY  
WWU, BELLINGHAM, WA | MAY 9 - 11

### 2021 Northwest Regional Meeting

### Virtual Event - May 9<sup>th</sup>-11<sup>th</sup>, 2021



**ACS**  
Chemistry for Life®

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.acs.org/pugetsound>

Send us a Message:

[Contact Form](#)



## May 2021

May 6, 2021 is a lecture on “**Building Better Batteries: Designing Polymers for Improved Safety and Performance of Solid-state Lithium-based Batteries.**” Learn more on the [lecture webpage](#).

I would encourage all of you to attend the **All Puget Sound Membership Dinner** on Monday, May 10, 2021. See details on [page 13](#). It officially kicks off at 6:00pm (early bird session at 5:30pm). There will be an opportunity to observe the May Executive Committee meeting. The meeting will be followed by a Q&A session about how the Puget Sound Section operates and delivers value to you, the members. [Register here](#). I want to meet more of you!



**NORM 2021 Is Here!** The 2021 Northwest Regional Meeting is planned as a three day, virtual event hosted by

Western Washington University from May 9-11, 2021. The website for NORM 2021 is (<http://norm2021.org>). Read more on [page 9](#).

Another event that I would encourage you to attend is the virtual, informational event with an open discussion hosted by the **Membership Committee** on Thursday, May 13, 2021 from 6:30-7:30pm (PDT). More info on [page 15](#). Want to find out more about what your local section is doing and what we have coming up? Do you have ideas and want to learn more about how to get involved? This is the event for you! [Register here](#).

Looking to gain volunteer experience? Reach out to us through the [Contact Form](#). There are opportunities to get involved with the Puget Sound Section. Read more on [page 18](#).



*Jonathan Clark*

Newsletter Editor

# CONTENTS

- 1 From the Editor
- 2 Contents
- 3 **Calendar of Events**
- 4 **News Briefs**
- 19 **Science Cafés**
- 20 **Scholarships, Grants & Awards**
- 23 **Mark Your Calendar**
- 25 **Career Resources**
- 26 **Job Postings**
- 27 **Member Benefits**
- 28 **Puget Sound Section**
- 29 **Executive Committee Roster**
- 30 **Other Outstanding Volunteers**



**ACS**  
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# CALENDAR OF EVENTS

MAY

6

## Lynwood W. Swanson Scientific Research Award Lecture

Theme: Building Better Batteries  
Time / Location: 7:00pm | Virtual Event

MAY

9

MAY

11

## NORM 2021 - Northwest Regional Meeting

Theme: Peak Challenges, Oceans of Opportunity  
Location: Online Event Only

MAY

10

## All Puget Sound Membership Dinner & Executive Committee Meeting

Time: 6:00pm  
Location: Virtual Event ([Register Here](#))

MAY

11

## Embracing and Advancing Inclusion... ACS Pres-Elect Angela Wilson

Time: 5:00pm- 6:00pm  
Location: Online ZOOM Event Only

MAY

13

## Puget Sound Section Membership Committee Meeting

Time: 6:30pm - 7:30pm  
Location: Virtual Event ([Register Here](#))

AUG

22

AUG

26

## ACS National Meeting - Fall 2021

Theme: Resilience of Chemistry  
Location: Atlanta, Georgia and Online

MAR

20

MAR

24

## ACS National Meeting - Spring 2022

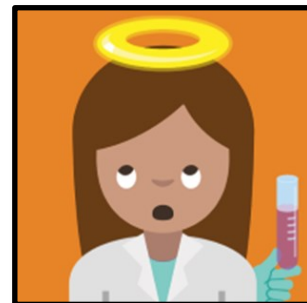
Theme: Bonding Through Chemistry  
Location: San Diego, CA

# PUGET SOUND SECTION

## Comments From Our Puget Sound ACS Chair

Natalie A. Merrill | ACS Puget Sound Section Executive Committee Chair

Hello, ACS Puget Sound Section, Friends, Colleagues, Volunteers, Affiliates, and Students, Please register & join us for a virtual Italian-themed dinner before our monthly meeting on Monday, May 10th to socialize within the section, meet your colleagues and possibly win one of the door prizes!



- Make your preferred Italian meal at home: Pasta, Pizza, Gnocchi, or your preference
- Select your beverage for a toast to the Section! Our Wine Tasting Happy Hour April 15th afforded many new wine selection ideas ranging from Barolo to Prosecco, or Barberesco (our speaker suggested it), and a recommendation for Indian Wells Cabernet Sauvignon. Sparkling waters such as Pellegrino and fruit based sparkling Kombucha may also be used for the toast.
- Join us for the dinner, stay to observe the meeting and optionally, the Q&A afterwards.

The Puget Sound Section of the American Chemical Society has monthly meetings held on the second Monday of each month, beginning at 7:00PM. Meetings follow a Roberts Rules of Order format with an agenda, minutes, and old and new business. Anything that comes to a vote is voted on by a quorum of your elected officials which include Officers, Councilors and Alternate Councilors of the Puget Sound Local Section. This month a new draft of the Bylaws is a key action item for forwarding to the National ACS for approval and then membership vote. Our next steps include developing a Membership Handbook.

## All Puget Sound Membership Dinner

**May 10<sup>th</sup>, 6:00 – 7:00 Remote ZOOM Dinner + Committee Opportunities. Join in!**

**7:00 – 8:15 ACS PSS Executive Committee Board Meeting (ALL welcome to observe)**

**8:15- 9:00 Q&A with select Officers and Volunteers of the ACS PSS**

Register at the link provided, to receive the ZOOM link & agenda for May 10<sup>th</sup>:

**Register Here:** <https://forms.gle/vFJQHN9a5iPPo7tw6>

Send any comments to our [Contact Form](#) or to my personal email: [namerrill@gmail.com](mailto:namerrill@gmail.com)

*[continued on next page...]*

## Comments From Our Puget Sound ACS Chair *[continued]*

Natalie A. Merrill | ACS Puget Sound Section Executive Committee Chair

Our Puget Sound Nomination of Dr. Tam'ra-Kay Francis for the **Stanley C. Israel Regional Award for Advancing Diversity in the Chemical Sciences** won the award, and the \$1000! The award recognizes individuals and/or institutions who have advanced diversity in the chemical sciences and significantly stimulated or fostered activities that promote inclusiveness within the region.

Our nomination for the **ACS Division of Chemical Education Glenn and Jane Crosby Northwest Region Award for Excellence in High School Teaching** of Mr. David Stitt, won! This award recognizes, encourages, and stimulates outstanding teachers of high school chemistry in the Northwest Region. The form, teaching philosophy, principal and assistant principal letter, one supporting letter and the full nomination letter (which came out at exactly the 750-word limit) were completed for the region's extended deadline of March 10th. This regionally active high school teacher in the Peninsula School District in our Puget Sound Region has also been suggested as a candidate for our local section Education Awards within the PSS Education Committee chaired by Jennie Mayer.

Winners will be celebrated at NORM:

NORM 2021 will be held virtually on May 9 through May 11, 2021. Organizers at Western Washington University will host online technical symposia, poster sessions, and a vibrant exposition. Thanks to our generous sponsors, student registration for NORM 2021 will be FREE and only a nominal registration fee will be charged for other attendees. *NORM 2021 has been organized by Western Washington University in Bellingham, WA and hosted by ACS Puget Sound Section.* See the Awards descriptions online, attend the awards ceremony!

## Northwest Regional ACS Meeting (NORM)

Please register for Virtual NORM 2021: May 9 through May 11, 2021

Register on the NORM Website: <https://norm2021.org/>

*[continued on next page...]*

## Comments From Our Puget Sound ACS Chair *[continued]*

Natalie A. Merrill | ACS Puget Sound Section Executive Committee Chair

### Insights

**COVID-19 Pandemic ACS Funds for Members and for Membership Renewals and Extra Benefits:** ACS is committed to providing support to our members and member communities in these uncertain times. During the COVID-19 pandemic, the Society has introduced new or expanded some of its existing benefits to meet the changing needs of our members.



#### **Member Dues Waiver**

During this COVID-19 crisis, we are offering renewing members a one-year waiver on your unpaid national dues if you've suffered hardships due to the pandemic. If you have become unemployed, furloughed, have your hours or wages reduced, or are facing illness or family care responsibilities, please contact Member Services at [service@acs.org](mailto:service@acs.org) or via phone at 1-800-333-9511. If you are a member outside the United States, please call 1-614-447-3776.

#### [Work Life Assistance Program for Members](#)

The ACS/Inova Employee Assistance Program (EAP) provides 24/7 assistance to U.S.-based members to help cope with the demands of work and life. Services are provided on a variety of topics by telephone, online chat and a comprehensive web page.

#### [Expanded ACS Webinars Schedule](#)

Missed one of our 2 Live ACS Webinars this week? ACS Members get exclusive access to the archive of over 250 recordings.

#### [Career Consultant Engagements](#)

ACS Career Consultants now offer weekly office hours and Zoom consulting for ACS Members.

#### [SciMeetings](#)

Access over 3,000 recent presentations from ACS Meetings & Expositions.

#### [Professional Education Courses](#)

Continue to grow in your career with ACS Professional Education Courses, now all available online with significant discounts for ACS Members.

#### [Virtual Career Events](#)

Just because we can't get together, doesn't mean you should stop Networking! ACS Virtual Career Events are designed to help job seekers reach their goals and network with other chemists.

*[continued on next page...]*

## Comments From Our Puget Sound ACS Chair *[continued]*

Natalie A. Merrill | ACS Puget Sound Section Executive Committee Chair

### Insights

[ACS Guide to Scholarly Communication](#) - *the definitive resource for getting research published*

For all ACS Members, at the special rate of \$65/yr, the **new** *ACS Guide to Scholarly Communication* covers all instructions from previous editions of *The ACS Style Guide* - completely updated and modernized - is available for your personal use.

#### **LinkedIn Learning**

To help with the unusual challenges from COVID-19, the ACS was happy to offer our members complimentary access to LinkedIn Learning in 2020. Although this special program ended 12/31/20, ACS is evaluating the interest level and usage of LinkedIn Learning, as well as additional options to support members' professional and career development. We will keep you informed about future benefit offerings and encourage you to take advantage of the [current benefits included with your ACS membership](#).



## Lecture: Building Better Batteries

May 6, 2021 | 7:00pm | Lynwood W. Swanson Scientific Research Award Lecture

On Thursday, May 6<sup>th</sup>, 2021 at 7pm Professor Dean Waldow (PLU) will be delivering the Lynwood W. Swanson Scientific Research Award Lecture on "**Building Better Batteries: Designing Polymers for Improved Safety and Performance of Solid-state Lithium-based Batteries.**"

This lecture is part of the 2019 Lynwood W. Swanson Scientific Research Award given to Dean by the M. J. Murdock Charitable Trust in recognition of his impactful work as an academic researcher and mentor.

This lecture is open to the public, and all are welcome to attend. Please encourage your colleagues and students to put this on their calendars.

### Lecture webpage:

<https://www.plu.edu/chemistry/research/waldow/swanson-lecture/>

### Zoom link:

<https://plu-edu.zoom.us/j/95765906138?pwd=QU55ekNvU2F1cDdqRjZGVkVCL2pyZz09>

### Password:

Murdock19

2019 LYNWOOD W. SWANSON  
SCIENTIFIC RESEARCH  
AWARD RECIPIENT FROM THE  
M.J. MURDOCK CHARITABLE TRUST

## BUILDING BETTER BATTERIES

*Designing Polymers for Improved  
Safety and Performance of  
Solid-state Lithium-based Batteries*

Dean Waldow, Ph.D.  
Professor of Chemistry

Lithium-based batteries are increasingly important to many areas of society due to their broad use in devices from electronics to automobiles as well as their potential to store energy from renewable energy sources. This talk will describe my undergraduate research group's synthesis and characterization of polymer materials for use in lithium-based batteries.

VIRTUAL LECTURE  
THURSDAY, MAY 6TH, 7-8PM

[www.plu.edu/chemistry/research/waldow/swanson-lecture](https://www.plu.edu/chemistry/research/waldow/swanson-lecture)

## 2021 ACS Northwest Regional Meeting

NORM 2021 | Peak Challenges, Oceans of Opportunity | May 9-11, 2021

The 2021 Northwest Regional Meeting will be hosted by Western Washington University. The meeting will be fully online and will include technical symposia, poster sessions, and a vibrant exposition. Thanks to generous sponsors, student registration for NORM 2021 will be FREE and only a nominal registration fee will be charged for other attendees.

Find more info on the [NORM 2021 website](#) and the [NORM 2021 Facebook page](#).



# NORM2021

PEAK CHALLENGES, OCEANS OF OPPORTUNITY

WWU, BELLINGHAM, WA | MAY 9 – 11



## 2021 ACS Northwest Regional Meeting *[continued]*

NORM 2021 | Peak Challenges, Oceans of Opportunity

NORM 2021, Peak Challenges, Oceans of Opportunity, will be a three-day ONLINE event hosted by Western Washington University. The meeting will take place virtually Sunday, May 9 through Tuesday, May 11, 2021.



Details, including names and contact information for program and session chairs, can be found on the meeting website at <https://norm2021.org/>. The final program summary will be published in C&EN in the Spring; the online program is available on the website at <https://norm2021.org/program/>

The meeting will highlight peak challenges and opportunities in the Pacific Northwest and beyond. In addition to technical symposia and poster sessions, the symposium will feature two plenary lectures, an eminent scientist lecture, and a vibrant exposition.



The symposium sessions include “Inorganic: Catalysts, Compounds, and Reactions”; “Cottrell Scholars from the Pacific NW and Beyond”; “Natural Products Chemistry in the Northwest”; “Cannabis Chemistry; Oceans of Scientific Opportunity”; “Organic Chemistry”; “Scholarship of Teaching and Learning (SOTL) at Community Colleges”; “Physical Chemistry: Computational to Experimental”; “Analytical Chemistry”; “Chemistry of Energy”; “Materials Chemistry: Chemistry and Applications of Bulk to Quantum Confined Materials”; “Polymer and Macromolecular Chemistry”; “Undergraduate Research Symposium”; “Emergent Applications and Results in Structural and Chemical Biology”, and “PNW Rising Stars” a celebration of early and mid-career women in the NW region, as well as a general poster session comprising these topics.

ACS's Meeting Abstracts Programming System (MAPS) is closed for NORM abstract submission. Abstracts were due 02/08/2021.

## NORM Event: Senior Chemists Breakfast

May 10, 2021 | 8:00am - 9:30am

Chair of the National ACS, Speakers, Chemistry Quiz and prizes. Sponsored by the Puget Sound Section, Senior Chemists Committee. Registration to NORM required. [View speaker flyer here.](#)




### Senior Chemists Breakfast


Hosted by the Puget Sound Section Senior Chemists Committee

Monday, May 10, 2021 • 8:00 am – 9:30 am (PDT)

To Attend Register [here](#) for NORM 2021 • For Inquiries Email: [strongdespina@gmail.com](mailto:strongdespina@gmail.com)




**8:00 am** Introductory Remarks, [Dr. Despina Strong](#)



**8:05 am** National Senior Chemists Committee, [Dr. Arlene Garrison](#)



**8:20 am** Solar Windows: Using Chemistry to Concentrate Sunlight Without Lenses or Mirrors, [Dr. David Patrick](#)

**8:50 am** PNW Chemistry Quiz, [Dr. Kerry Fowler](#)



**9:05 am** Panel Discussion, [Dr. Warren Ford](#) and [Dr. Gerry Meyer](#)

**9:25 am** Closing Remarks, [Dr. Despina Strong](#)



[David Patrick](#)      [Warren Ford](#)      [Gerry Meyer](#)

[continued on next page...]

# NEWS BRIEFS

## NORM Event: PNW Rising Stars Symposium

May 11, 2021 | 1:00pm - 5:00pm

Featuring early career women from the region. Sponsored by the Puget Sound Section Women Chemists Committee. Registration to NORM required. [View speaker flyer here.](#)

**American Chemical Society Northwest Regional Meeting – Virtual Meeting**  
**WCC PNW RISING STARS SYMPOSIUM**

ACS Chemistry for Life® | NORM2021 PEAK CHALLENGES, OCEANS OF OPPORTUNITY | Women CHEMISTS Committee Puget Sound Section

Tuesday, May 11, 2021 • 1:00 pm – 5:00 pm (PDT)  
[Register here for NORM 2021](#) • For Inquiries Email: [strongdespina@gmail.com](mailto:strongdespina@gmail.com)

 Dr. Jeanine Amacher	 Dr. Anne Bentley	Dr. Andrea Munro, Pacific Lutheran University & Dr. Johanna Crane, University of Puget Sound Presiding
 Dr. Lori Robins	 Dr. Amanda Cook	1:00 pm Introductory Remarks 1:10 pm A Second Specificity-Determining Loop in Class A Sortases: Biochemical and Structural Characterization of Natural Sequence Variation in Chimeric SrtA Enzymes. Dr. Jeanine Amacher, Western Washington University
 Dr. Maegan Weltzin	 Dr. Shirmir Branch	1:35 pm Silver Nanoparticle Stability in the Presence of Gold Nanoparticle Solutions. Dr. Anne Bentley, Lewis & Clark College
 Dr. Liane Moreau	 Dr. Jessica Ray	2:00 pm Improving Odor Control and Sanitation in Developing Countries by Modification of Malodorous Compounds and Inactivation of Human Norovirus by Hypochlorous Acid. Dr. Lori Robins, University of Washington Bothell
		2:25 pm Mechanism of Oxidative Addition of Pd(0) to Tertiary Silanes. Dr. Amanda Cook, University of Oregon
		2:50 pm Intermission 3:00 pm Sleep-Related Hypermotor Epilepsy-Associated Mutation Disrupts VILIP-1 Modulation of Nicotinic Acetylcholine Receptors. Dr. Maegan Weltzin, University of Alaska Fairbanks
		3:25 pm Spectroelectrochemical Applications for Molten Salt Reactor Chemistry. Dr. Shirmir Branch, Pacific Northwest National Laboratory
		3:50 pm Synthesis and Spectroscopic Characterization of Mixed Uranium Oxides at the Nanoscale. Dr. Liane Moreau, Washington State University
		4:15 pm Spent Coffee Grounds Biochar for Effective, Sustainable and Cost-Effective Removal of Trace Organic Urban Stormwater Contaminants. Dr. Jessica Ray, University of Washington
		4:40 pm Concluding Remarks
		WCC Chair Dr. Amy Balija Radford University
		WCC PSS Chair Dr. Despina Strong King County Retired
		Visit <a href="http://www.acswcc.org">www.acswcc.org</a> for more information about the Women Chemists Committee

[continued on next page...]

# NEWS BRIEFS

## All Puget Sound Membership Dinner

May 10, 2021 | 6:00pm | Virtual Social Dinner and Executive Committee Meeting

Come socialize and sit in for the May 2021 ACS PSS Executive Committee meeting! [View flyer.](#)

### Agenda

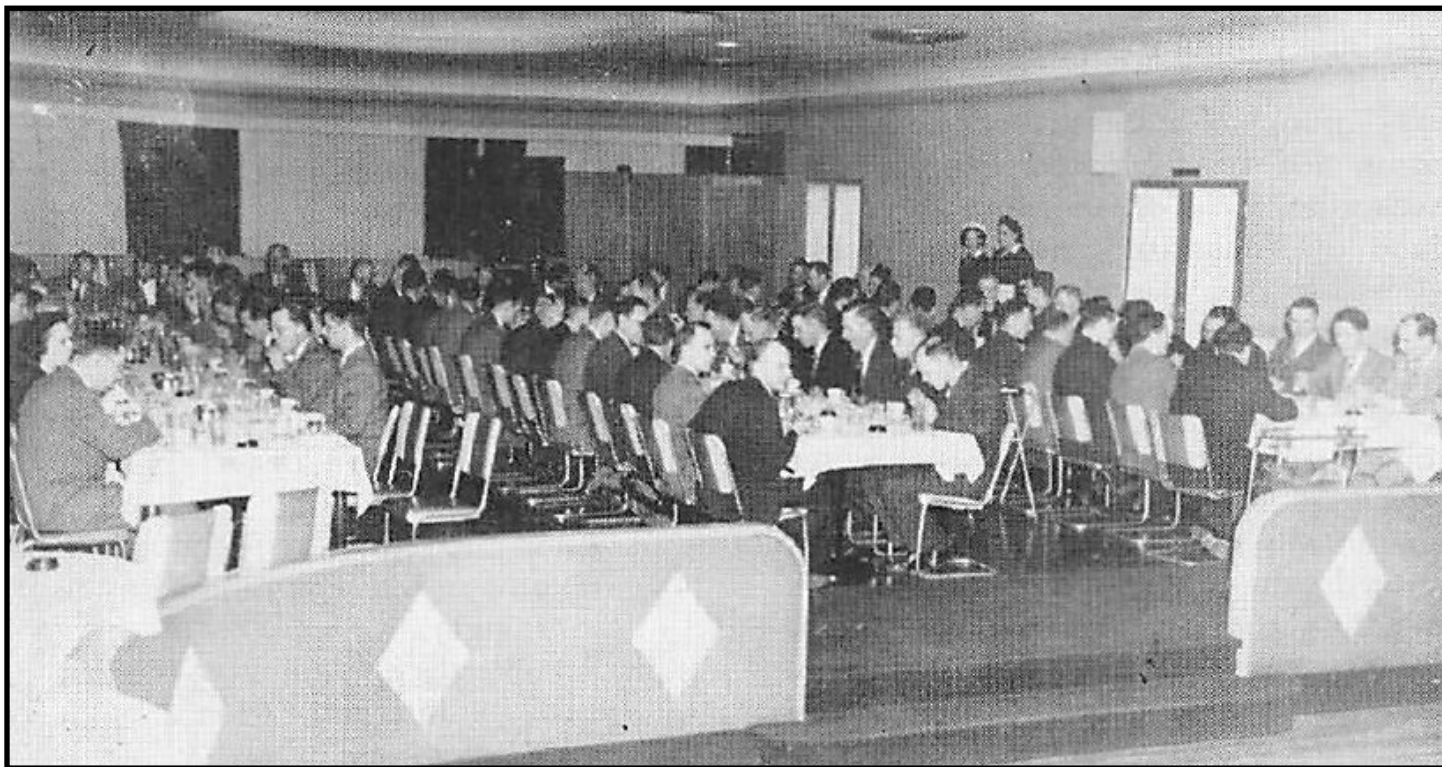
5:30pm - Early Bird Chat Session (ALL)

6:00pm - Social Dinner, Door Prizes and Toast (ALL)

7:00pm - ACS Puget Sound Section Executive Committee Meeting (OBSERVE / OPTIONAL)

8:15pm - Open Q&A (ALL)

[Register Here](#)



**Image of the April Meeting Dinner from 1949.**

Sourced from the May 1949 Edition of The Puget Sound Chemist newsletter.

## Angela Wilson ZOOM Event

May 11, 2021 | 5:00pm | Virtual Event

[Register Here](#)



### Embracing and advancing inclusion and equity across the American Chemical Society with ACS President-Elect Angela Wilson

Tuesday – May 11, 2021 – 5:00 to 6:00 PM (PDT)  
Online Zoom Event

Please join the California, Portland, and Puget Sound local sections as we build community along the West Coast by coming together for a virtual meeting. We are delighted to host Professor Angela Wilson who will speak about issues that bridge the Local and National levels of the ACS. Dr. Wilson will also focus on how science advocacy can be strengthened through diversity and inclusion. The presentation will be followed by a Q&A.

[RSVP here!](#)

Zoom link to be shared with attendees the day of the event.

#### Our Distinguished Speaker:



Professor Angela K. Wilson, PhD  
John A. Hannah Distinguished Professor in the  
Department of Chemistry  
Michigan State University  
President-Elect of the American Chemical Society

The event is FREE and open to the community. More information at: [calacs.org](http://calacs.org) or email [aliciaataylor@gmail.com](mailto:aliciaataylor@gmail.com) or [abaggett@linfield.edu](mailto:abaggett@linfield.edu)

## PSS Membership Committee Meeting

May 13, 2021 | 6:30pm - 7:30pm | Virtual Event

[Register Here](#)



ACS  
Chemistry for Life®

### Membership Committee Meeting

American Chemical Society | Puget Sound Section

Thu, May 13, 2021 | 6:30-7:30 PM (PDT)

Virtual Event

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New to the section?

Have you been a member for years?

We want YOU to help build the Puget Sound Section; come network and explore the benefits of ACS membership at the local level.

All participants will be registered to win a  
[‘Chocoholic Coffee Gift Box’](#) from [‘Grounds for Change’](#)!

**Register here:**

<https://forms.gle/vM9ceHir8LNp1cYXA>

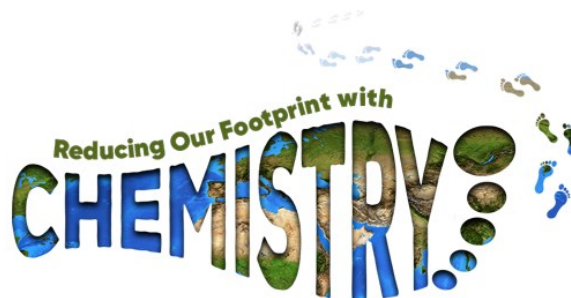
American Chemical Society | Puget Sound Section



## 2021 Earth Day Poetry Contest

Chemists Celebrate Earth Week (CCEW) 2021

Earth Week 2021 was April 18–24 with the theme, “Reducing Our Footprint with Chemistry.” In honor of Earth Week, ACS sponsors an illustrated poem contest for K-12 students. Please submit your poem submissions using the link in the flyer. Entries will be judged locally and the local first-place winners will be submitted to the national contest. For questions about the contest, please contact ACS Puget Sound Section local section Earth Week coordinators: Sailaja Arungundram ([asailaja@hotmail.com](mailto:asailaja@hotmail.com)) and Natalie Merrill ([namerrill@gmail.com](mailto:namerrill@gmail.com)). Please select “Puget Sound” as your local section from the drop-down menu while submitting your entry.



**NEW Contest Deadline: May 1, 2021 at 11:59 PM Eastern.**

For more information on poem themes and an online submission link, please see the flyer below.

[ACS Puget Sound Illustrated Poetry Contest Information](#)

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

**ACS**  
Chemistry for Life®

**CHEMISTS CELEBRATE EARTH WEEK**

**2021 CCEW Illustrated Poem Contest**  
Reducing Our Footprint with Chemistry

The ACS Puget Sound Section 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: May 1, 2021 at 11:59 PM Eastern**  
**Local Prizes: TBA, Certificates & cash awards for winning poems!**  
**Local Contact: Natalie Merrill, [namerrill@gmail.com](mailto:namerrill@gmail.com) and Sailaja Arungundram**  
**Submission: Submit entries online at [bit.ly/CCEWpoems](http://bit.ly/CCEWpoems)**

Winners of the ACS Puget Sound Section 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, "Reducing Our Footprint with 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 2021 theme include:

Life cycles	Clean air and water	Environmental footprints
Reduce	Reuse	Recycle

**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.

## 50-60-70 Year ACS Membership Milestones

ACS Puget Sound Section

### 50 Years

Dr Allan Buchholz  
Dr Amar Neogi  
Dr Francis Cathedral  
Dr Gregory Smith  
Dr Mark Yunker  
Prof Sheri Tonn  
Ms Sylvia Markham

### 60 Years

Mr Domenick Bertelli  
Dr George Kriz  
Dr Harry Bell  
Dr Hugh Ewart Jr  
Dr Kenneth Daugherty  
Dr Norman Nielsen  
Dr Philip Hamlin  
Dr R Mahalingam  
Dr Ralph Farrar  
Mr Richard Cordell  
Dr Robert Baker Jr  
Mr Ronald Hanson

### 70 Years

Dr Howard Porte  
Dr J Mayer  
Mr John Harrison  
Mr Terence Brown

## 2021 Nominating Committee

2021 ACS Puget Sound Section Nominating Committee

### Nominating Committee

Jennifer Marsalla (Nominating Committee Chair)

Carole Berg

Jonathan Clark

John Macklin

Gary Christian

## Volunteer Opportunities

ACS Puget Sound Section | 2021 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 committee dedicated to reviewing and proposing revisions to the bylaws this calendar year has completed the first major step in the process. Please get in contact with us with any suggestions and comments. Feel free to use the [Contact Form](#) for this.

## Younger Chemists Committee

Puget Sound Section YCC Meetings

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

## 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, 2021**



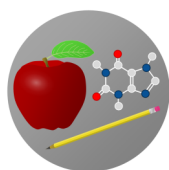
### Julia Ann Rutherford Memorial Scholarship

4-year College Student Scholarship  
\$1500

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

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

**Application Deadline: March 1, 2021**



### 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 nomination period for the 2021 Heroes of Chemistry Award opened November 1, 2020 and closed on February 1, 2021.

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.



## The Pauling Award

### Linus Pauling Medal Award

The Linus Pauling Medal Award is jointly sponsored by the Puget Sound, Portland and Oregon Local Sections. It is presented in recognition of outstanding achievement in chemistry.



# MARK YOUR CALENDAR

## ACS National Meeting | Fall 2021

August 22-26, 2021 | Atlanta, GA | Resilience of Chemistry



## Pacifichem 2021: A Creative Vision for the Future

December 16-21, 2021 | Honolulu, Hawaii

Pacifichem is a conference that is organized by seven host societies, including the American Chemical Society.

Learn more on the Pacifichem website: <https://pacifichem.org/>

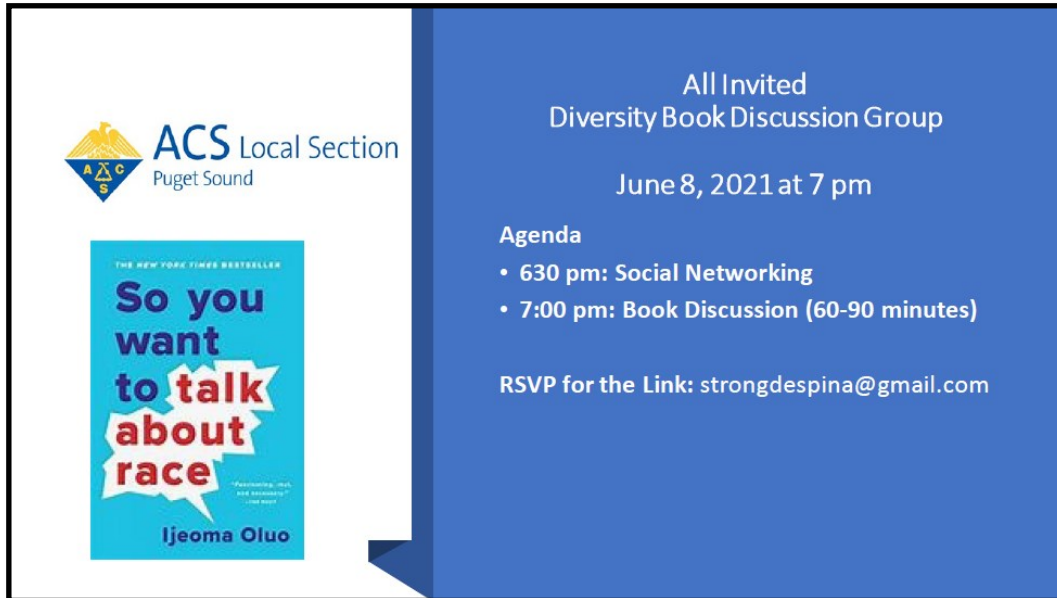


# MARK YOUR CALENDAR

## DEIR Committee

June 8, 2021 | Diversity Book Discussion Group

"So you want to talk about race" by Ijeoma Oluo



The flyer is divided into two main sections. The left section is white and contains the ACS Local Section Puget Sound logo at the top, followed by the book cover for "So you want to talk about race" by Ijeoma Oluo. The right section is blue and contains the event details: "All Invited Diversity Book Discussion Group", the date and time "June 8, 2021 at 7 pm", an agenda with two items: "6:30 pm: Social Networking" and "7:00 pm: Book Discussion (60-90 minutes)", and the RSVP information "RSVP for the Link: [strongdespina@gmail.com](mailto:strongdespina@gmail.com)".

ACS Local Section  
Puget Sound

THE NEW YORK TIMES BESTSELLER  
**So you  
want  
to talk  
about  
race**  
Ijeoma Oluo

All Invited  
Diversity Book Discussion Group

June 8, 2021 at 7 pm

Agenda

- 6:30 pm: Social Networking
- 7:00 pm: Book Discussion (60-90 minutes)

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

# 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.

## Chemistry Professor - Tenure Track

Tacoma Community College | Tacoma, WA | ACS PSS Posting Date: 01/24/2021

Tacoma Community College is pleased to announce a full-time, tenure-track position in Chemistry beginning fall term 2021. The position entails teaching a variety of courses within the chemistry curriculum, with an emphasis on those for pre-allied health students, such as introductory general, organic, and biochemistry. TCC is situated in the metropolitan Puget Sound region and attracts students from diverse backgrounds, both locally and internationally. Applications should be submitted directly through the College (<https://www.governmentjobs.com/careers/tacomacc/jobs/2921480/chemistry-professor-tenure-track>) and will be reviewed starting January 15<sup>th</sup>.

# 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 a little more than 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

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

Website (full URL): <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:** In July 2019, the ACS Puget Sound Section website was moved to its new home on the ACS Network. The ACS Network moved to a new platform in late 2020. That move disrupted things a bit. Stay tuned for updates!

# EXECUTIVE COMMITTEE ROSTER

Position	Election Year	Name
Chair	N/A	Natalie Merrill
Chair-Elect	Annually	Curtis Deer
Past Chair	N/A	Jennifer Marsalla
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	2021	Gary Christian
Alternate Councilor Position 2	2021	John Macklin
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	2021	Despina Strong
Alternate Councilor Position 5	2021	Natalie Merrill

## Contact Information

[Contact Form](#)

# OTHER OUTSTANDING VOLUNTEERS

Position	Name
Awards Committee* 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 Chair	Jonathan Clark
Diversity, Equity, Inclusion, and Respect Committee Co-Chairs	Sheri Tonn and Leonard J. Andrews
Earth Day Committee Chair	Sailaja Arungundram
Education Committee* Chair	Jennie Mayer
Employment Committee* Chair	Vacant
Finance Committee* Chair	David Munch
Hospitality Committee* Chair	Carole Berg
2020 Pauling Medal Symposium Committee Chair	Gojko Lalic
Long-Range Planning Committee* Chair	David Munch
Membership Committee* Chair	Jennifer Marsalla
National Chemistry Week Committee Chair	Lauren Wugalter
Nominating Committee Chair	Jennifer Marsalla
Professional Relations & Status Committee* Chair	Vacant
Program Committee* Chair	Curtis Deer
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<sup>®</sup>