

# THE CHEMIST

NORM 2017

*The Puget Sound Chemist*

Volume 78 No. 6 - June 2017



**NORM** 2017  
Innovation & Unanticipated Discoveries

**Northwest Regional Meeting (NORM '17)**

June 25<sup>th</sup> to 28<sup>th</sup>, 2017



Newsletter of the Puget Sound Section  
of the American Chemical Society



# From the Editor

## THE PUGET SOUND CHEMIST

Newsletter of the  
Puget Sound Section  
of the  
American Chemical Society

American Chemical Society Website

<http://acs.org>

Puget Sound Section Website

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

Please address general email  
correspondence to:

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

### **NORM 17 to be outstanding!**

The Northwest Regional Meeting will be held in Corvallis, OR from June 25<sup>th</sup> to 28<sup>th</sup>, 2017. The [NORM 2017 website](#) is full of info about this meeting and all of the associated events.

The YCC is putting on a networking event at the Flat Iron Grill in Issaquah on June 22<sup>nd</sup>, 2017. The event will start at 6:00pm. Further details on [page 8](#).

Call for Nominations! The 2018 positions that are up for election include:  
Chair-Elect (three year commitment as Chair-Elect/Chair/Past Chair)  
Secretary  
Treasurer  
Councilor (Two positions up for election)  
Alternate Councilor (Two positions up for election)

The Nominating Committee Members:  
Sheri Tonn, Nominating Committee Chair  
Nadine Gruhn  
Greg Milligan

Cheers!



*Jonathan Clark*

Newsletter Editor

# Contents

- 1 [From the Editor](#)
- 2 [Contents](#)
- 3 [Calendar](#)
- 4 [News Briefs](#)
- 11 [Science Cafés](#)
- 12 [Younger Chemists Committee](#)
- 13 [Mark Your Calendar](#)
- 15 [Careers](#)
- 17 [Roster](#)



# Calendar – June 2017

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

## **12 June 2017 – Executive Committee Meeting**

Time: 7:00pm

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

Room 2328C - South end of the 2<sup>nd</sup> floor of the Instruction Building (IB)

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

## **22 June 2017 – Beers with Peers – YCC Networking Event**

Time: 6:00pm - 8:00pm

Location: Flat Iron Grill, Issaquah - 317 NW Gilman Blvd #28, Issaquah, WA 98027

## **25-28 June 2017 – NORM '17 (Northwest Regional Meeting 2017)**

Location: LaSells Stewart Center (Oregon State University) - 875 SW 26th St, Corvallis, Oregon

***Puget Sound Section***

# Call for Nominations

## Call for Nominations for the 2018 ACS Puget Sound Section Executive Officers

The ACS Puget Sound Section is calling for nominations for its executive committee elections for offices starting in January 2018. We have seven positions up for election and we would love your contributions to the continued success of our section. A brief description of the duties for each position is provided below.

### **Section Chair-Elect/Chair/Past-Chair (1 Year Term per Position - One open position)**

This is a three year commitment serving one year as Chair-Elect, Chair, and Past-Chair. The duties vary slightly with each. Chair-Elect is the open position for 2018.

#### **Chair-Elect (2018) Responsibilities**

- attend executive committee meetings and facilitate meetings in the chair's absence
- head the speakers' bureau committee
- attend the Leadership Institute training sponsored by ACS

#### **Chair (2019) Responsibilities**

- lead executive committee meetings and provide leadership
- appoint committee chairs
- ensure timely completion of business tasks

#### **Past-Chair (2020) Responsibilities**

- attend executive committee meetings
- provide support to the Chair, Chair-Elect, and the executive committee
- complete annual report for previous year
- lead the nominating committee

# News Briefs

## Call for Nominations for the 2017 ACS Puget Sound Section

### Executive Officers

#### **Secretary (1 Year Term - One open position for 2018)**

##### **Secretary's Responsibilities**

- taking and distributing notes at executive committee meetings
- create and manage election ballot and work with election Tellers to validate election results
- submit the election results and committee nomination to the national office

#### **Treasurer (1 Year Term - One open position for 2018)**

##### **Treasurer's Responsibilities**

- prepare a monthly budget and manage the section's accounts
- manage cash inflows and outflows
- work with the finance committee to review the section's finances and prepare the annual budget
- complete the financial section of the annual report.

#### **Councilor (3 Year Term - Two open positions for 2018-2020)**

##### **Councilor's Responsibilities**

- represent the section at the two National meetings and serve on national committees
- advise the chair, the executive committee and other committee chairs
- volunteer or be assigned to serve on section committees and subcommittees

#### **Alternate Councilor (3 Year Term – Two open positions for 2018-2020)**

##### **Alternate Councilor's Responsibilities**

- fulfill the role of a councilor when the councilor is not available
- attend the regional NORM meeting
- volunteer or be assigned to serve on section committees and subcommittees.

# News Briefs

## Call for Nominations for the 2017 ACS Puget Sound Section

### Executive Officers

#### **Nominations and Elections Timeline - *(Subject to change)***

Call for nominations	June 1 <sup>st</sup> – August 31 <sup>st</sup>
Voting (mail and online)	September 8 <sup>th</sup> – September 30 <sup>th</sup>
Election Validated	By October 2 <sup>nd</sup>

#### **Nominating Committee**

Sheri Tonn, Nominating Committee Chair  
Nadine Gruhn  
Greg Milligan

#### **Nominations or questions?**

Would you like to nominate yourself or someone else for an officer role with the Puget Sound Section of the ACS? Or do you have questions about the various roles or the election process? Please email your nominations and questions to: [elections@pugetsound.sites.acs.org](mailto:elections@pugetsound.sites.acs.org)

**Call for Nominations**

# News Briefs

## Green Chemistry and Safer Alternative Trainings



### Reducing Chemical Hazards: The First Move.

Flyer is [here](#)

It is crucial to make informed decisions when choosing chemicals in products, processes, and supply chains. Companies striving to easily identify hazardous chemicals when making chemical management decisions can now make a first move using the GreenScreen® List Translator. This automated tool helps you understand known impacts of chemicals on human health and the environment and categorize which chemicals to avoid when purchasing and designing.

Join the training to...

- Understand the value of chemical hazard assessments and related tools and resources.
- Define *GreenScreen® List Translator* origins, methods, strengths, and limitations.
- Obtain *GreenScreen® List Translator* results for chemicals of interest using automated databases.
- Use this tool to inform chemicals management and sustainability decisions and prioritize action.

**Save the Dates!**  
March 15, 2017  
King County Executive's Office  
1200 University Street, 400  
Seattle, WA 98101  
Register: [http://bit.ly/2jFpzVW](#)  
Cost: \$39 (for members), \$59 (non-members)  
\$99 (for other attendees)

**June 6, 2017**  
Portland State Office Building  
830 SE Oregon Street, 415  
Portland, OR 97202  
Register: [http://bit.ly/2je8Yw0](#)  
Cost: \$39 (for members), \$59 (non-members)  
\$99 (for other attendees)

**Who should attend:**  
This training is geared toward small to medium size businesses that make chemical management decisions and state and local government staff that provide chemical management assistance to business. This training can benefit all levels of professionals from bench staff to top leadership who work in areas related to Quality, Health, Safety and Environment, Sustainability, Risk Management, Hazardous Waste, Product Design and Stewardship, Material and Chemical Purchasing, and Chemistry, Laboratory and Research.

**In person Training Objectives**  
Upon completing this in person course, participants will be able to:  
• Understand the value of chemical hazard assessments and related tools and resources.  
• Define *GreenScreen® List Translator* origins, methods, strengths, and limitations.  
• Obtain *GreenScreen® List Translator* results for chemicals of interest using automated databases.  
• Use this tool to inform chemicals management and sustainability decisions and prioritize action.

**Join us for a FREE webinar**  
*First Line of Defense: A Tool for Chemical Hazard Assessment*  
November 8, 2017  
8:00 a.m. - 9:00 a.m. Pacific Time  
Register at: [http://bit.ly/2jFpzVW](#)

This webinar will be recorded and posted to the Green Chemistry website page.

Previous: March 15<sup>th</sup>- Seattle, WA

Upcoming: June 6<sup>th</sup>- Portland, OR

\$49 early bird/\$69

Space is limited! Register today:

<http://bit.ly/2jFpzVW> (March 15<sup>th</sup>) Early bird ends February 15<sup>th</sup>!

<http://bit.ly/2je8Yw0> (June 6<sup>th</sup>) Early bird ends May 6<sup>th</sup>!

The Jean Dreyfus Lectureship at Puget Sound



# News Briefs

## Beers with Peers – YCC Networking Event



You are invited to the  
Puget Sound ACS  
Younger Chemists Committee

***Beers with Peers/***  
**Networking Event**

Thursday, June 22, 6-8 pm

Flat Iron Grill

317 NW Gilman Blvd. Ste 28, Issaquah, WA

Hors d'oeuvres provided!

Ice breaker bingo with ACS prizes!

All science and technology professionals  
welcome!

For more information or to RSVP, please contact:

[aliciaataylor@gmail.com](mailto:aliciaataylor@gmail.com) or [leonardiandrews@gmail.com](mailto:leonardiandrews@gmail.com)

# News Briefs

## NORM 2017

More info: [www.norm17.org](http://www.norm17.org)



**72nd Annual Northwest Regional Meeting  
June 25-28, 2017**

Oregon State University | Corvallis, OR  
[norm17.org](http://norm17.org)



# News Briefs

## Karen Goodwin Featured in C&EN!

Our very own Chair of the Puget Sound Section, Karen Goodwin, was featured in the May 8<sup>th</sup>, 2017 edition of Chemical and Engineering News! The article focused on her career path and accomplishments. [Read about it here.](#)

## ACS Career Resources

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

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



## Heros of Chemistry

[Heros 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.

Awardees are listed on the [Heros of Chemistry website](#) for the 2017 Heroes of Chemistry Awards.



## ACS Webinars

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



# Science Cafés & Lectures

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

## **Science In The City - Lectures by the Pacific Science Center**

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

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

## **Science on Tap**

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

# Younger Chemists Committee

## YCC Networking Opportunities

Hi YCC,

Within this issue of The Chemist is information for the "Beers with Peers" YCC event. To recap:

**What:** Networking event for YCC members, with the rest of the ACS Puget Sound section invited

**When:** June 22, 2017, 6-8 pm

**Where:** [Flat Iron Grill](#), Issaquah (317 NW Gilman Blvd #28, Issaquah, WA 98027)

See you there!

### Results of the YCC Survey:

- 33 participants
- Most participants were undergraduates or mid-level professionals (age range 20-35)
- Most important factors for attending an event was time (traveling distance) and location
- Most interest in networking events
- Lots of feedback concerning events focused on career information

Thanks to those who participated; please drop a line if you want to share more thoughts on future ACS events.



# Mark Your Calendar

## Certificate Programs

**OSHA 7225 Transitioning to Safer Chemicals**

May 8-9- Portland, OR – [Register](#)

September 6-7- Seattle, WA – [Register](#)



CONTINUING EDUCATION PROGRAMS  
PACIFIC NORTHWEST  
OSHA EDUCATION CENTER  
*safe workplaces, sustainable communities*



**OSHA 7225:  
TRANSITIONING TO SAFER CHEMICALS**  
*Portland, Oregon*

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

### **Green Chemistry & Chemical Stewardship Online Certificate Program**

September 27, 2017 - June 8, 2018

3-course program intended to give graduates the tools to make a difference and find success by learning to design safer chemicals and industrial processes. Businesses are facing increasing market and regulatory pressures to use less toxic chemicals in their manufacturing processes and products, and are in need of professionals who can provide innovative solutions and more sustainable substitutes.

During this program, we will explore:

- The 12 guiding principles of green chemistry
- Business drivers and barriers to implementing sustainable practices
- Frameworks for incorporating chemical toxicity and human health considerations into product design, material selections, and supply chain decision-making
- Environmental, economic, and societal benefits of green chemistry
- Latest research and regulatory developments in the field
- New tools for chemical design and methods for comparative chemical hazard assessments

Completion of all 3 courses is required to earn a certificate. Register online at [osha.washington.edu](http://osha.washington.edu) or contact the DEOHS Continuing Education Programs at 206-543-1069 or [ce@uw.edu](mailto:ce@uw.edu).

# Mark Your Calendar

## 254th ACS National Meeting & Exposition

254th American Chemical Society National Meeting & Exposition

August 20-24, 2017 • Washington, DC



Chemistry's Impact on the  
Global Economy

Early Registration Ends July 10<sup>th</sup>, 2017.

[Register Here](#)

# Careers

## Job Openings

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

### [One-year Non-tenure Track Lecturer Position \(Central Washington University\)](#)

Deadlines: See posting for details

Location: Ellensburg, WA

ACS PSS Posting Date: 05/31/2017

Brief Description: The Department of Chemistry at CWU is accepting applications to fill one lecturer position for the 2017-2018 academic year as well as future full-time, part-time and annual lecturer positions. All teaching assignments may include introductory chemistry courses for science majors, as well as chemistry courses for non-science majors. Job ID 1311

View PDF of Job Posting: N/A

### [Summer Physics Instructor \(Bastyr University\)](#)

Deadlines: See posting for details

Location: Kenmore, WA

ACS PSS Posting Date: 05/31/2017

Brief Description: Bastyr University is searching for an instructor for a summer physics course (see the course description below). Summer begins on 7/10/2017 and ends 9/1/2017. While we would prefer instructors to do both lecture and lab components, we are also willing to have separate instructors for lecture and lab. Interested faculty should contact Mark Martzen ([mmartzen@bastyr.edu](mailto:mmartzen@bastyr.edu)). Please share with faculty who might be interested.

BC3108 Physics 1 Lecture/Lab (Credits 5)

This class is the first in a sequence of physics courses designed for biology majors. Students are required to learn and apply the laws of motion and the relationship between work and energy. Specific applications to human biology are emphasized. The lab component emphasizes scientific inquiry.

View PDF of Job Posting: N/A



# Careers

## Internships

King County Internships - <http://www.kingcounty.gov/audience/employees/careers/jobs.aspx>

2017 College Intern - Summer Season - - The Wastewater Treatment Division has identified the 2017 College Intern Opportunities. The job posting is currently active and will close on February 5, 2017 at 11:59 pm.

Washington Conservation Corps - <http://www.ecy.wa.gov/wcc/index.html>

Ecology Youth Corps - <http://www.ecy.wa.gov/programs/swfa/eyc/index.html>

## ACS Job and Career Resources

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

National ACS Job Postings - <http://chemistryjobs.acs.org/jobs>

ACS Puget Sound Job Page – <http://pugetsound.sites.acs.org/jobsandcareerresources.htm>

# Roster

<b>ACS Puget Sound - Executive Committee</b>	
Chair	Karen Goodwin
Chair Elect	Leonard J. Andrews
Past Chair	Sheri Tonn
Secretary	Alex Stambor
Treasurer	Arwyn Smalley
Newsletter Editor	Jonathan Clark
Councilor - Position 1 (2017)	Mark Wicholas
Councilor - Position 2 (2018)	Gregory Milligan
Councilor - Position 3 (2019)	Craig Fryhle
Councilor - Position 4 (2017)	Gary Christian
Councilor - Position 5 (2018)	Despina Strong
Alternate Councilor - Position 1 (2017)	Gwen Gross
Alternate Councilor - Position 2 (2018)	Amar Yahiaoui
Alternate Councilor - Position 3 (2019)	Alicia Taylor
Alternate Councilor - Position 4 (2017)	Dharshi Bopegedera
Alternate Councilor - Position 5 (2018)	Nadine Gruhn

<b>Other Outstanding Volunteers</b>	
Awards Committee Chair	Carole Berg
Career Event Committee Chair	Dharshi Bopegedera
Communications Committee Chair	TBA
Earth Day Committee Chair	Karen Goodwin
Education Committee Chair	Despina Strong
Finance Committee Chair	David Munch
Hospitality Committee Chair	Carole Berg
Linus Pauling Award Committee Chair	Charity Lovitt (For 2018 Pauling)
Long Range Planning Committee Chair	Sheri Tonn
National Chemistry Week Committee Chair	Roxanne Hulet
Nominating Committee Chair	Sheri Tonn
Program Committee Co-Chairs	Alicia Taylor and Leonard Andrews
Public Relations Committee Chair	TBA
Senior Chemists Committee	Despina Strong
Safety Committee	TBA
Sustainability Committee Chair	Charity Lovitt
Undergraduate Symposium Committee Chair	Charity Lovitt
Webmaster	Jonathan Clark
Women Chemists Committee Chair	Despina Strong
Younger Chemists Committee Chair	Alicia Taylor



ACS  
Chemistry for Life®