

# THE CHEMIST

Spring Fling - Glass Vodka Distillery

*The Puget Sound Chemist*

Volume 78 No. 5 - May 2017

Spring Fling - Glass Vodka Distillery

Thursday, May 25<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)

### Spring is here! Get outside and enjoy the sun!

The Spring Fling event at the Glass Vodka Distillery in Seattle will be an outstanding social event! It will be held on Thursday, May 25<sup>th</sup>, 2017 starting at 7:00pm. Ages 21+ only. RSVP to: [cberg@bellevuecollege.edu](mailto:cberg@bellevuecollege.edu)

Last month (April 2017) saw a large number of excellent events for our local section. A joint event with AWIS on Sustainability was held on April 19, Earth Day was celebrated on April 21st, the ACS has a table and strong presence at the March for Science on April 22nd and the Undergraduate Research Symposium was held April 29th which was followed by a Wine Tasting at the Chateau Ste. Michelle Winery. Also, the maximum number of high school participants allowed from our local section (13) competed in the National part of the Chemistry Olympiad on April 21st! This was a first for our section!

Cheers!



*Jonathan Clark*

Newsletter Editor

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# Calendar – May 2017

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

## 8 May 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>

## 9 May 2017 – Olympia Science Café

Time: 7:00pm

Location: Rm110 (Harned Hall) Saint Martin's University - Old Main, 5000 Abbey Way SE, Lacey, WA

## 25 May 2017 – Spring Fling - Glass Vodka Distillery

Time: 7:00 pm

Location: Glass Vodka Distillery - 1712 1st Ave. S., Seattle, WA

**Puget Sound Section**

# News Briefs

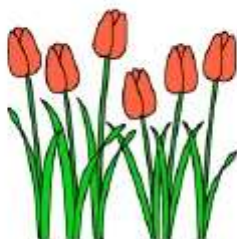
## Spring Fling - Glass Vodka Distillery

Glass Vodka Distillery (1712 1st Ave. S., Seattle, WA)

<http://glassvodka.com/>

Thursday, May 25th, 2017, 7:00-8:15 pm

Please RSVP to [cberg@bellevuecollege.edu](mailto:cberg@bellevuecollege.edu)



You are Invited to the  
Puget Sound ACS  
Spring Fling at the  
Glass Vodka Distillery

Thursday, May 25<sup>th</sup>, 2017, 7:00-8:15 pm

1712 1<sup>st</sup> Ave. S., Seattle, WA

\$22.00/person on site for tasting and a souvenir glass

Free parking, ADULTS ONLY over 21 years of age

Come to meet your Chemistry friends!!!!!!!!!!!!!!

RSVP: [cberg@bellevuecollege.edu](mailto:cberg@bellevuecollege.edu)

# News Briefs

## 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).

# News Briefs

## Scholarship Winners

The scholarship winners were announced at the 2017 Undergraduate Research Symposium. You can visit our website to read about the [scholarship opportunities](#).

### William Wasserman Scholarship:

We received 10 completed applications from 4 different colleges

Shoreline

Centralia

Tacoma

South Puget Sound

The winners are:

Dung (Joline) Nguyen from South Puget Sound

Grace Sullivan from Tacoma

### Ann Rutherford Scholarship:

We received 9 completed applications from 4 different colleges

PLU

WWU

St Martin's

UW

The winners are:

Marisol Navarro from PLU

Megan Dshave from WWU

Education Scholarship Subcommittee (Despina, Jennie, David, Clarita and Sailaja)

# News Briefs

## ACS Career Resources

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

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



## 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.

Nominations for the 2017 Heroes of Chemistry Awards are now being accepted.

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



## 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>

# Science Cafés & Lectures

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

## Olympia Science Café

**"Return of the Giants to the Salish Sea: New findings and research on humpback and gray whales including their increased occurrence in our waters"**

**Tuesday, 9 May, 2017 - 7:00pm – [Room 110, Harned Hall, Saint Martin's University](#)**

- **Saint Martin's University is located at Old Main, 5000 Abbey Way SE, Lacey, WA 98503.**

Our speaker is: John Calambokidis

The talk will focus on some of the new research findings on some of the large whale species especially humpback and gray whales that have become increasingly common in our waters. The talk will include original research including findings from new tags attached to whales that have revealed their underwater behavior, feeding, and response to Navy sonar and ships. These include new video tags that show their behavior from the whale's perspective.

John Calambokidis is a founder and senior Research Biologist at Cascadia Research Collective in Olympia, Washington. A graduate of Evergreen State College, he has been studying marine mammals and especially blue, humpback, and gray whales for more than 30 years. He has authored two books on marine mammals ( the award-winning Guide to Marine Mammals of Greater Puget Sound from Island Publishers, with R. Osborne and E.M. Dorsey and Blue Whales from Voyageur Press, with G.H. Steiger) as well as more than 200 publications in scientific journals and technical reports. His work has been covered on shows by Discovery Channel, National Geographic, BBC, and others.

Science Cafe of Olympia meets each month on the second Tuesday. It provides an informal atmosphere where people with and without scientific background can meet to deepen their understanding on interesting topics in science and technology. After a presentation by an expert in the field, the meetings are opened for discussion. Science Cafes are found nationwide and are loosely affiliated with the U.K.-based Cafe Scientifique, an international organization promoting public engagement with science.

Some of the organizers of the Science Cafe of Olympia are affiliated with the Puget Sound Chapter of the American Chemical Society.

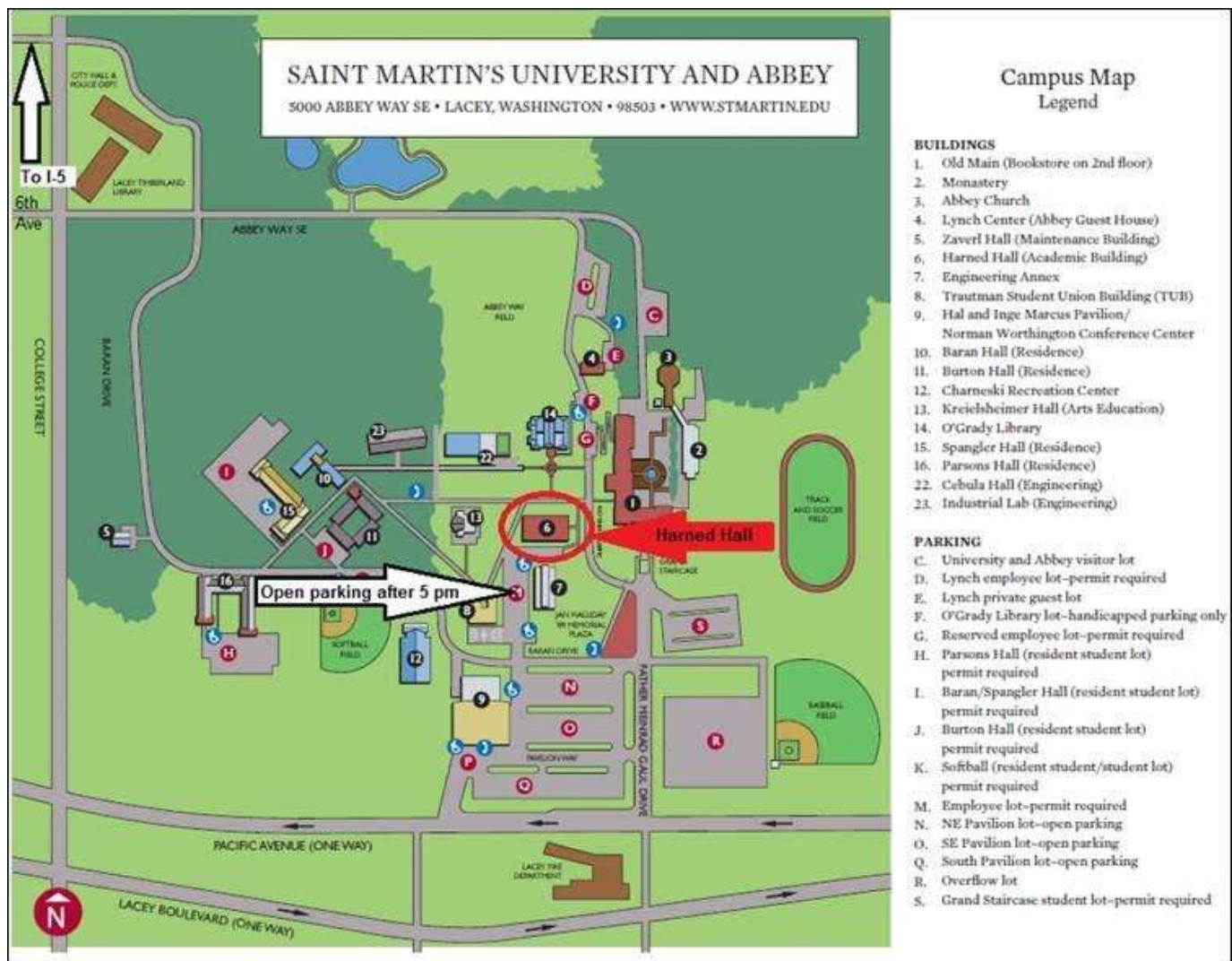
Send us your comments and suggestions on topics, speakers and how we can improve our meetings. Feel free to pass this notice on to like-minded friends.

# Science Cafés & Lectures

## Olympia Science Café

**Driving directions to Saint Martin's:** Coming from the north: From Interstate 5 southbound, take exit 109 Martin Way. Turn right off the exit onto Martin Way. At the first traffic light, turn left onto College Street\*. Turn left onto Abbey Way/6th Avenue SE, and then then turn right on Baran Drive. Drive through the woods, past the dorms and Recreation Center, then turn left into lot "M".

Coming from the south: From Interstate 5 northbound, take exit 108 Sleater Kinney Road/College Street. After exiting, stay to the left toward College Street. Continue on 3rd Avenue SE. Turn right onto College Street\*. Turn left at the next traffic light onto Abbey Way/6th Avenue SE,, then turn right on Baran Drive. Drive through the woods, past the dorms and Recreation Center, then turn left into lot "M".



# Younger Chemists Committee

## YCC Networking Opportunities

Hi YCC,

A "Beers with Peers" event is being planned for mid-June in Issaquah. More details will come in an email and will be advertised on social media.

Thanks to members that participated in the 3-min survey. Results will be summarized in the June edition of The Chemist. Many respondents noted that location made attending events difficult - we'd love to get suggestions on event venues in locations that are more feasible.



# Mark Your Calendar

## 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.



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

# Mark Your Calendar

## NORM 2017



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

The deadline for NORM17 abstract submissions was April 3<sup>rd</sup>, 2017.



**NORM 17**  
Unanticipated Discoveries

**72nd Annual Northwest Regional Meeting**  
**June 25-28, 2017**  
Oregon State University | Corvallis, OR  
[norm17.org](http://norm17.org)



# Careers

## Job Openings

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

### **Instructor Needed for Double Section of Chem 162, Summer 2017 ([Highline College](#))**

Deadlines: See posting for details

Location: Des Moines, WA

ACS PSS Posting Date: 05/01/2017

Brief Description: General Chemistry with Lab II - 5 credits (Chem 162) - General chemistry for science and engineering majors. The second course in a three-quarter sequence includes gas laws; intermolecular forces; properties of pure liquids and solids; crystal structures; concentration units and physical properties of solutions; equilibrium; acid-base theory and equilibrium applications; chemical thermodynamics; and electrochemistry. One credit of laboratory is included.

View PDF of Job Posting: N/A

### **Radiochemistry Laboratory Work for Undergraduate Interns ([TerraPower](#))**

Deadlines: See posting for details

Location: Bellevue, WA

ACS PSS Posting Date: 05/01/2017

Brief Description: TerraPower is looking for a few undergraduate interns to work in the radiochemistry laboratory. TerraPower is looking to hire immediately and continue the positions in the summer.

View PDF of Job Posting: N/A

### **[Full-time, long term Chemistry Stockroom Manager](#) ([Whitman College](#))**

Deadlines: See posting for details

Location: Walla Walla, WA

ACS PSS Posting Date: 05/01/2017

Brief Description: The Chemistry Department at Whitman College seeks a Chemistry Stockroom Manager (12-month position) to provide skilled and specialized support to the academic program, including the chemical safety program associated with the Department. Reporting to the Department Chair, the Chemistry Stockroom Manager will have responsibility for the general management of the chemistry stockroom and laboratory assistants, procurement, tracking and maintenance of chemical inventory, preparation of chemicals and equipment for classes and research labs, supervision of the safe handling of chemical waste, and the Chemistry Department budget.

View PDF of Job Posting: N/A

# Careers

## Job Openings

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

### [Full-Time Math, Biology and Chemistry Faculty Position Openings \(Bellevue College\)](#)

Deadlines: See posting for details

Location: Bothell, WA

ACS PSS Posting Date: 12/31/2016 [Updated 02/01/2017]

Brief Description: 3 new full-time faculty positions are available:

Mathematics Instructor - 2 positions [OPEN NOW] – The first round of reading started January 4, however, it has been confirmed that we have two open positions, so we will review all applications received by the second read date of February 1

Chemistry Instructor [OPEN NOW]- Priority review date\* - All applications received by February 5th will receive first consideration

Biology Instructor [OPEN NOW]

(\*This is sort of a closing date – officially the position is "open until filled" however, applications received by the deadline are given priority. In the case of mathematics, we are reading in two “phases” regardless of the number of positions we are granted...)

View PDF of Job Posting: N/A

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

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



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