

THE CHEMIST

Spring Fling - Glass Vodka Distillery

The Puget Sound Chemist

Volume 78 No. 5 - May 2017

Spring Fling - Glass Vodka Distillery

Thursday, May 25th, 2017



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

<http://acs.org>

Puget Sound Section Website

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

Please address general email
correspondence to:

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 25th, 2017 starting at 7:00pm. Ages 21+ only. RSVP to: 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

Contents

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



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 2nd 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

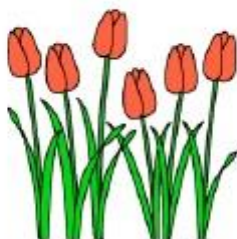
Spring Fling - Glass Vodka Distillery

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



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

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

1712 1st 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

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 or contact the DEOHS Continuing Education Programs at 206-543-1069 or 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.



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.

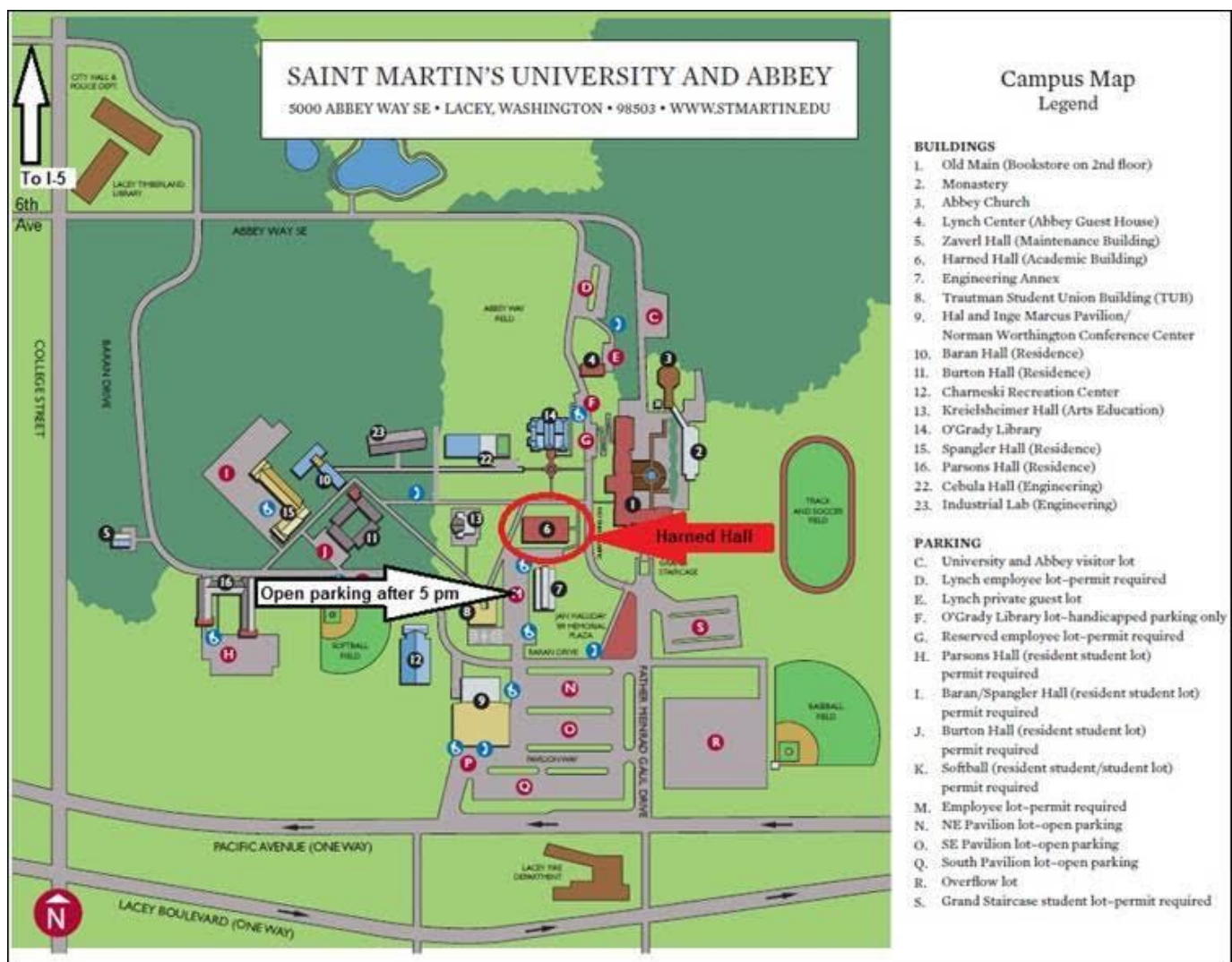
Send us your comments and suggestions on topics, speakers and how we can improve our meetings. Feel free to pass this notice on to like-minded friends.

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 chemical management and sustainability decisions and prioritize action.

Training Opportunity!
Reducing Chemical Hazards:
The First Move
Using GreenScreen® List Translator Automated Tool

Save the Dates!
Reducing Chemical Hazards: The First Move
June 15, 2017
King County Hazardous Waste Management Office
220 Jackson Street, #120
Seattle, WA 98104
Register: <http://bit.ly/2jFpzVW>
Call: 206.462.3000 ext. 3000
or 206.462.3000 ext. 3000
or 206.462.3000 ext. 3000

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 businesses. 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 Development, Material and Chemical Purchasing, and Chemistry, Laboratory and Research.

In-person Training Objectives
Upon completing the 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 chemical management and sustainability decisions and prioritize action.

Join us for a FREE webinar
First Line of Defense: A Tool for Chemical Hazard Assessment
February 8, 2017
12:00 PM - 1:00 PM
Register at: <http://bit.ly/2je8Yw0>

Previous: March 15th- Seattle, WA

Upcoming: June 6th- Portland, OR

\$49 early bird/\$69

Space is limited! Register today:

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

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

The Jean Dreyfus Lectureship at Puget Sound

Mark Your Calendar

NORM 2017

More info: www.norm17.org

The deadline for NORM17 abstract submissions was April 3rd, 2017.



72nd Annual Northwest Regional Meeting
June 25-28, 2017
Oregon State University | Corvallis, OR
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

ACS Puget Sound - Executive Committee	
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

Other Outstanding Volunteers	
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®