

THE CHEMIST

Linus Pauling Award Symposium & Banquet

The Puget Sound Chemist

Volume 77 No. 11 - November 2016

2016 Pauling Award recipient:

Dr. Timothy M. Swager



Pauling Award Symposium November 12th



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

Linus Pauling Medal Award 2016!

The Linus Pauling Medal Award (the 'Pauling Award' for short) is a prestigious award that is annually presented to a chemist whose work has been especially noteworthy. The Pauling Award Symposium and Banquet will be on November 12th this year. The registration deadline is this Friday, Nov 4th. Register [here](#). More details are on [page 5](#) and on the [PLU Website](#). The Pauling Award is presented annually by the Puget Sound, Oregon and Portland sections of the American Chemical Society to notable chemists whose actions have dramatically advanced the chemical sciences.

Being an active and engaged voter is part of being an active and engaged citizen (which is a worthwhile role to play). All eligible ACS PSS members should have received an e-ballot or a ballot in the mail. Paper ballots must be post-marked by election day (Nov 8th, 2016) in order to count. E-ballots also must be completed by Nov 8th, 2016. Please direct any and all questions and comments to elections@pugetsound.sites.acs.org.

The Women in Chemical Engineering Panel (to be held in Johnson Hall at the University of Washington) will be November 10th. Read about it on [page 4](#).

Cheers!



Jonathan Clark

Newsletter Editor

Contents

- 1 [From the Editor](#)
- 2 [Contents](#)
- 3 [Calendar](#)
- 4 [News Briefs](#)
- 7 [Science Cafés](#)
- 8 [Younger Chemists Committee](#)
- 9 [Careers](#)
- 11 [Roster](#)



Calendar – November 2016

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

8 November 2016 – Olympia Science Café

Time: 7:00pm

Location: Orca Books - 509 East 4th Avenue, Olympia, WA 98501

10 November 2016 – Women in Chemical Engineering Panel

Time: 5:30pm

Location: Johnson Hall, University of Washington – Seattle, WA

12 November 2016 – Pauling Award Symposium and Banquet

Time: 12:15pm

Location: Pacific Lutheran University - 12180 Park Ave S, Tacoma, WA 98447

14 November 2016 – 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>

Puget Sound Section

News Briefs

Women in Chemical Engineering Panel

November 10th at the University of Washington.

Check out all the things that WChE is doing on their [website](#).

WChE

**Women in Chemical Engineering at UW
Presents**

The 1st Annual
FALL INDUSTRY PANEL
November 10, 2016

**Featuring chemical engineering women that are
leaders in industry**

These women, whom all have obtained a ChemE degree (B.S., M.S., and/or Ph.D.) will represent the biotechnology/pharmaceuticals, oil, paper, energy/environment, technology, aerospace, and cosmetics industries and share their experiences and advice with our undergraduate and graduate students in the department.

Event Highlights

- Hear from our distinguished keynote speaker
- Participate in 2 break out sessions, each focused on a specific industry
- Enjoy a closing networking/happy hour with food and drinks!

Event Details & Itinerary

- **Where:** Johnson Hall, University of Washington
- **When:** Thursday, November 10, 2016
 - 5:30 Registration and check-in begins
 - 6-6:30 Presentation and keynote
 - 6:40-7:20 Break-out panel 1
 - 7:30-8:10 Break-Out Panel 2
 - 8:15 Networking/Happy hour
- **Who:** All prospective/current students, and recent alums in chemical engineering at UW

WChE, founded in January 2016, is a rapidly growing organization which strives to educate and empower women in chemical engineering, and their supporters, by providing a safe and open space for dialogue, mentorship, advocacy, collaboration, camaraderie, and skill building.

100+ active members consisting of chemical engineering undergraduate and graduate students, staff, faculty, and alumni

Website: <http://students.washington.edu/wche/> Email: wche.uw@gmail.com
Facebook: <https://www.facebook.com/WChEUW/>

News Briefs

Linus Pauling Medal Award Symposium and Awards Banquet



The American Chemical Society (ACS) Oregon, Portland, and Puget Sound Sections have named Dr. Timothy Swager, John D. MacArthur Professor of Chemistry at Massachusetts Institute of Technology, the 2016 recipient of the Linus Pauling Medal Award. Dr. Swager's work has had impact on multiple areas of supramolecular chemistry and materials science, and reflects the spirit of Linus Pauling's legacy. He is known for his work in innovative polymer and liquid crystal designs, preparation and utilization of functionalized carbon nanomaterials and chemical and biological sensing. His work bridges the highly technical chemical world with real world applications. He developed highly sensitive chemical sensors using molecular wires (electronic polymers) which have very practical applications in detecting gunpowder and explosives like TNT. His group has also developed fluorescent methods to detect... [\[read more\]](#)

The Linus Pauling Medal Award Symposium and Awards Banquet will be held on Saturday, November 12th, 2016 at Pacific Lutheran University, Tacoma, Washington. More information and event registration may be found at <http://www.plu.edu/chemistry/pauling2016> or contact Symposium Co-chairs Professor Dean A. Waldow, Associate Professor Neal Yakelis, and ACS Puget Sound Chair Professor Sheri Tonn at pauling2016@chem.plu.edu.



[\[Press Release\]](#)

News Briefs

Elections: 2017 ACS Puget Sound Section Executive Officers

The ACS Puget Sound Section has distributed the ballots for the executive committee elections for offices starting in 2017. There are five positions up for election. A brief listing of each position is provided below.

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

Secretary (1 Year Term - One open position for 2017)

Treasurer (1 Year Term - One open position for 2017)

Councilor (3 Year Term - One open position for 2017-2019)

Alternate Councilor (3 Year Term – One open position for 2017-2019)

Nominations and Elections Timeline

Call for nominations	June 29 th – September 15 th
Voting (mail and online)	October 10 th – November 8 th
Election Validated	By November 15 th

Nominating Committee

Cheryl Bick, Nominating Committee Chair
Despina Strong
Karen Goodwin
Nadine Gruhn
Jonathan Clark

Nominations or questions?

Do you have questions about the various roles or the election process? Please email your nominations and questions to: elections@pugetsound.sites.acs.org

Science Cafés

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

Olympia Science Café

"Towards a Clean Energy Future: Improving Solar Energy Devices by Engineering at the Nanoscale"

Tuesday, 8 November, 2016 - 7:00pm – [Orca Books](#)

- Orca Books is located at 509 East 4th Avenue, Olympia, WA 98501.

Currently the world relies on fossil fuels to provide over 80% of its energy needs. The worldwide energy demand is expected to increase by 56% in the next 45 years while the need to mitigate the consequences of fossil fuel use grows greater every year. Therefore it is critical to develop renewable energy technologies capable of generating electricity and fuels on a large scale and a reasonable cost. In this talk, we will discuss the use of abundant and inexpensive minerals to harvest solar energy. We will review recent research and progress towards understanding how to design materials, at the atomic scale, to maximize the efficiency of next-generation solar cells and hydrogen fuel production.

Dr. Riley Rex earned his PhD in Materials Science and Engineering from Washington State University in 2016 and is currently working as a visiting faculty member at The Evergreen State College.

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 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 Info

We are a local section of the national Younger Chemists Committee. The YCC was chartered by the American Chemical Society to address the specific needs of younger and early-career chemists. The YCC's vision is to lead younger chemists into successful careers and active roles in the ACS and the profession.

Check out our [webpage!](#)

Email any questions to Jonathan Clark (Puget Sound Section YCC Chair): PugetSoundYCC@gmail.com

Are you a younger chemist looking for a way to be an active volunteer with the local section? Do you want to plan social events or industrial tours for young professional chemists and chemical engineers? Consider getting involved with the Younger Chemists Committee to plan and implement events and programs.



Careers

Job Openings

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

Part Time Chemistry Lecturer ([UW Tacoma](#))

Deadlines: N/A

Location: Tacoma, WA

ACS PSS Posting Date: 10/30/2016

Brief Description: The division of Sciences and Mathematics in the School of Interdisciplinary Arts and Sciences at UW Tacoma is seeking a part time lecturer to teach a single section (20 students) of TESC151 Chemistry II in Winter 2017. Compensation is \$6000 for one section. The course is offered with lecture Tuesday/ Thursday 10:15 AM-12:20 PM and lab Monday 1:30-4:00 PM. The instructor teaches both the lecture and the lab, and is encouraged to creatively combine the two. If interested, please send a CV to Erica Cline (ecline@uw.edu). Masters or higher in relevant field, plus teaching experience required.

View PDF of Job Posting: N/A

[Analytic Chemistry Faculty \(The Evergreen State College\)](#)

Deadlines: N/A

Location: Olympia, WA

ACS PSS Posting Date: 08/31/2016

Brief Description: The Evergreen State College is currently seeking applicants for Analytical Chemistry regular faculty position (tenure-track equivalent) for 2017-18 academic year. Apply at <http://www.evergreen.edu/facultyhiring>. First review Sept. 12, 2016 continuing until finalists are selected.

View PDF of Job Posting: N/A

Part Time Chemistry Positions ([Seattle University](#))

Deadlines: N/A

Location: Seattle, WA

ACS PSS Posting Date: 07/01/2016

Brief Description: Seattle University has teaching opportunities in General Chemistry available during next Winter Quarter (January 3rd through March 22nd, 2017). The courses include sections of General Chemistry lecture and laboratory. If you have interest in, or questions about, this opportunity, or if you know of someone who may be a good match, please contact Ryan McLaughlin (Associate Professor & Chair | Department of Chemistry | Seattle University) at mclaughlinr@seattleu.edu.

View PDF of Job Posting: N/A

Careers

Job Openings

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

[Titration and Spectroscopy Sales Representative \(Metrohm USA\)](#)

Deadlines: None

Location: USA

ACS PSS Posting Date: 07/31/2015

Brief Description: It's an exciting time at Metrohm USA! We are the North American division of world-renown Metrohm AG (Herisau, Switzerland), an industry leader in laboratory instruments and accessories for analytical testing/research. We are looking for a Titration and Spectroscopy Sales Representative to join our field-based Sales Team in the Pacific Northwest. It's your chance to be a part of a dynamic team and make an immediate impact! Our innovative, high quality products are found in laboratories of all kinds-academic, industrial, research, quality control, processing, manufacturing and scale-up and all over the world, although our efforts concentrate on North America. As part of a global entity and rapidly growing organization you will be part of a progressive and high-energy team, focused on bringing quality products to market and excelling in quality customer service. We provide a professional, dynamic environment and offer competitive salaries with an excellent benefits package.

View PDF of Job Posting: N/A

Internships

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

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	Sheri Tonn
Chair Elect	Karen Goodwin
Past Chair	Cheryl Bick
Secretary	Maleah Huggins
Treasurer	Carole Berg
Newsletter Editor	Jonathan Clark
Councilor - Position 1 (2017)	Mark Wicholas
Councilor - Position 2 (2018)	Gregory Milligan
Councilor - Position 3 (2016)	Craig Fryhle
Councilor - Position 4 (2017)	Gary Christian
Councilor - Position 5 (2018)	Despina Strong
Alternate Councilor - Position 1 (2017)	Jennie Mayer
Alternate Councilor - Position 2 (2018)	Amar Yahiaoui
Alternate Councilor - Position 3 (2016)	Neal Yakelis
Alternate Councilor - Position 4 (2017)	Dharshi Bopegedera
Alternate Councilor - Position 5 (2018)	Nadine Gruhn

Other Outstanding Volunteers	
Awards Committee Chair	Carole Berg
Career Day Committee Chair	Dharshi Bopegedera
Communications Director	Nick Milanovich
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	Neal Yakelis
Long Range Planning Committee Chair	TBA
National Chemistry Week Committee Chair	Roxanne Hulet
Nominating Committee Chair	Cheryl Bick
Public Relations Committee Chair	Nick Milanovich
Safety Committee	TBA
Sustainability Committee Chair	Charity Lovitt
Undergraduate Symposium Committee Chair	Neal Yakelis
Webmaster	Jonathan Clark
Women Chemists Committee Chair	TBA
Younger Chemists Committee Chair	Jonathan Clark



ACS
Chemistry for Life®