

THE CHEMIST

Summer's Coming!

The Puget Sound Chemist

Volume 75 No. 6 - June 2014



News Briefs
Science Cafés
Awards Night



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 all email
correspondence to:

ACSPugetSound@gmail.com

Summer's just right around the corner!

Sunscreen chemistry is awesome! Sunscreen absorbs in the UV range of the electromagnetic spectrum. That just so happens to be an excellent trait for a substance that would be used to prevent the harmful effects of spending too much time under the gaze of our resident G-type star. Wearing a hat and staying indoors are other effective methods of avoiding sunburns.

The 2014 Awards Dinner is right around the corner on June 7th, 2014! Bellevue College is the place. The festivities begin at 6:30pm

I keep running into opportunity after opportunity to delve into a subject (beekeeping, wine, beer, skydiving, space exploration, chess, reading, and the list goes on) where I can find dozens of applications of chemistry. The biochemistry in agriculture, fermentation in alcoholic beverages and materials chemistry in practically everything else are just a few. Chemistry pervades my existence.

Also of note, the Sustainability Committee is seeking further involvement from the local section. The next meeting will be on June 17th, 2014 at Seattle University. Contact Charity Lovitt (lovittc@seattleu.edu) for more information.

Best!



A stylized, cursive handwritten signature of Jonathan Clark.

Jonathan Clark
Editor of the Newsletter

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Calendar – June 2014

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

3 June 2014 - Queen Anne Science Café

Time: 7:30 pm

Location: T.S. McHugh's - 21 Mercer Street, Seattle, WA 98109

7 June 2014 – Awards Night

Time: 6:30 pm

Location: Bellevue College - 3000 Landerholm Circle SE, Bellevue, WA 98007 -6484

9 June 2014 - Executive Committee Meeting

Time: 7:00pm – 8:15pm

Location: North Seattle Community College - 9600 College Way N, Seattle WA 98103
Room 2428C - South end of the 2nd floor of the Instruction Building (IB)

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

9 June 2014 - Eastside Science Café

Time: 7:00pm

Location: Wilde Rover - 111 Central Way, Kirkland, WA 98033

10 June 2014 - Tacoma Science Café

Time: 6:30pm

Location: The Swiss Restaurant & Pub - 1904 Jefferson Avenue, Tacoma, WA 98402

10 June 2014 - Olympia Science Café

Time: 7:00pm

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

17 June 2014 – Sustainability Committee Meeting

Time: TBA - Contact Charity Lovitt (lovittc@seattleu.edu) for more information.

Location: Seattle University - 901 12th Ave, Seattle, WA 98122

18 June 2014 - Association of Women in Science (AWIS) Meeting

Time: 6:00pm

Location: The Talaris Conference Center - 4000 NE 41st Street, Seattle, WA 98105

19 June 2014 – Younger Chemists Committee Meeting

Time: 6:30pm – 7:30pm

Location: Specialty's Café & Bakery (U-Village) - 2690 NE Village Ln Seattle, WA, 98105

News Briefs

2014 Awards Night! An Evening of Jazz, Dinner and Awards

**Saturday, June 7, 2014, 6:30-10:00 p.m.
Bellevue College (C Building)
3000 Landerholm Circle SE, Bellevue, Washington 98007**

**No-host Social 6:30-7:00pm
Buffet Dinner 7:00-8:00pm
Awards 8:00-9:00 pm
Social and dancing until 10:00pm**

Sponsored by the ACS Puget Sound Section

RSVPs were due by May 31st to:

Email: cberg@bellevuecollege.edu - Phone: [425-226-0690](tel:425-226-0690)

Send checks to: Carole Berg, Bellevue College L-200
3000 Landerholm Circle SE, Bellevue, Washington 98007
or use paypal on our website: <http://pugetsound.sites.acs.org/>

Here is the link to the flyer with all of the information:
<http://pugetsound.sites.acs.org/ACS%20AwardsParty%202014.pdf>

News Briefs

Canadian Society for Chemistry's Annual National Conference

Here is an opportunity to meet with internationally recognized chemists.

Dates: June 1st-5th, 2014

Location: Vancouver, BC, Canada

Theme: Chemistry from Sea to Sky

Website: www.csc2014.ca

2014 Northwest Regional Meeting (NORM '14)

The NORM 2014 will be hosted by the Montana Section of the American Chemical Society in Missoula, Montana from June 22nd to June 25th 2014 (Sun-Wed).

Website: <http://norm2014.sites.acs.org/>



Younger Chemists Committee

The YCC will have an informal get-together at Specialty's Café & Bakery in U-Village (2690 NE Village Ln Seattle, WA, 98105) on June 19th, 2014 from 6:30pm – 7:30pm.

Science Cafés

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

Queen Anne Science Café

"Repairing Genes"

Tuesday, 3 June, 2014 - 7:30 p.m. - T.S. McHugh's

Recent advances in DNA sequencing and new technologies that allow doctors to directly manipulate DNA in patient's cells - in other words, to perform genetic surgery - is opening up the potential for curative therapies for a variety of previously incurable diseases. At the June Queen Anne Science Café, join Seattle Children's Research Institute's Andy Scharenberg, M.D., to explore the future of personalized genetic medicine.

T.S. McHugh's is located at 21 Mercer Street, Seattle, WA 98109.

www.tsmchughs.com

Eastside Science Café

"Media & Children"

Monday, 9 June, 2014 - 7 p.m. - Wilde Rover

In 1970, the typical child began to watch television at 4 years of age. Today they start at 4 months of age. At the June Eastside Science Café, join Dr. Dimitri Christakis of Seattle Children's Research Institute to explore how early experiences shape children's cognitive development, and how to optimize their cognitive, social, and emotional development.

Wilde Rover is located at 111 Central Way, Kirkland, WA 98033.

www.wilderover.com

Science Cafés

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

Tacoma Science Café

"Flipping the Switch: How to Turn Off Leukemia Cells"

Tuesday, 10 June, 2014 - 6:30 p.m. - Swiss Restaurant & Pub

Dr. Valerie Morris, Ph.D. studies the molecular mechanisms that control leukemia, cancer of the blood. Join her at the June Tacoma Science Café to explore how she looks at the big picture of how leukemia cells arise, survive and grow in order to pinpoint which cellular changes are vital to perpetuating the disease.

The Swiss Restaurant & Pub is located at 1904 Jefferson Avenue, Tacoma, WA 98402.

www.theswisspub.com

Olympia Science Café

"An Overview of Air Quality in Washington"

Tuesday, 10 June, 2014 - 7:00 p.m. – Orca Books

Though we do not face the same air quality concerns affecting Beijing, Bangkok, LA or the East Coast, we still have our share of challenges to deal with. Smoke from burning wood for home heating, burning agricultural residues, wildfires, dust from windstorms and harvesting activities, industrial, traffic and even ozone pollution are issues that air quality managers throughout the state constantly grapple with. Yet some of these activities can proceed with little direct impact to human health, if the right atmospheric conditions assist with pollutant dispersion.

Not all air pollution is created equal; different pollutants affect human health in different ways, requiring different control methods. This presentation will provide an overview of some of the most commonly monitored air pollutants in Washington, and the technical tools used to manage our air quality.

Our speaker this month is Dr. Ranil Dhammapala from the Washington State Department of Ecology.

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

www.orcabooks.com

Science Cafés

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

Association of Women in Science (AWIS)

"Seattle AWIS Awards and Scholarship Fundraiser 2014"

Wednesday, 18 June, 2014 - 6 p.m. – Talaris Conference Center (Pacific Dining Room)

Check out the flyer for this month's meeting at:

<http://seattleawis.org/wp-content/uploads/2014/05/2014AWIS-v3.pdf>

Get your tickets at: <http://seattleAWISawards2014.brownpapertickets.com>

AWIS holds monthly meetings Sept-June at 6:00pm. This month's meeting will be in the Talaris Conference Center. Information regarding the next AWIS event can be found on their website at

<http://seattleawis.org/awis-events/>

The Talaris Conference Center is located at 4000 NE 41st Street, Seattle, WA 98105.

<http://www.talarisconferencecenter.com/>

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>

Mark Your Calendar

248th American Chemical Society National Meeting

Theme: Chemistry and Global Stewardship

Dates: August 10th - 14th, 2014

Location: San Francisco, California

**REGISTRATION
IS NOW OPEN**



2014 Biennial Conference on Chemical Education

Dates: August 3rd - 7th, 2014

Location: Grand Valley State University, Michigan

Theme: Empowering Chemical Educators for a Greener Tomorrow

Website: <http://www.bcce2014.org/>

Careers

Job Opening – Evergreen State College

The Evergreen State College has a position opening for a chemist in their Evening-Weekend studies program for the 2014/15 academic year. The link to the job description is:

<http://evergreen.edu/facultyhiring/jobs/adjunctChemEWS14.htm>

Job Opening – Centralia College

Centralia College is seeking a Lab Tech III. For more details see the announcement at:

<https://hr.centralia.edu/browsejobs.aspx?type=2>

Job Opening – Pacific Lutheran University

Pacific Lutheran University is seeking a Chemistry Lab manager. For more details see the posting at:

<https://employment.plu.edu/postings/2994>

Job Opening – Green River Community College

Green River Community College has an opening for a full-time, tenure track chemistry faculty position beginning Fall 2014. Primary teaching duties will be general and introductory chemistry. Initial screening of applicants began Apr 30th. Please spread the word to anyone who might be interested. The direct link to Jobs at the GRCC site is: <http://agency.governmentjobs.com/greenriveredu/default.cfm>

Internships

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

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

ACS Job and Career Resources

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

Employment Dashboard - <http://www.acs.org/content/acs/en/careers/salaries/dashboard.html>

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

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

ACS Resources

The ACS has a vast array of resources and events available to members.

Feel free to explore the ACS website (<http://acs.org>) and look into the many resources available to you.

Member benefits - <http://www.acs.org/content/acs/en/membership-and-networks/acs/benefits.html>

Publications - <http://www.acs.org/content/acs/en/publications.html>

ACS Webinars - <http://acswebinars.org/>

C&EN Webinars - <http://cen.acs.org/media/webinar.html>

Science Podcasts - <http://www.acs.org/content/acs/en/pressroom/podcasts.html>

ACS National and regional meetings - <http://www.acs.org/content/acs/en/meetings.html.html>

ACS Chemworx - <https://pc.acschemworx.acs.org/>

Presentations on Demand - <http://presentations.acs.org/common/default.aspx>

ACS Public Policy fellowships - <http://www.acs.org/content/acs/en/policy/policyfellowships.html>

Project Seed - <http://www.acs.org/content/acs/en/education/students/highschool/seed.html>

National Chemistry Olympiads -

<http://www.acs.org/content/acs/en/education/students/highschool/olympiad/process/competition.html>

Scholars Program - <http://www.acs.org/content/acs/en/funding-and-awards/scholarships/acsscholars.html>

SCI Scholars Internships -

<http://www.acs.org/content/acs/en/education/students/college/experienceopp/scischolars.html>

Sustainability Resources - <http://www.acs.org/content/acs/en/sustainability.html>

Get Involved - www.acs.org/getinvolved

Other Handy Links

Not a Member Yet? Join Today! - <http://acswebcontent.acs.org/joinacstoday/13NEWSAD1od.html>

To subscribe to the section email list, visit: <http://www.chem.plu.edu/mailman/listinfo/pss-acs>

Online Resources for the Puget Sound Section!

Check out our Local Section's website - <http://pugetsound.sites.acs.org>

About us - <http://pugetsound.sites.acs.org/aboutthesection.htm>

Executive Committee Meeting Minutes - <http://pugetsound.sites.acs.org/meetingminutes.htm>

Leave us a message - <http://pugetsound.sites.acs.org/askusaquestion.htm>

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

Education & Olympiads - <http://pugetsound.sites.acs.org/educationolympiad.htm>

Newsletter Archives - <http://pugetsound.sites.acs.org/archivesofthechemist.htm>

Facebook page - <https://www.facebook.com/AmericanChemicalSocietyPugetSoundSection>

Roster

ACS Puget Sound - Executive Committee

Chair	Despina Strong
Chair Elect	TBA
Past Chair	Nick Milanovich
Secretary	Robbyn Perdue-Anand
Treasurer	Carole Berg
Editor of the Newsletter	Jonathan Clark
Councilor - Position 1 (2014)	Mark Wicholas
Councilor - Position 2 (2015)	Gregory Milligan
Councilor - Position 3 (2016)	Craig Fryhle
Councilor - Position 4 (2014)	Gary Christian
Alternate Councilor - Position 1 (2014)	Jennie Mayer
Alternate Councilor - Position 2 (2015)	Amar Yahiaoui
Alternate Councilor - Position 3 (2016)	Neal Yakelis
Alternate Councilor - Position 4 (2014)	Dharshi Bopegedera

Other Outstanding Volunteers

Career Day Committee Chair	Dharshi Bopegedera
Earth Day Committee Chair	Dharshi Bopegedera
Education Committee Chair	Clarita Bhat
Finance Committee Chair	David Munch
Fundraising Committee Chair	Nick Milanovich
Linus Pauling Award Committee Chair	David Patrick
Long Range Planning Committee Chair	Despina Strong
National Chemistry Week Committee Chair	Dharshi Bopegedera
Nominating Committee Chair	Nick Milanovich
Public Relations Committee Chair	Neal Yakelis
Social Events Committee Chair	Carole Berg
Speakers Committee Chair	TBA
Sustainability Committee Chair	Charity Lovitt
Undergraduate Symposium Committee Chair	Craig Fryhle
Webmaster	Kerry Fowler
Women Chemists Committee Chair	Robbyn Perdue-Anand
Younger Chemists Committee Chair	Jonathan Clark





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