

THE CHEMIST

A Year in Review

The Puget Sound Chemist

Volume 75 No. 12 - December 2014

It has been a great year! ▶ A Year of Newsletter Covers

Stay tuned! Elections Results Coming Soon

[News Briefs](#) (Pg. 4)

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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

The holidays are upon us!

The end of the calendar year is fast approaching. I have greatly enjoyed my role as newsletter editor this past year and I expect to continue in the same role in 2015. There have been many outstanding activities and events since January 1st this year that I have had both the pleasure and privilege to report on including the Pauling award ceremony in Bellingham, the ChemLuminary award that we were presented with at the ACS National Meeting in San Francisco, CA, the Career Event in February in Tacoma, the WCCTA conference as well as dozens of meetings and other events.

Check out the upcoming events in the [News Briefs](#) section. The holiday party is coming up. The election results should be ready soon.

There are several science cafés in various parts of our section this month. Check them out in the [Science Cafés](#) section.

The YCC (Younger Chemists Committee) will meet on the third Thursday of the month (December 18th) at the usual location (Specialty's Café and Bakery in U-Village). Details: [YCC page](#)

See the [Calendar](#) in this newsletter or our [Website's Calendar](#) for further details on these and other events.

[Puget Sound ACS Elections](#): The ballots are in and the results will be available soon!

Thanks for an Outstanding Year and Happy Holidays!



A handwritten signature in black ink that reads "Jonathan Clark". The signature is written in a cursive, flowing style.

Jonathan Clark
Newsletter Editor

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Calendar – December 2014

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

2 December 2014 - Queen Anne Science Café

Time: 7:30pm

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

8 December 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>

8 December 2014 - Eastside Science Café

Time: 7:00pm

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

9 December 2014 - Olympia Science Café

Time: 7:00pm

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

9 December 2014 - Tacoma Science Café

Time: 6:30pm

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

13 December 2014 – Holiday Dessert Party (Please RSVP)

Time: 7:00pm

Location: Carole and Russ Berg's home - 14017 SE 139th St. Renton, WA 98059

18 December 2014 - Younger Chemists Committee Meeting

Time: 6:30pm – 7:30pm

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

News Briefs

You are cordially invited to the ACS Puget Sound

Holiday Dessert Party

Saturday, December 13, 2014 (7:00PM)

Carole and Russ Berg's home

14017 SE 139th St. Renton, WA 98059

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

Come enjoy homemade desserts, music, puzzles and chemistry companions for an evening of fun!!

Puget Sound Section Elections Update

Stay tuned for the election results! The ballots have been received and the results will be announced in the January Edition of this newsletter and on the website!

Nick Milanovich is the Nominating Committee Chair. Other Nominating Committee members include Despina Strong and Robbyn Perdue-Anand.

Please direct your questions regarding the elections process and the offices up for election to Nick Milanovich at elections@pugetsound.sites.acs.org

Science Cafés

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

Queen Anne Science Café

"Third-Party Trackers On The Web"

Tuesday, 2 December, 2014 - 7:30pm - [T.S. McHugh's](#)

Privacy on the Web is an important issue these days. When you visit a Web site, your browser doesn't just load content from that Web site. Mostly invisible to you, your browser also loads "third-party" content from other sources, including advertisements and social media widgets like the Facebook "Like" button. These third parties are able to "track" your visits to those sites and learn about your browsing behaviors. Join UW's Franzi Roesner, Ph.D. for an overview of current research on Web tracking.

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

Eastside Science Café

"Circadian Rhythms: Sleep And The Internal Clock In Children And Adolescents"

Monday, 8 December, 2014 - 7:00pm - [Wilde Rover](#)

We notice our internal clocks a lot more when something throws them off track, whether that's jet lag, a late night, or bright Seattle summer evenings. But how does it all really work, and how is it different in children and adolescents than in adults? Come to the December Eastside Science Café to discover more about circadian rhythms, what throws them off — and more importantly, what we can do to help keep kids and their internal clocks on a good track. With UW's Michelle M. Garrison, Ph.D.

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

Tacoma Science Café

"The Gold Rush In Space: How Asteroids Will Create The Biggest Economic Expansion The World Has Ever Seen"

Tuesday, 9 December, 2014 - 6:30pm - [Swiss Restaurant & Pub](#)

In the future, history books will talk about this time as the moment when humans expanded economy and habitation into space and created the greatest economic expansion in human history...and asteroids were the catalyst that made it happen. This is why local asteroid mining company, Planetary Resources, is hard at work developing robotic spacecraft that will venture into the Solar System to find neighborhood asteroids in order to utilize them to help humans expand their economic sphere of influence into the Solar System. With Caitlin O'Keefe from Planetary Resources.

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

Science Cafés

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

Olympia Science Café

"Plastic: It's what's for breakfast"

Tuesday, 9 December, 2014 - 7:00pm - [Orca Books](#)

The issue of plastic debris in the oceans is of growing concern globally, with plastic accumulating in marine habitats from the equators to the poles and from coastlines to the middle of ocean basins. Although patterns of plastic ingestion by marine wildlife such as sea turtles, marine mammals and seabirds are increasingly well documented, the consequences of ingestion remain poorly understood. The pervasiveness of marine plastics, especially micro-plastics, throughout marine food webs is also unknown. In this talk, Peter Hodum will discuss the magnitude of the marine plastic pollution issue, the impacts of plastic debris on marine wildlife, and the use of biological indicators, ranging from seabirds to mussels, to better understand the impacts of plastics on marine ecosystems. He will also talk about the challenges and opportunities of dealing with this global environmental issue.

Peter Hodum, Ph.D., is Assistant Professor in the Department of Biology at the University of Puget Sound.

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

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 Information

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

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

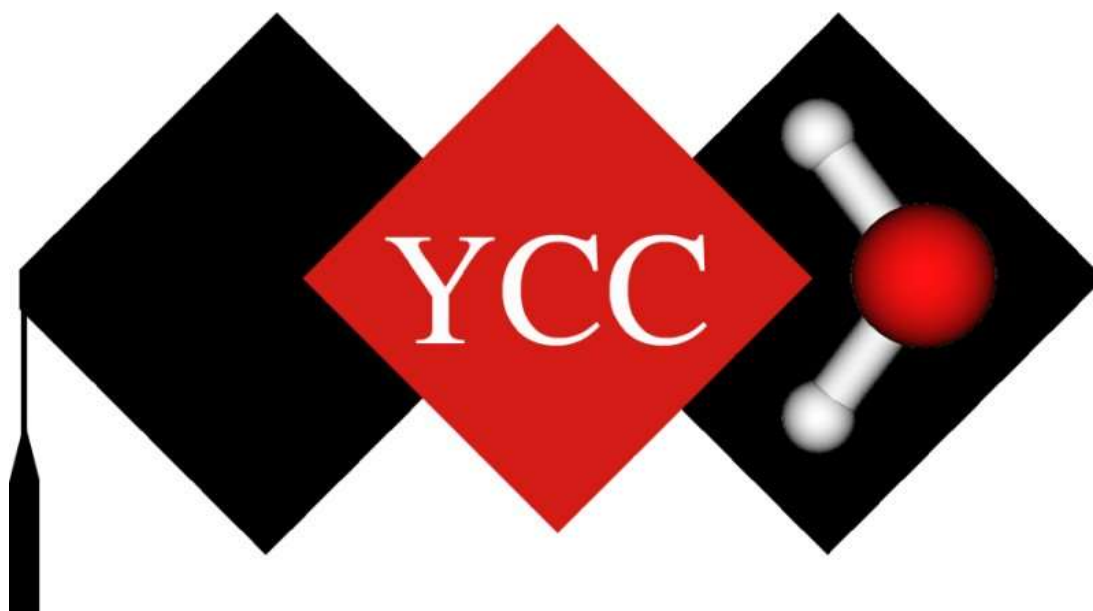
Next YCC Meeting

Thursday, December 18th, 2014 (6:30pm – 7:30pm)

Specialty's Café and Bakery in U-Village

Address: 2690 NE Village Ln, Seattle, WA 98105

Topics: Planning Future Events, Long Term Goals



Mark Your Calendar

2015 Career Event – “Careers in Chemistry”

- Emphasizing Solutions to Health Challenges in WA State -

February 11th, 2015 from 1:00pm - 5:00pm
Department of Health Laboratories
1610 NE 150th Street, Shoreline, WA 98155

Key note speaker: Dr. Romesh Gautom
(Laboratory Director, Department of Health Laboratories)

Recommended for all undergraduate science students.

Free admission and open to all.

Space is limited and registration will be required.

Stay tuned for more information as we draw closer to the event.

Keep an eye on our [website](#) for updates.

Recent Events

Recreational Marijuana: Science & Society

The American Chemical Society's Puget Sound Section and The Association of Women in Science invited the public to a panel discussion on the scientific research and societal consequences surrounding legal, recreational marijuana use.

The event was a big success attended by over 70 people including a dozen ACS members.

This event was jointly sponsored by:

The Association of Women in Science (AWIS - Seattle Chapter)

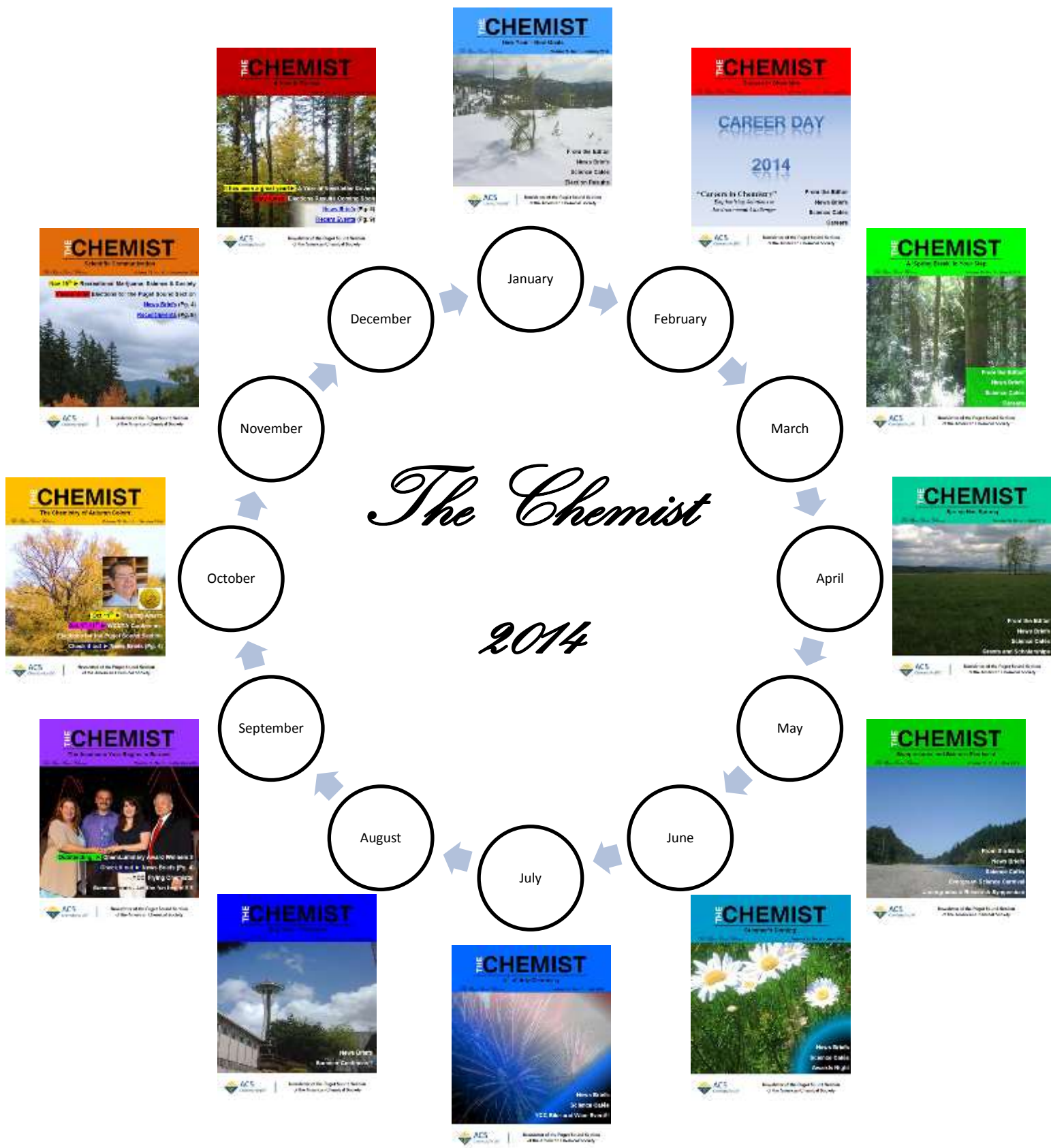
The American Chemical Society (ACS - Puget Sound Section)

YCC's table at the Pacific Science Center's Life Science Research Weekend

The Younger Chemists Committee performed some demos and activities centered on the concepts of osmosis and semi-permeable membranes on November 7th-9th. The Pacific Science Center had a couple hundred volunteers, many tables and 6,400 guests over the course of the 3-day event. The YCC's table had 6 volunteers and was visited by about 150 guests over the three days of the Life Science Research Weekend.



A Year of Newsletter Covers



Careers

Job Openings

Job Opening – [University of Puget Sound](#) – Adjunct Chemistry Instructor

The Chemistry department at the University of Puget Sound is seeking a part-time, adjunct instructor to staff four second semester general chemistry laboratories during the spring 2015 semester. These laboratory sections are 3 hours in duration and are held either in the afternoon (starting at 1p.m.) or in the evening (starting at 6 p.m.). Each laboratory section has a maximum of 18 students and each section has a student course assistant to help in monitoring the laboratory. **The application deadline to ensure consideration is 5 December 2014.** For further details, visit the application page at: <http://apptrkr.com/548552>

Internships

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

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

Online Resources for all ACS members

Explore the ACS website (<http://acs.org>) and look into the many resources available to you as a member.

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

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

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>

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

Roster

ACS Puget Sound - Executive Committee

Chair	Despina Strong
Interim Chair Elect	Cheryl Bick
Past Chair	Nick Milanovich
Secretary	Robbyn Perdue-Anand
Treasurer	Carole Berg
Newsletter Editor	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
Communications Director	Nick Milanovich
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
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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