

THE CHEMIST

2017 Undergraduate Research Symposium

The Puget Sound Chemist

Volume 78 No. 4 - April 2017

Undergraduate Research Symposium

Saturday, April 29th, 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

The Undergraduate Research Symposium

The University of Washington - Bothell is hosting the ACS Puget Sound Section's Undergraduate Research Symposium this year on April 29th! The symposium is a high quality, premier event where undergrads get an opportunity to present their research projects. The deadline for abstract submissions has been extended to Wednesday, April 5th, 2017. See further details on the [website](#).

The [253rd ACS National Meeting](#) will be held starting tomorrow, April 2nd, and will run through April 6th, 2017. If you can't make it in person, there are online ways to interact including the [ACS National Meeting Career Fair](#).

On April 19th, 2017, ACS and AWIS (the Association for Women in Science) are jointly sponsoring an event titled 'Sustainability in the Future World: Power and Water Resource Evolution.' It will be at the usual AWIS meeting location/time: The Pelton Auditorium at the Fred Hutchinson Cancer Research Center at 6:00pm.

Visit Centralia College on April 22nd for some Earth Day events!

April 29th will include a Wine Tasting and Tour at the Ste. Michelle Winery in Woodinville, WA. I hope to see you there!

The application deadline for the High School Teacher of the Year Award is April 30th, 2017. Application forms are available on the [website](#).

Cheers!



Jonathan Clark

Newsletter Editor

Contents

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



Calendar – April 2017

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

2-6 April 2017 – 253rd ACS National Meeting and Exposition

Location: San Francisco, CA

10 April 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>

11 April 2017 – Olympia Science Café

Time: 7:00pm

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

19 April 2017 – Joint ACS & AWIS Event – Sustainability in the Future World

Time: 6:00 pm

Location: Fred Hutch (Pelton Auditorium) - 1100 Fairview Ave. N., Seattle, WA 98109

22 April 2017 – Earth Day Events

Time: 9:00 am - midafternoon

Location: Centralia College - 600 Centralia College Blvd, Centralia, WA 98531

29 April 2017 – Wine Tasting and Tour at the Ste. Michelle Winery

Time: 3:30 pm

Location: Ste. Michelle Winery - 14111 NE 145th St, Woodinville, WA 98072

29 April 2017 – Undergraduate Research Symposium

Location: University of Washington - Bothell - Bothell, WA

Puget Sound Section

News Briefs

2017 Undergraduate Research Symposium

Saturday, April 29th, 2017 at UW Bothell
18115 Campus Way NE, Bothell, WA 98011


Info: <http://pugetsound.sites.acs.org/pssugressymp.htm>

Register: <http://pugetsound.sites.acs.org/urregistrationform.htm>

The deadline for abstract submissions has been extended to Wednesday, April 5th, 2107.


**American Chemical Society
Puget Sound Section**

**Undergraduate Research
Symposium** Saturday
April 29th
2017

 **ACS**
Chemistry for Life™

The 33rd Annual ACS regional symposium is hosted by the
University of Washington - Bothell
School of Science, Technology, Engineering & Mathematics
Division of Physical Sciences

Registration & Abstract Submission Deadline: March 31st
<http://pugetsound.sites.acs.org/urregistrationform.htm>
Questions regarding registration can be addressed to Dr. Peter Anderson
pca4@uw.edu


W UNIVERSITY of WASHINGTON | BOTHELL
SCHOOL OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

News Briefs

253rd ACS National Meeting & Exposition

Advanced Materials, Technologies, Systems & Processes



APRIL 2 - 6, 2017 | SAN FRANCISCO, CA

Register Here

Links

[253rd ACS National Meeting – Main Page](#)

[Final Program](#)

[Career Fair Registration](#)

[Places to go in San Francisco](#)

Earth Day

April 22nd, 2017 - 9:00am to midafternoon

Centralia College - 600 Centralia College Blvd, Centralia, WA 98531



News Briefs

Sustainability in the Future World:

Power and Water Resource Evolution

Wednesday, April 19th, 2017, 6:00 pm

Fred Hutchinson Cancer Research Center – Pelton Auditorium
1100 Fairview Ave. N., Seattle, WA 98109 – Free visitor parking



ACS
Chemistry for Life®



Seattle AWIS and ACS Puget Sound Section are co-presenting:

Sustainability in the Future World: Power and Water Resource Evolution

Wednesday – April 19, 2016 – 6:00 PM
Fred Hutchinson Cancer Research Center – Pelton Auditorium
1100 Fairview Ave. N., Seattle, WA 98109 – Free visitor parking

6:00 PM Networking and Refreshments
6:30 PM Introductions and Program
7:45 PM Networking and Dessert

Lights and liquid... Come join us to learn more about research in sustainable power generation and water management on a warming Earth. Our panelists will discuss current research on geothermal energy production, the impact of warming on ecosystems and water resources in the ancient and contemporary earth.

Our Distinguished Panelists:



Tanya Hayes, Ph.D.
Associate Professor,
Environmental Studies,
Institute of Public Services,
Seattle University



Susan Petty
President and Chief
Technology Officer,
AltaRock Energy, Inc.



Heidi Roop, Ph.D.
Strategic Communications
Lead – Climate Impacts
Group, University of
Washington



Sarah Ogier
Office of Sustainability &
Innovation Supervisor,
Waste Water Treatment
Division, King County

All programs are FREE and open to the community.
More information at: <http://www.seattleawis.org/> and <http://pugetsound.sites.acs.org/>.

News Briefs

Wine Tasting and Tour at Ste. Michelle Winery

Saturday, April 29th, 2017, 3:30-5:00 pm
Ste. Michelle Winery (14111 NE 145th St, Woodinville, WA 98072)
<https://www.ste-michelle.com/>
Please RSVP to cberg@bellevuecollege.edu



You are Invited to the
Puget Sound ACS
Wine Tasting and Tour at the
Ste. Michelle Winery

Saturday, April 29th, 2017, 3:30-5:00 pm
14111 NE 145th St, Woodinville, WA 98072
\$20.00/person on site for tasting and a private tour
ADULTS ONLY over 21 years of age may taste specialty
wines and pay, but younger students may tour for free
without tasting

RSVP: cberg@bellevuecollege.edu

News Briefs

Scholarships Available!

The Puget Sound Section of the American Chemical Society is very pleased to be able to select a recipient for High School Teacher of the Year Award. The application deadline is April 30th, 2017.

The application forms are available on the website:

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

Application Deadline: April 30th, 2017

Chemistry Tournament at Washington University



Missouri's Washington University will host its 2nd annual chemistry tournament on April 8, 2017.

“The Washington University Chemistry Tournament (WUCT) is an annual chemistry competition held on Washington University’s campus in St. Louis, MO. The competition invites high school students across the nation to participate in a series of individual and team-based chemistry exams, engage with college students and faculty, and earn recognition at an awards ceremony. WUCT emphasizes real world applications of science and promotes fundamental problem-solving and teamwork skills.”

Check out this link for more info and to register: <http://wuct.wustl.edu/index>

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>

Olympia Science Café

"Floating Offshore Wind Turbines: Past, Present and Future"

Tuesday, 11 April, 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.

Dr. Maija Benitz

Large-scale offshore wind energy has become a reality in Europe over the past decade, with continued development on the horizon in Europe, as well as Asia and the United States. While the vast majority of offshore wind energy development utilizes fixed bottom support structures, in shallow waters that are close to shore, floating offshore wind turbines show great potential for harnessing the wind resource far from shore, in transitional to deep water where the wind resource is greater and concerns about visibility are reduced. However, in both near shore, shallow water applications, and especially in deeper waters farther from shore, technical and economic feasibility challenges must be overcome.

Understanding the fundamental hydrodynamic forces in the offshore environment, and in particular the added challenges of operating floating platforms in the ocean environment, is crucial to the success of future projects. Not only are floating platforms subject to loading from ocean waves, but also increased motion due to the wave-body interactions.

In this talk, Dr. Benitz will discuss offshore floating wind turbines, and how her research addresses the challenges of offshore wind energy development, as well as promotes its future success.

Maija Benitz has a BA in Physics from Colorado College, and a Masters and PhD in Mechanical Engineering from the University of Massachusetts Amherst. Her research focuses on simulating ocean hydrodynamics of offshore floating wind turbines with computational fluid dynamics. She is a visiting faculty member in Mathematics and Physics at The Evergreen State College.

Younger Chemists Committee

YCC Networking Opportunities

Hello YCC!

Below is a link to a 3 minute survey that will help the Puget Sound section identify what types of events and opportunities will be the most beneficial for our young chemists. The survey will be available through May 1 and if you are on the Puget Sound mailing list, you can expect to receive the survey in an email as well. We look forward to planning events that are specific to YCC and your input will help guide events for the rest of 2017.

Thanks for sharing your time to make these events a success!

LINK HERE: <https://www.surveymonkey.com/r/98DWDPY>



Younger Chemists Committee

YCC Networking Opportunities

YCC is committed to helping students and professionals find networking opportunities. Below are current monthly networking opportunities in the Seattle area. Please reach out to us if you know of additional networking events in Seattle or in other regions within the Puget Sound ACS chapter region. Additionally, if you have an interest in ACS partnering with these events, or having its own networking event, please reach out to us! Let us know how you liked these events!

- NBIS (Network for Business Innovation and Sustainability) - <http://nbis.org/> - Helping business focus on innovation and sustainability
- Sustainable Seattle - <http://www.sustainableseattle.org/> - Among other things, they host "Green Drinks" which is a low key networking event each 2nd Tuesday of the month. Location changes; free beer/wine and snacks
- NWAEP - <http://www.nwaep.org/> - Northwest Association of Environmental Professionals - They host a first Thursday networking event each month
- NEBC - <http://www.nebc.org/NebcEvents.aspx>
- Net Impact - <https://www.netimpact.org/chapters/seattle-professional> - A professional group centered about helping professionals make a meaningful impact at work and in their communities
- NEEC - <http://www.neec.net/> - Northwest Energy Efficiency Council - hold meetings, trainings and networking events related to energy conservation and sustainability
- YEP – Young Environmental Professionals, <http://nebc.org/view/yep-info.aspx>



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.

Last Month: 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

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

Save the Dates!
Reducing Chemical Hazards: The First Move
March 15, 2017
1st Quarter Research & Innovation Office
120 University Street, 410
Seattle, WA 98101
Register: <http://bit.ly/2jFpzVW>
Cost: \$49 (for members), \$69 (non-members)
or \$89 (for members), \$109 (non-members)

Why is this training important?
It is crucial to make informed decisions when choosing chemicals in products, processes, and supply chains. Though it seems like an obvious step, identifying and knowing the potential hazards of chemicals is often overlooked or perceived as too complicated or costly to address. Our comprehensive hazard and financial risk if they are not making informed decisions about the chemicals they use. This tool provides a first line of defense against regrettable chemical choices while the in-person training provides you with hands-on practice and ensures you can effectively use the tool in your organization.

What is the tool and how is it used?
Companies striving to reduce their chemical footprint can now make a first move using the GreenScreen® List Translator. This automated tool is an abbreviated version of the GreenScreen® for Safer Chemicals, a globally recognized chemical hazard assessment method used to identify chemicals of high concern and safer alternatives. The GreenScreen® List Translator helps you understand known impacts of chemicals on human health and the environment and categorize which chemicals to avoid when purchasing and designing. The tool is easy for anyone to use regardless of experience or knowledge related to chemical hazards and can be applied to chemicals you currently use or may use in the future.

As a precursor to the training, we invite you to attend our free introductory webinar where you will learn the basic principles of chemical hazard assessments, why they are of interest, and how to use to identify and screen your hazardous chemicals. (Date: 2/2)

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 business. 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 Sourcing, 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 chemicals 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
10:00 AM - 11:00 AM
Register at: <http://bit.ly/2jFpzVW>

This webinar will be recorded and posted to the Green Chemistry e-lects web page.

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 business. 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 Sourcing, 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 chemicals 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
10:00 AM - 11:00 AM
Register at: <http://bit.ly/2jFpzVW>

This webinar will be recorded and posted to the Green Chemistry e-lects web page.

Mark Your Calendar

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.

Mark Your Calendar

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

Mark Your Calendar

NORM 2017

More info: www.norm17.org

The deadline for NORM17 abstract submissions is 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.

[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

Careers

Job Openings

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

[SEM Technician – Research Associate II \(Western Washington University\)](#)

Deadlines: See job posting for details

Location: Bellingham, WA

ACS PSS Posting Date: 12/30/2016

Brief Description: This is a 50%, 12-month, professional staff position.

The Research Associate will assist, train, and supervise students, faculty, and other users in SEM, SEM-EDS, S/TEM, and related instrumentation. Perform and apply advanced SEM and S/TEM imaging, SEM-EDS microanalysis, and sample preparation techniques. Serve as technical consultant to faculty, students, and other investigators. Develop and apply new techniques or procedures applicable to research and teaching. Collaborate on research and teaching. Develop and pursue projects and proposals for external funding. Maintain and service SEM instrumentation and related equipment.

Required Qualifications:

- M.S. in chemistry, physics, materials science, biology, or a related field, or equivalent experience.
- Minimum 1 year experience operating SEM and SEM-EDS instrumentation.
- Demonstrated commitment to work effectively with a diverse group of students, faculty, staff and external partners.
- Strong record of effective teamwork and collaboration.
- Good oral and written communication skills.

Applications will only be accepted via Western Washington University's Job Application Management site. To view the full announcement and to apply, visit <https://jobs.wvu.edu/JobPosting.aspx?JPID=7348>

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/ecy/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)	TBA
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®