

SECTION HOLDS STRATEGIC PLANNING WORKSHOP

THREE DEFINED GOALS DEVELOPED TO BETTER SERVE BOTH MEMBERS & THE COMMUNITY



Planning workshop participants were: bottom row (left to right) Megan K. Nims, Anna Cavinato, Larry Krannich (ACS facilitator); middle row Sandy Fiskum, Kristin Omberg, Bri Stavaas-Jamac; top row Sayan (Dev) Chatterjee, Tim Hubler, Xiao Zhang, Mariefel Olarte, and Shimir Branch. Not shown are Janet Bryant, Susan Asmusen and ACS facilitator Kathleen Schulz.



GOAL 1

Communicate the wonder of chemistry to students and the community

GOAL 2

Provide members with opportunities for exchange of knowledge, networking, professional development and recognition.

GOAL 3

Empower and engage members and member communities in the Richland Local Section.

ACS RICHLAND SECTION

Vision Statement

Energize members and engage community to advance the broader chemistry enterprise.

Mission Statement

Advance the broader chemistry enterprise by providing resources, programs, and outreach for the benefit of our communities.

Where is the Richland Section going? How will it get there? How can the Section best serve its members and the community? These were some of the questions discussed at a strategic planning workshop held on April 13 and 14 in Richland. Twelve section members, guided by two facilitators provided by the national ACS organization, proceeded in a structured, disciplined way to answer these questions.

To prepare for the workshop, a questionnaire was sent out to all Richland Section members. The sixty-seven members that responded provided a picture of where the section is currently and also provided a wealth of ideas and suggestions. Combining the survey results with the Section's core value of service to members and the community lead the

planning team to define three goals for 2019. Much of the planning workshop was spent on developing concrete steps that can be taken to implement these goals, along with metrics to measure goal completion.

The Richland Section would like to thank all members who completed the pre-workshop questionnaire. Your voice was heard! The workshop final report and more photos can be found on the section's website, [HTTPS://acs.labworks.org/](https://acs.labworks.org/).

If you have questions concerning the planning workshop, or are looking for ideas as to how you can help the section achieve its goals, contact the section Chair, Kristin Omberg, (509) 375-2934, or email Kristin.omberg@pnnl.gov.

INSIDE THIS ISSUE

SAVE THE DATE | NOVEMBER 15

ANNUAL SECTION SOCIAL & AWARDS CEREMONY

Honor 50 Year Members • Student Posters • Light Refreshments

Chemists Celebrate Earth Week

Women's Chemist Committee Outreach

Richland Section Spring Outreach Activities

Say Cheese! Darigold Tour

RICHLAND SECTION MEMBERS RECEIVE AWARDS



ERIC HOPPE ELECTED ACS FELLOW

Congratulations to Eric W. Hoppe on his election to the 2019 Class of ACS Fellows. The American Chemical Society Fellows Program was created by the ACS Board of Directors to recognize members of ACS for outstanding achievements in and contributions to science, the profession, and the Society.

Eric Hoppe is a senior staff scientist within the Signature Science and Technology Division at the Pacific Northwest National Laboratory, and possesses an impressive portfolio of leadership, technical, and volunteer accomplishments. His primary area of research is in the development of radiopure materials, clean chemistry methods, and ultra-sensitive assays to support ultra-low radiological backgrounds in support of highly sensitive detectors for national security and rare event physics searches.

Eric continues to be involved in developing future scientists by mentoring undergraduate interns, guiding graduate students including participation on graduate review committees, post-doctorates and early career staff. He has been an adjunct instructor for Washington State University and Columbia Basin College and has organized local, regional, and national symposia for the American Chemical Society and the American Society for Mass Spectroscopy.



JANET BRYANT RECEIVES 2020 ACS VOLUNTEER AWARD

Janet Bryant has received the ACS's 2020 Award for Volunteer Service. This award is presented annually to honor volunteer efforts that have served ACS and contributed to the organization's goals and objectives. Bryant was honored for her holistic and strategic approach to volunteerism, unwavering commitment to empowering chemists, and proven track record of translating goals and needs into tangible actions.

Janet, who recently retired after 38 years with the U.S. Department of Energy's Pacific Northwest National Laboratory (PNNL), has been an ACS member for more than 20 years. During this time, she has been deeply involved in a number of society activities and committees, with a particular focus on career building, networking and the advancement of women in the chemical sciences. She has served as the chair of the ACS Women Chemists Committee, the ACS Division of Business Development & Management, and the Richland Section and among others. Janet was instrumental in the Richland Section's sponsorship of NORM in 2018 and currently serves as chair of the section's by-laws committee and co-chair of the awards committee.

As part of her award, Bryant will deliver the keynote address at the ChemLuminary Awards ceremony during the Fall 2020 ACS National Meeting & Exposition in San Francisco.

ESSELEN AWARD FOR CHEMISTRY IN PUBLIC INTEREST NOMINATIONS

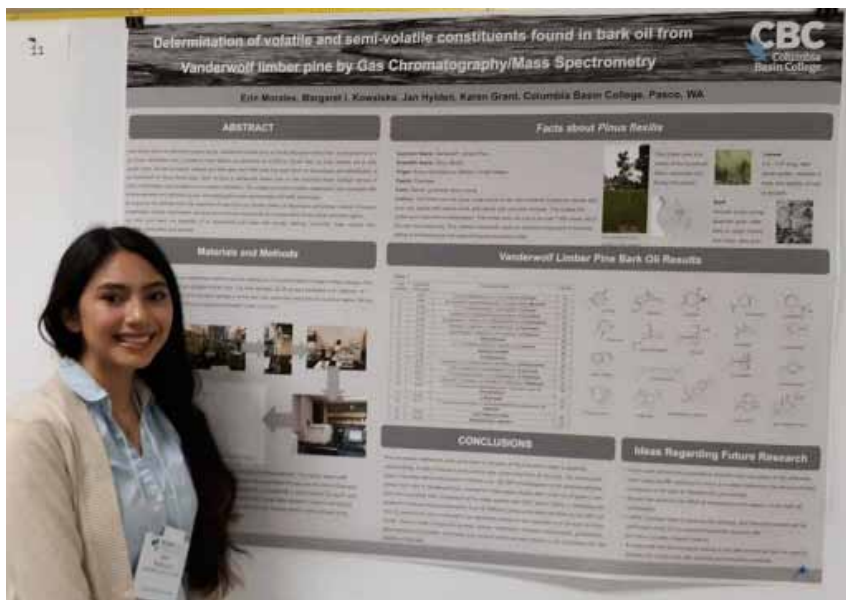
The Northeastern Section of the ACS is soliciting nominations for the "Esselen Award for Chemistry in the Public Interest". The award annually recognizes a chemist whose scientific and technical work has contributed to the public well-being and communicated positive values of the chemical profession. The deadline for nominations is October 18, 2019. More information concerning the award may be found at http://www.nesacs.org/awards_esselen.html#call4nom. Additionally, information on a wide variety of ACS awards can be found at <https://www.acs.org/content/acs/en/awards.html>

RICHLAND SECTION MEMBERS TAKE DARIGOLD TOUR



What do people usually say when you get their picture taken? Cheese! On May 18, 2019, members of the Richland Section of the American Chemical Society, with family and friends, were hosted by Mr. Tom Rouleau, cheese expert and technical manager at the Sunnyside, Washington Darigold facility. This was a special tour made possible on a Saturday morning from the kindness of Mr. Rouleau, Ms. Bernice Anderson (initial contact) and the Darigold management. A total of thirty participants came. They were treated to a sample tasting of the company's excellent aged white cheddar while an overview of Darigold's history and products was presented. After a question-and-answer session, a tour of the cheesemaking facility was given. A group lunch was held at Snipes Mountain Brewery.

RICHLAND SECTION'S BUSY SPRING SUPPORTING STEM & THE COMMUNITY



RICHLAND SECTION SUPPORTS CBC STUDENTS ATTENDING NORM 2019

The Richland Section allocated funds to support Columbia Basin College undergraduate chemistry research students Erin Morales, Abigail Rossi, Candice Sires, and Katelyn McMurray in attending the Northwest Regional Meeting (NORM) of the American Chemical Society this past June at Portland State University. The students presented posters on their research projects; each project focused on the characterization of the essential oils of pine, mint, or moringa. Erin is shown at left with her poster on the constituents found in Vanderwolf Limber Pine.

EXPANDING YOUR HORIZONS WORKSHOP

The Richland Local Section and the Section's Women's Chemists Committee recently sponsored the annual Expanding Your Horizons (EYH) workshop. This year, EYH successfully hosted approximately 120 students, showcasing various STEM careers and illustrating unique and sometimes non-traditional career opportunities in our region.

Other sponsors included the Society of Women Engineers (SWE, Eastern Washington Section), Yakima Valley/Tri-Cities Mesa, Women In Nuclear (WIN), Bechtel, and Energy Northwest. The sponsorships assisted in booking the conference venue, helping to register the event through the national EYH program, providing a lunch to students and volunteers, having swag bags to offer the attendees (stocked with useful items such as notepads, pens, and water bottles), and allowing the committee to offer EYH scholarships.



RICHLAND SECTION MEMBERS BRING CHEMISTRY TO LEONA LIBBY MIDDLE SCHOOL WITH SCIENCE, TECHNOLOGY, ENGINEERING, ARTS & MATH (STEAM) NIGHT.

SCIENCE DAY OUTREACH TO NATIVE AMERICAN STUDENTS

It was a day filled with fun and discoveries for over sixty students in grades 6th-8th who participated in an outreach event for Native Americans from the Confederated Tribes of the Umatilla Indian Reservation. Faculty, staff and members of the Eastern Oregon University Chemistry Club traveled on May 30th to Sunridge Middle School in Pendleton, OR and conducted activities related to NCW and CCEW themes. They also utilized kits provided by a grant from the National Informal STEM Education Network. Children were divided into groups and rotated through hands-on activities that included using paper chromatography (shown at bottom left) to identify different types of ink, learning about chiral molecules and their different properties, experimenting with citric acid and baking soda to propel rockets and learning about different phases of matter by making sublimation bubbles using dry ice, and ice cream with liquid nitrogen.



CELEBRATING WOMEN'S HISTORY MONTH



In celebration of Women's History Month, the Women Chemists Committee held a two-part series focusing on the History of Hanford and the historical and current contributions of women to Hanford.

The first event focused on the History of Hanford and was held at the REACH museum. Shirmir Branch began the event by discussing the work of Dr. Chein-Shiung Wu, followed by presentations from Dr. Michele Gerber and Cal Delegard. Dr. Gerber provided an overview of the history and operations at Hanford, including a discussion about why the history of Hanford is still relevant and should be considered in guiding future site planning and operations. Mr. Delegard gave a presentation on the industrial processes used for plutonium separation and chemical conversion, including a detailed comparison of the methods used in the USSR and US during the Cold War.

The second event, held at WSU Tri-Cities, featured Anna King, where she presented her award winning multi-media presentation Daughters of Hanford. Following the presentation was a panel discussion featuring three of the Daughters: retired Washington State geologist Zelma Maine Jackson, PNNL geochemist Frannie Smith, and retired head of Washington State Ecology's Hanford program, Jane Hedges. The panel allowed the audience to hear about each woman's unique experiences at Hanford, as well as ask questions.

Thank you to all of the members that joined us to celebrate Women's History Month. The WCC would also like to thank all of our speakers and the REACH and WSU Tri-Cities for their partnership in holding these events.

CHEMISTRY & NUCLEAR SCIENCE MERIT BADGE



The Richland Section is helping to sponsor training this fall for boys and girls, age 13 and up, in both chemistry (Nov 2 and 9) and nuclear science (Nov 2 and 16). The training is based on respective Boy Scout merit badge requirements.

For questions on the chemistry badge, contact Steve Krogsrud, email: steve_krogs@hotmail.com.

For the nuclear science badge, contact Sandy Fiskum, email: sandenf@msn.com.

Volunteers are also needed to assist at both workshops.

WOMEN CHEMISTS COMMITTEE SPONSORS PROGRAM-IN-A-BOX

In February, the Richland Local Section of the American Chemical Society Women's Chemist Committee (ACS-WCC) and the Washington State University (WSU) Tri-Cities Campus co-sponsored the 2019 Program-in-a-Box (PIB) at the WSU Campus. Organized by Dr. Mariefel V. Olarte (Pacific Northwest National Laboratory, PNNL), Dr. Manuel Garcia-Perez (WSU) and Dr. Aftab Ahamed (WSU), the first PIB event between ACS, PNNL and WSU Tri-Cities, was attended by five graduate students from the Center for Bioproducts and Bioenergy and five undergraduate student participants from the WSU-led Louis Stokes Alliances for Minority Participation (LSAMP). PIB is a free ACS-sponsored activity where invited experts discuss a given topic through a simultaneous webinar telecast. ACS sends organizers who pre-registered for the event a box that contains event paraphernalia and door prizes. This year's PIB is entitled "The Evolving Periodic Table and Its Incredible Elements", in celebration of the International Year of the Periodic Table.



DID YOU KNOW? Anyone can sponsor a Program-in-a-Box for their group or class!

The next one will be October 22, 2019.

The deadline to sign up is October 4, 2019. Here's the website for details:

<https://www.acs.org/content/acs/en/acs-webinars/program-in-a-box/pib-on-demand/metals.html>

CHEMISTS CELEBRATE EARTH WEEK



The Richland Section of the American Chemical Society participated in the 3rd Annual Celebration of Science: Our Scientific Heritage on April 20th, 2019 in The Fingernail, Howard Amon Park, Richland, Washington. This was in conjunction with the Chemists Celebrate Earth Week (CCEW) event. The Annual Celebration of Science event is family-friendly, giving Tri-Cities residents the opportunity to engage with scientists in the community through discussion and hands-on activities. Through an activity that allowed a participant (a kid or even a parent) to recognize the patterns in rows and columns of agents, and predict the features of the missing agent, ACS volunteers were able to incorporate elements of the celebration of the International Year of the Periodic Table into the activity. About 60 individuals participated. Visitors to the ACS tables were also able to take home pamphlets discussing this year's CCEW topic of "Take Note: The Chemistry of Paper" as well as other ACS giveaways such as the moles, non-permanent tattoos and buttons. We thank those who volunteered: Dr. Shirmir Branch, Mr. Jim Jewett, Dr. Kristin Omberg, Dr. Mariefel V. Olarte, Dr. Christina Padilla-Cintron and Dr. Frances Smith.



WHITE BLUFFS ELEMENTARY OUTREACH ACTIVITY

In March, the Richland Section helped sponsor a traveling science presentation titled "Science on Wheels"

EARTH WEEK CELEBRATIONS IN LA GRANDE



UPCOMING EVENTS

OCTOBER 18 - ESSELEN AWARD NOMINATION DEADLINE

http://www.nesacs.org/awards_esselen.html#call4nom

NOVEMBER 2 & 9 - YOUTH CHEMISTRY WORKSHOP

Contact Steve Krogsrud, steve_krogs@hotmail.com

NOVEMBER 2 & 16 - YOUTH NUCLEAR SCIENCE WORKSHOP

Contact Sandy Fiskum, sandenfm@msn.com

NOVEMBER 15 - ANNUAL SECTION SOCIAL & AWARDS CEREMONY

6PM, RICHLAND COMMUNITY CENTER

LEARN MORE ONLINE

<http://acs.labworks.org>

Earth Day celebrations in La Grande started on Saturday, April 6 when the Eastern Oregon University (EOU) Chemistry Club hosted a group of forty-five students in the SMILE program from Ontario and Nyssa. The Club offered a workshop for the older children while the younger ones attended a magic show in an adjacent room.

On May 8 a group of twenty-five pre-schoolers from the local Head Start program traveled to Eastern Oregon University to conduct hands-on activities. Following the CCEW theme, children used paper chromatography and water soluble markers to create colorful butterflies.

Finally, on May 16 the club was invited to participate in a large outreach to 5th graders from the eastern part of the state who traveled to EOU to learn more about attending college. We hosted a table with a poster describing our professional and outreach activities including CCEW topics.

At all events children received a copy of the "Chemistry Celebrate Earth Week" booklets in English and Spanish along with environmental nanomoles and other giveaways provided by the Richland Section.