

NOVEMBER 2020

SECTION ELECTIONS

2021 SECTION OFFICERS VOTING INSTRUCTIONS

The election for officers of our local ACS Section will be conducted electronically. The ballot will be sent to the email address you provided to ACS in your "Yellow Book" member registration. You will receive an e-mail with a link to a survey. Simply follow the link to see the ballot where you can vote for each position. The voting process is very straightforward and will take about one minute. Note that the ballot does have the option for write-in candidates, per our bylaws. **The last day votes will be accepted is November 13, 2020.**

For those members who do not have an e-mail address registered, you are receiving a paper ballot in this newsletter. **Please return the ballot by November 13, 2020.**

PLEASE VOTE ONLINE
YOUR PARTICIPATION IS APPRECIATED!



BALLOTS DUE
NOVEMBER 13th

ANNUAL SOCIAL GOES VIRTUAL

Please join us for our annual social, **November 13, 6:00 p.m., PST**. We will meet virtually this year, of course, so find a comfortable chair and bring a glass of your favorite beverage.

ADVANCED REGISTRATION IS REQUESTED BELOW:

https://american-chemical-society.zoom.com/meeting/register/tZMpc-ypqT0tGdfoCstwFCmqIOwyq_hEMyAX

After registering, you will receive a confirmation email containing information about joining the meeting.

Our evening will include a keynote talk about *Coffee Chemistry* from **Dr. Christopher Hendon, University of Oregon**.

We will review our local section activities this year, meet the 2021 board, conduct a chemistry trivia contest, and toast our guests of honor:

LOCAL SECTION VOLUNTEER OF THE YEAR AWARD *Megan Nims*

60 AND 70 YEAR MEMBERS
Dr. Richard Hermens, Dr. John Campbell and Dr. Emmett Moore, Jr.

ACS VOLUNTEER OF THE YEAR AWARD
Janet Bryant

AWARD FOR NUCLEAR CHEMISTRY
Dr. Sue Clark

2019 ACS FELLOW
Eric Hoppe

2020 ACS FELLOW
Dr. Ram Devanathan

INSIDE: CANDIDATE BIOS | CELEBRATING 60 & 70 YEAR MEMBERS

WOMEN CHEMISTS COMMITTEE



Sue Clark



Janet Bryant



Brandi Cossairt

WCC HONORING NATIONAL AWARD WINNERS FROM WASHINGTON PANEL

The Richland Section WCC is helping to organize a panel hosted by the Puget Sound Section WCC to honor 2020 ACS female national award winners from the state of Washington. The panel will be held via Zoom on **Thursday, December 3rd, 6:30pm**. Zoom registration link: https://us02web.zoom.us/join/register/WN_EtjH_c6YSNGP5ejFvxjBfQ

This panel will honor three women chemists: **Janet Bryant, Dr. Sue Clark, and Brandi Cossairt**. Janet Bryant, recently retired from Pacific Northwest National Laboratory (PNNL), was honored by ACS with the 2020 Award for Volunteer Service. Dr. Sue Clark, the Chief Science and Technology Officer and a Battelle Fellow in the Energy and Environment Directorate at PNNL and a Regents Distinguished Professor of Chemistry at Washington State University, was honored by ACS with the 2020 Glenn T. Seaborg Award for Nuclear Chemistry. Brandi Cossairt is a Professor in the Department of Chemistry at the University of Washington and is the recipient of the 2019 National Fresenius Award, sponsored by Phi Lambda Upsilon and the National Chemistry Honor Society. The panel will feature brief presentations by the awardees, followed by time for questions and answers.

Please join us to honor the accomplishments of these three fantastic chemists!



NCW Sticking With Chemistry

October 18th through 24th was National Chemistry Week. This year's theme was "Sticking with Chemistry - The Importance of Adhesives." Richland Section outreach events were more subdued than usual, as you might expect in this pandemic year. The energetic student members of the Chemistry Club at Eastern Oregon University developed a webcast demo discussing the chemistry of slime that you might enjoy.

Check it out at

<https://www.facebook.com/watch/?v=383223079472364>



Also, the national ACS website has some great adhesive webcasts at:

<https://www.acs.org/content/acs/en/education/outreach/ncw.html>



"ALTHOUGH YOUR DISCOVERY IS VERY IMPORTANT, THE CONSENSUS IS THAT YOUR ARTICLE ABOUT IT LACKED SUSPENSE, AND WAS COMPLETELY DEVOID OF HUMOR."

The incongruity of the reviewers' comments with the criteria that one thinks should govern the evaluation of a paper or proposal is what makes the cartoon funny. But, as is always true in Sidney Harris's cartoons, there is another message under the surface: Perhaps scientists should embrace the "broader audience" of their papers, or the "outreach" criteria of the granting agencies more openheartedly. Nothing in the nature of the world or the understanding of scientists would be damaged if humor and suspense were allowed to enter scientific papers. Gatekeepers relax! – Roald Hoffmann, Cornell University

GIRLS IN SCIENCE Goes Virtual

SPOTS STILL OPEN FOR VIRTUAL GIRLS IN SCIENCE DAY

There are still spots open for girls wanting to register for the popular "Girls in Science" day, November 7th. Normally held at Eastern Oregon University, this year's event will be virtual. Girls in grades 6 thru 8 are eligible. The theme for the event will be the science behind Covid-19. For registration or questions, email hhulse@neoahc.org.



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PRESENTING THE 2021 SLATE OF CANDIDATES

TREASURER *Deepika Malhotra*



Deepika Malhotra grew up in a city located on the foothills of Himalayas in northern India named Chandigarh. She received her Ph.D. from University of Louisville, Kentucky in Organic Chemistry in 2014 and then joined Pacific Northwest National Laboratory (PNNL). She is currently a Scientist in Applied Synthetic Chemistry Group and her research at PNNL is focused towards designing and synthesis of modular solvent for CO₂ capture and acid gas separations. She has been a member of American Chemical Society and has participated in national/local conferences as an oral presenter, session presider and has co-organized symposium. She was fundraising Chair for American Chemical Society 73rd Northwest Regional Meeting (NORM) held at PNNL in June 2018. She is actively involved with the local Richland ACS section and is currently serving as a Treasurer for Richland local section. Given the opportunity she will be delighted to continue serve the local section as a treasurer and contribute to the overall success and growth of the organization.

TREASURER *Tamas Varga*



Tamas Varga grew up in Debrecen, Hungary, where he earned his M.S. degree in Chemistry. He received his Ph.D. in Chemistry from Georgia Institute of Technology in 2005. After two postdoc jobs at UC Davis (2005-2007) and Argonne National Lab (2007-2009), respectively, he joined PNNL in 2009. He has been working in the Environmental Molecular Sciences Laboratory (EMSL) ever since, and is currently a Materials Scientist and lead for the Physiochemical Transformations Team in EMSL.

Tamas's research at PNNL focuses on the application of x-ray imaging and spectroscopy methods to studies of biological, geological, and other materials and problems. He has published over 100 journal articles, 1 book chapter, as well as given a number of invited presentations at conferences and research institutions in the US. He has also been active in scientific editing, conference chairing, different proposal review panels in the materials science and synchrotron science areas, and mentoring the younger generation in science. He has been a member of American Chemical Society for 16 years, and would like to become more involved with the local Richland ACS section in the future.

CHAIR-ELECT *Cristina Padilla*



Cristina Padilla is a Scientist at Pacific Northwest National Laboratory. She has a B.S. in Chemistry from University of Puerto Rico-Río Piedras and a M.S. in Chemistry from University of Houston-Clear Lake. Her research at PNNL has focused on forensic analyses of fuels and sol-gel chemistry.

Cristina is actively involved with the local Richland ACS section and is currently serving as the Membership Chair. Also, she is a key member of the Diversity and Inclusion Committee. As part of the Chairs succession, she is committed to provide support to our members and member communities in these uncertain times.

SECRETARY *Shirmir Branch*



Shirmir Branch is a Chemist at Pacific Northwest National Laboratory. She joined the Nuclear Chemistry & Engineering group at PNNL from the University of Cincinnati in 2018, where she received her PhD in analytical chemistry. The focus of her research at PNNL involves mercury and iodine

separations in Hanford waste, and molten salt chemistry and spectroscopic monitoring development. She has been a member of the American Chemical Society since 2009 and has participated in national, regional, and local meetings as a presenter and event organizer. She has been involved in the local Richland section since 2016 and currently serves as the section's secretary. She has participated in several outreach events with the Tri-Cities. She is founding member of the local Women Chemists Committee and currently serves as the mentoring chair.

VOLUNTEER DATABASE

RICHLAND SECTION DATABASE BUILD IN PROGRESS

The Richland Section is currently building a volunteer database to help better connect our members with opportunities they may be interested in and to improve how the section serves our community! Are you interested in being a part of public outreach, working with college students, or potentially mentoring younger career chemists? A link to the survey will be sent via email. For more information, please send inquiries to wcc.richland@gmail.com.

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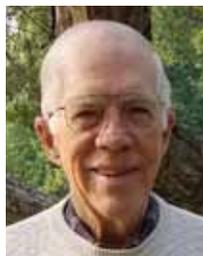
RICHLAND SECTION HONORS 60 & 70 YEAR MEMBERS

At the November 13th virtual meeting, the Section will be recognizing and honoring 60 year members Richard Hermens and Douglas Campbell, as well as 70 year member Emmett Moore. Here's some background on the three chemists:



EMMETT MOORE 70 YEAR MEMBER

I grew up in Pullman, Washington, where my father taught civil engineering at WSU. I was always interested in all types of science and was drawn to chemistry because it seemed central to many areas. I thought (correctly, as it turned out) that a background in chemistry would offer me the flexibility to work in any number of disciplines. I did also study physics and biology in college to broaden my knowledge. I would say that my years at the Boeing Scientific Research Labs were my most scientifically productive. I did research in chemical and solid state physics and along the way taught physics, physical chemistry, and for the last 29 years environmental science at WSU-TC. To someone just starting out, I would say, "Be prepared to change careers at least once in your professional lifetime."



DOUGLAS CAMPBELL 60 YEAR MEMBER

I started out life in Eureka, California, but my family moved to Portland, Oregon when I was very young. It was there I attended school. I have to credit my 8th grade science teacher for sparking my interest in chemistry. I remember one day he was talking about benzene, its structure and reactivity, and I was just fascinated. One good experience led to another, and in 1959 I received

my B.S. in chemistry from the U. of the Pacific. I later received my Ph.D. from Oregon State. My career has been spent teaching at Eastern Oregon U. In my spare time I enjoy music, especially singing. For a number of years I was in a barbershop quartet. Backpacking has also been a passion. For someone just starting out, I would say, "Take time to look around you. You will find it is rewarding to build relationships with your coworkers."

Finally, I want to say that it is delightful to pause and browse through my many memories of the doings of the Richland Section. The Richland Section was a major actor in shaping my tenure in chemistry. I particularly enjoyed assisting with numerous symposia developed for the region. Dr's Milt Campbell and Lee Burger gave us terrific leadership for these well-attended activities. The field trips we arranged which brought our students into the professional bright lights were fabulous. Thank you, Richland Section.



RICHARD HERMENS 60 YEAR MEMBER

I was born and raised in a village of Verboort, Oregon. It is so small that it does not have a zip code! My junior year of high school was the time I decided to study chemistry. My father was a farmer and after a hard day's work he would have a beer. He always put a

little salt in his beer. I noticed that bubbles came up when the salt hit the beer. I wondered, why? This is the simple question that sparked my interest in chemistry. I was always interested in the question of how things worked, such as why does salt melt snow - studying chemistry was the way to find the answer.

In my career in the collegiate classroom for 39 years, I learned that not all students learn the same way. Some can learn the theory very easily and other need to use their senses to learn. This is called "laboratory" and students need that. During this pandemic, I feel sorry for those who cannot experience the laboratory segment. For a few summers, I consulted with Exxon Nuclear where I have one of my three patents. The recovery of uranium from waste ponds is one in which I have lot of pride.

In my spare time, I enjoy photography and have won some awards in the Columbia Council of Camera Clubs.

The best advice I have for someone starting out is to go the way that is best for you. It may not be the journey that is projected by you - changes may occur and the path will lead to the best way for your needs. There may be bumps, rocks and culverts but thousands of people have made it already. It may seem huge at the time but looking back it wasn't so bad.

Finally, as a past councilor of the Richland Section, I served on national committees such as Local Section Activities Committee, Nomenclature Committee, and the Senior Chemists Committee. These committees allow you to meet many other ladies and gentlemen from other parts of the nation. It is very personally rewarding to be part of it.

UPCOMING EVENTS

NOVEMBER 13

SECTION ELECTION BALLOTS DUE

Sandy Fiskum: Sandy.Fiskum@pnnl.gov or (509) 375-5677

NOVEMBER 13

ANNUAL MEMBER RECOGNITION VIRTUAL SOCIAL 6PM

https://american-chemical-society.zoom.com/meeting/register/tZMpc-ypqT0tGdfoCstwFCmqI0wyq_hEMyAX

DECEMBER 3

WOMEN CHEMISTS COMMITTEE VIRTUAL AWARDS 6:30PM

https://us02web.zoom.us/webinar/register/WN_EtjH_c6YSNGP5ejFvxjBfQ

UP-TO-DATE INFORMATION ALWAYS AVAILABLE AT <http://acs.labworks.org>

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