



The Puget Sound Section of the American Chemical Society &
the University of Washington Department of Chemistry
present

Dr. Allison A. Campbell

Associate Laboratory Director for Earth and Biological Sciences,
Pacific Northwest National Laboratory



Chemistry and Public Policy

The past few years have seen scientists across the country be more involved in public policy. Specifically, we have seen scientists speak about the important contributions science makes to U.S. national security, our economy, and our overall well-being. As scientists and experts in our field, it is our responsibility to ensure lawmakers are well educated when creating policies that affect our discipline, our work, and our communities—a point I have emphasized during my time in the Presidential Succession. During my year as ACS President, I hosted an advocacy workshop at the 2017 Fall National Meeting in Washington, DC focused on training ACS members on how to become the chemistry advocates of tomorrow. More than 40 participants attended the workshop, primarily young chemists. I hosted a similar event at the 2018 Spring National Meeting in New Orleans, and plan to host another event at the Northwest Regional Meeting and the 2018 Fall National Meeting in Boston.

Tuesday, May 15, 2018 | 131 Bagley Hall | 7:00 p.m.

Reception to follow | 102 Chemistry Building

About Dr. Campbell

Dr. Campbell is the Associate Laboratory Director for Earth and Biological Sciences at the Pacific Northwest National Laboratory. In this role, she sets the vision and strategy for PNNL's research in support of the Department of Energy's Office of Biological and Environmental Research (BER) and the National Institutes of Health. Prior to this role, she served as the Director of EMSL, the Environmental Molecular Sciences Laboratory, a DOE Office of Science User Facility sponsored by BER and located at PNNL. As EMSL director, she managed the rapid deployment of more than 30 new instruments funded with \$60 million from the American Recovery and Reinvestment Act; directed development of RadEMSL, a specialized facility designed to accelerate actinide chemistry studies; and oversaw construction of a Quiet Wing that houses a unique suite of high-resolution, advanced microscopes.

Dr. Campbell is nationally recognized for individual contributions in materials development through her research in biomaterials. She is credited with co-inventing a bio-inspired process to "grow" a bioactive calcium phosphate layer, from the molecular level, onto the surfaces of artificial joint implants for hips and knees; these implants now have extended lives and are less likely to be rejected by the body. Dr. Campbell is also recognized for her work in understanding the role of proteins in biomineralization.

Dr. Campbell was elected the 2017 President of the American Chemical Society. She was elected Fellow of the American Association for the Advancement of Science in 2013, and has testified before the House of Representatives Committee on Science and Technology regarding the value of research at DOE labs.

Dr. Campbell earned her PhD in physical chemistry from the State University of New York at Buffalo and a BS in chemistry from Gettysburg College in Pennsylvania.