

Portland Section nomination for a ChemAttitudes Partnership ChemLuminary Award

The Portland Section values education and partnerships by giving people many opportunities to learn chemistry and other sciences by doing. This goal has been greatly enhanced through the ChemAttitudes partnership.

Last fall, an "Explore Science: Let's Do Chemistry kit" was awarded by www.nisenet.org/chemistry-kit to the Portland Section and the Oregon Museum of Science and Industry (OMSI).

NISENET (National Informal STEM Education Network) is an organization that focuses on delivering an informal science message to a public audience.

During the National Chemistry Week events in 2018, Molecules in Motion was a featured activity. We estimate about 2000 visitors were served. In cooperation with Alexe Mastanduno, OMSI's ChemLab supervisor, many of the hands-on activities from the kit have been incorporated into the regular experiments available for kids and adults in the OMSI ChemLab.

PICTURES FROM NATIONAL CHEMISTRY WEEK-ENDS AT OMSI
Photos by Rosa Hemphill



Several activities have also been put into regular use as a demonstration by both the Chemistry and Physics Labs. The target audience for the NCW and ChemLab activities ranges from early childhood all the way up to adults.



The well-planned and interesting activities in the Explore Science: Let's Do Chemistry kit are a welcome addition in the ChemLab and for NCW. They aid in our collaboration to provide quality chemistry activities for regular OMSI visitors as well as those who take part in NCW activities every year.

Some "Explore Science: Let's Do Chemistry" kit activities began their use during National Chemistry Week and continue to be used in the lab's regular rotating themes.

They include: Build a Better Battery, Chemistry is Colorful, and Chemistry Makes Scents

In addition, OMSI hosts many school group field trips and also works with home schools that need hands-on experiments to supplement what they can provide on their own.



Here are some of the other ways we in the Portland Section demonstrate our commitment to partnerships and to active involvement with chemistry: We provide scholarships to three undergraduates per year, we support two or more Project SEED students annually, we host monthly tours or dinner-seminar meetings, partner with Boeing on a number of community activities, and co-sponsor the Pauling award Symposium.

OMSI Teen Science Alliance with Boeing and ACS Portland Local Section.

Team participants utilize electrical engineering, circuit board prototyping, 3D printing and much more to complete a design challenge.

Guest judges from ACS and Industry judge the final event.

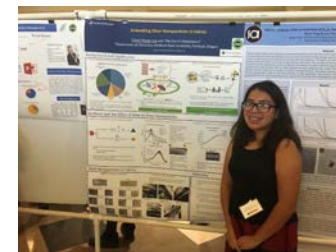


Photo courtesy of Martha Dibblee and Marcie Merritt



Vanessa Eng, a recent undergraduate scholarship winner

Photo courtesy of Martha Dibblee



Project SEED I student Citlali Nieves Lira of Tigard High School did her research with Dr. Marilyn Mackiewicz at Portland State University. Citlali's project was entitled "Embedding Silver Nanoparticles in Fabrics"

Photo courtesy of Angela Hoffman



ACS Portland Section hosts Women in Science Student Summit by Tracey Scherban, special to C&EN
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Some Portland Section meeting attendees

Photo courtesy of Martha Dibblee

21st Annual
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