



GeekOut!

Science & Technology Celebration



Free Day!
Kid Friendly Family Fun
Come say "Hi" to
Fin Salmon

Saturday

March 14, 2020

10:00 a.m. – 4:00 p.m.

Vern Burton Community Center
308 East 4th Street, Port Angeles, Washington

Join friends and neighbors to explore and celebrate the essential role science, technology, engineering, art, and math (STEAM) plays in our daily lives. See and hear exciting things about science and technology as you discover science is everywhere, everyday.



Keynote 10a.m.

Decarbonizing the Inside Passage - Inside Passage Decarbonization Project

Captain Peter Wilcox, Founder

Learn how technology and behavioral science can lay the groundwork to decarbonize the Inside Passage for a cleaner, greener passage connecting Washington, British Columbia, and southeast Alaska.

11a.m. **Tsunamis in the Salish Sea** - Carrie Garrison-Laney, Ph.D., Coastal Hazards Specialist

Discover how traces of past tsunamis and numerical models can help us understand tsunami hazards in the Salish Sea. Learn about paleotsunami evidence and look at new tsunami maps for Port Angeles. Also learn how to prepare for the inevitable next tsunami.

12p.m. **Saving the Dark** - Matt Jordon, International Dark Sky Association

This documentary explores astronomy and light pollution by revealing the significance of astronomy and the night skies. Learn the effects of light pollution on astronomy, human health, wildlife, and beyond. See what we can do to fight artificial light pollution.

1p.m. **Neuroscience of Addictive Disorder** - Allison Unthank, MD, Clallam County Health Officer

Does chronic relapse disorder, comprised of three recurring stages, ultimately lead to the pathological state known as addiction. How does medical treatment alter the neurotransmitters of this disorder to break the cycle?

2p.m. **Oil Spill Preparedness in the Pacific Northwest** - Sonja Larson, Response Technology Specialist

As Washington state prepares for changing risk scenarios, new technology informs oil spill preparedness and response. Discover how oil product types, environmental factors, and modes of transportation affect spill response options.

3p.m. **Active Volcanoes of Washington State** - Dann May, MS, Peninsula College

Washington's five active stratovolcanoes are both iconic scenic landmarks and reminders of the destructive geologic power that has shaped our land. A brief geological tour of these volcanoes will be followed by an assessment of the potential hazards they pose.

• **Presentations** offer informative details from experts in fields of science or technology.

• **"Science on Display"** honors the many real scientists who live and work on the Olympic Peninsula.

• **Tables** provide information from Olympic Peninsula organizations and businesses.

• **Posters** display scientific information and principles.



No Pets!

Questions?

- Facebook @2020GeekOut
- www.feioromarinelifecenter.org

Sponsored by
Feiro Marine Life Center

Members of organizations from across the north Olympic Peninsula volunteer their time, skills, and energy to support this annual festive science-fair like event.

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