

**The Diack Ecology Education Program and the  
Jane Goodall Environmental Middle School  
invite you to participate in a free science teacher training  
focused on field-based science inquiry .**



**August 15-16, 2018  
at  
Opal Creek  
Ancient Forest Center**



This two day workshop will provide hands-on opportunities in the field as well as classroom time to develop curriculum tools and strategies that promote student-driven field-based science inquiry projects from kindergarten through high school. Attending teachers can also apply for a \$2,000 grant (\$6000 if you work collaboratively with at least two other teachers) for classroom equipment and resources for field-based inquiry investigations from the Diack Ecology Education Program. Participating teachers will receive a \$100 stipend for attending.

This training is sponsored by the Diack Ecology Education Program of the Oregon Science Teachers Association and the Jane Goodall Environmental Middle School (JGEMS), a public charter school in Salem, Oregon, focusing on field-based environmental science.

### **What you will learn**

- Field-based science inquiry with your students, from the first visit to the field site to final presentation of the investigation's results.
- The opportunity to carry out an abridged science inquiry investigation at Opal Creek.
- Curriculum integration - how to use this as an opportunity for students to apply the skills and knowledge they learn in the classroom to engaging and meaningful field-based projects.
- Logistical concerns - time, funding, safety and developing community partnerships.

### **Workshop leaders**

- **Marie Carver** is the JGEMS executive director. She teaches science, conservation biology and math. She directs the field-based research projects. <http://jgems.net/>
- **Dottie Knecht** has received several Diack grants for her students at South Salem High School in Salem. She is a master at inspiring his students to develop innovative field-based research projects.
- **Jon Vogel** is a K-4th grade teacher at Springwater School in Beaverton. He is an expert on field-based research with elementary students.
- **Mike Weddle** is a retired JGEMS teacher and one of the founders of the school. He still leads research groups for JGEMS and also works with the Diack Ecology Education Program. [www.diackecology.org/](http://www.diackecology.org/)
- **Coleen McDaniel** from Vernier Software and Technology will demonstrate the use of various Vernier products like the LabQuest and digital probes that are ideal for data collecting in the field. <http://www.vernier.com/>

**Lodging and meals at Opal Creek will be provided.** [www.opalcreek.org](http://www.opalcreek.org)

**For more information and to register, contact Mike Weddle at** [mkweddle@comcast.net](mailto:mkweddle@comcast.net)