

# 2018 Annual Report



**Celebrating 15 Years**  
of Serving Washington Educators

# Message from the Executive Director & Board President

Dear FieldSTEM® Community,

Do all students in your community have the knowledge and skills to tackle local environmental questions, problems, issues, and opportunities? Unfortunately, most communities in Washington would answer “No” to this question. This is the heart of our work at the Pacific Education Institute (PEI). Our vision of a scientifically literate citizenry making balanced decisions for sustainable communities drives our work. It requires a commitment to integrated learning that is career connected, culturally responsive and locally relevant, and it works best when students get outdoors to make connections to the natural world by developing an appreciation and stewardship ethic for other species that share the planet with us.

The 2017-18 school year brought a new commitment by PEI staff and our partners to understand the components that make systemic and sustainable FieldSTEM implementation in schools and districts. We share our impact on 24,600 students last year in the pages to follow. These numbers represent students in the classrooms of the teachers who attended workshops in 2017-18 only, so that number barely scratches the surface of students impacted by the teachers who have attended over the last 15 years and who are still teaching. It also doesn't include the students in our FieldSTEM districts where administrators and teacher leaders are embedding FieldSTEM in the curriculum so all students in given grade levels are experiencing FieldSTEM year after year.

FieldSTEM helps students across the state understand the value of natural resources and that the ecosystem services and the economic opportunity they provide are the foundation of our communities in Washington. This is especially true in our rural and remote communities. New innovations in the energy, forest products, and agriculture sectors provide rich opportunities for students to learn about how Washington's natural resources can be managed for the benefit of all living things. PEI is committed to being at the forefront of this work. We hope this report demonstrates the quality of our work and that each of you will consider making a contribution to support PEI in the coming year, ensuring that all students and communities benefit from FieldSTEM.



*Kathryn Kurtz*

Kathryn Kurtz  
EXECUTIVE DIRECTOR



*Lisa Perry*

Lisa Perry  
BOARD PRESIDENT



**“Keep up the powerful work! Thank you for a useful workshop. It truly changed my outlook on what my kids are capable of!”** – Participant

## Equip

- FieldSTEM professional development
- Project Learning Tree® (PLT) & Project WILD® professional development
- Career and technical education (CTE) course framework development and support
- Standards-aligned guides, performance tasks & thematic units of study
- Worksite tours

## Empower

- Mentorship and ongoing support for teachers
- Educational resource development
- Consultation and customization to meet individual school and district needs

## Collaborate

- Office of the Superintendent of Public Instruction (OSPI)
- Educational Service Districts (ESDs)
- School districts
- Education associations
- Tribal Nations
- Natural resource agencies, companies & associations
- Conservation Districts
- Regional Fisheries Enhancement Groups
- Workforce Development Councils
- Land trusts

## Advocate

- Workforce Study S2SL 5285 (17)
- Climate Science Education SSL 6032 (18)
- Educating for a Green Economy (EGE)
- Inclusion of Traditional Ecological Knowledge (TEK)
- Since Time Immemorial

## Lead

- Standards integration (NGSS, CCSS)
- Diversity, equity & inclusion implementation
- Career connected learning
- Expansion of rural education opportunities and workforce development



# Program Highlights

42

WORKSHOPS  
DELIVERED

555

EDUCATORS  
SERVED

3,339

STEM CLOCK HOURS  
PROVIDED

24,600

STUDENTS  
IMPACTED

19

FIELDSTEM  
FACILITATORS  
TRAINED

15

SCHOOL DISTRICTS  
COMMITTED TO DISTRICT-  
WIDE FIELDSTEM  
IMPLEMENTATION

875

FIELDSTEM GUIDES  
DISTRIBUTED  
(PRINT)



FIELDSTEM  
COORDINATORS



Julie Tennis  
Coast



Jessica Lawrence  
East Puget Sound



Chad Mullen  
Lower Columbia



Lori Reynolds  
South & West  
Puget Sound



Mike Nepean  
Eastern WA



Washington State Coordinator



Western Washington Coordinator

508

PLT, WILD & WET  
GUIDES DISTRIBUTED  
(PRINT)

29

PLT/WILD/WET  
FACILITATORS  
TRAINED

8

PRE-SERVICE  
WORKSHOPS  
DELIVERED

168

PRE-SERVICE  
EDUCATORS  
TRAINED

STATEWIDE  
PRESENTATIONS



NEW RESOURCES



3

New Continuums: District, School,  
& Classroom. Piloting 2017-2018

3

New Performance Tasks: Estuaries  
(K-3); To the Woods (K-3); Solar,  
Wind, Hydro Renewable/Non-  
Renewable Energy (Grades 6-8)

1

New CTE Advanced Forestry  
Framework

## SYSTEMIC ACHIEVEMENTS

### **Emerald Hills Elementary (Sumner SD):**

2-day FieldSTEM Institute & follow-up.

16 K-5 teachers trained.

**Students Impacted: 384**



### **Shelton School District:**

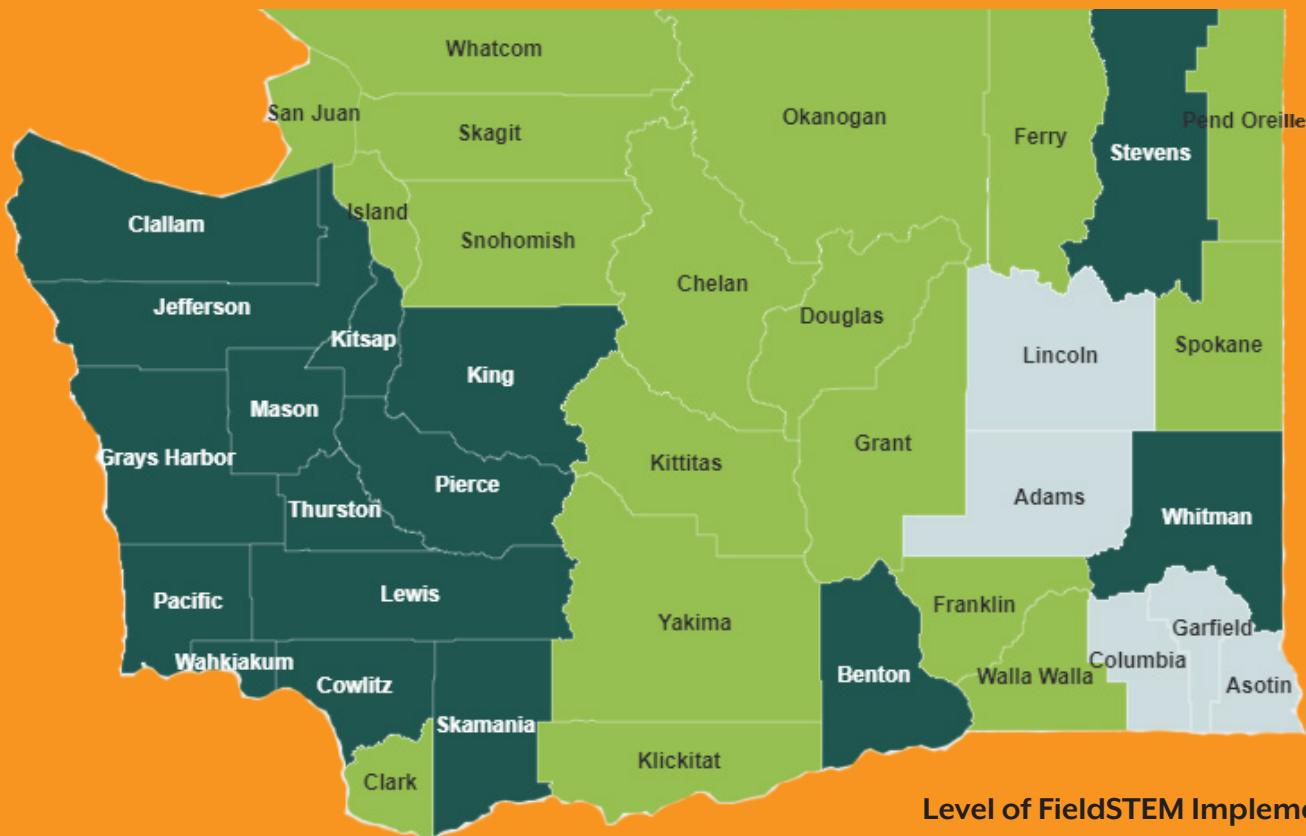
FieldSTEM embedded K-9. Every student engaged in a high-impact field experience.

**Students Impacted: 3,071**

**FieldSTEM Leadership Institute:** 36 School Administrators from 18 school districts attended a 3-day statewide institute. Participants then recruited 112 Teacher Leads from 23 school districts to attend one of four statewide **FieldSTEM Teacher Leader Institutes** to initiate FieldSTEM implementation. **Counties Represented: 16**

**Quillayute Valley School District:** 6 early-release sessions with Science Professional Learning Community. 9 teachers trained. **Students Impacted: 732**

## STATEWIDE FIELDSTEM IMPLEMENTATION



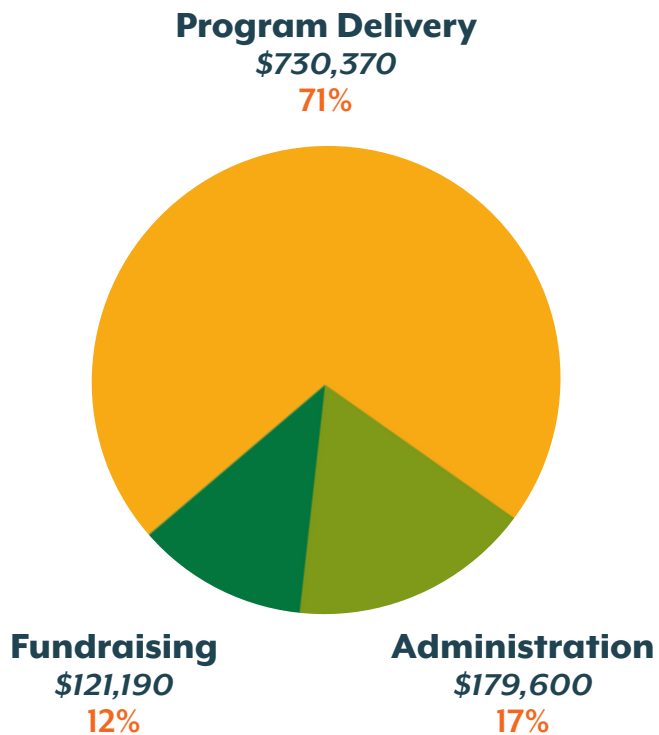
Level of FieldSTEM Implementation

- District Involvement
- Teacher Involvement
- No Current Involvement

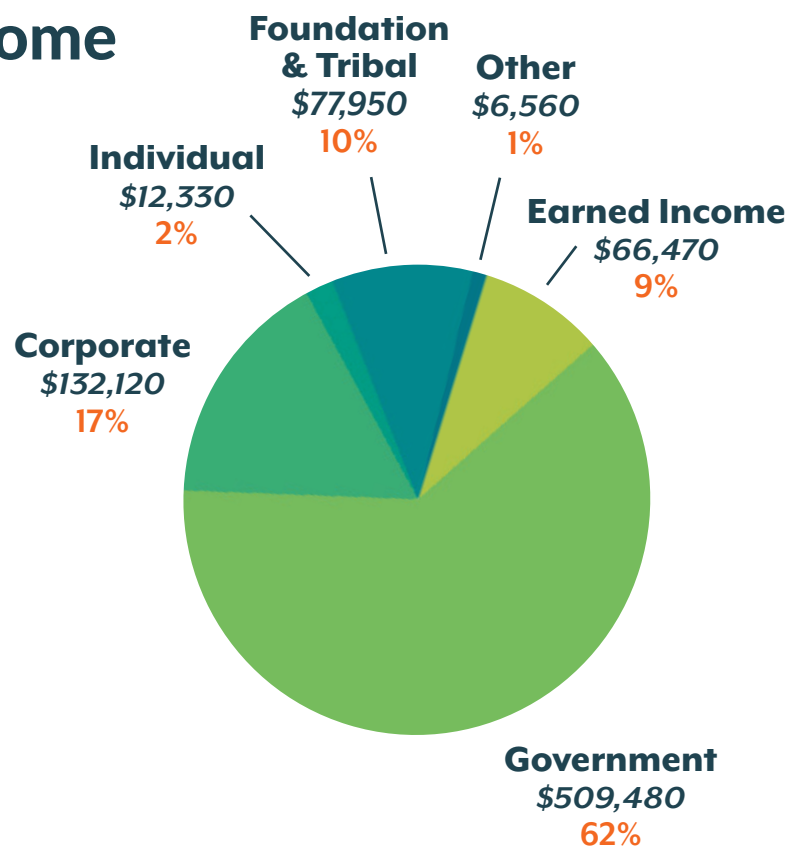
*“I love all that PEI stands for and does - for educators and, therefore, kids. I will always attend PEI workshops!”*  
– Participant

# Financial Overview

## Expenses



## Income



Current financial review available on our website November 2018

Our IRS ID number is: 75-3108166



“A big 'Ah-ha' was that performance tasks are mini research projects done at the beginning of a unit. Huge shift for my thinking, but so exciting!” – Participant

# Donors, Sponsors & Grantors

## Tribal, Corporate, Foundation, Association

\$50,000 +



\$20,000 - \$49,999



\$10,000 - \$19,999



\$5,000 - \$9,999



\$1,000 - \$4,999

The Community Foundation of South Puget Sound • Stevenson Land Company • Tulalip Tribes • Merrill & Ring • Campbell Global • Washington Friends of Farms & Forests • Port Blakely • Rayonier Advanced Materials Foundation • Nisqually Indian Tribe • Grays Harbor County Marine Resource Committee • Fruit Growers Supply • Our Community Credit Union • Stimson Lumber • Washington State School Directors Association (WSSDA) • Hancock Forest Management • Hancock Agricultural Investment Group • Olympic Resource Management • Squaxin Island Tribe • Pacific Coast Shellfish Growers Association • WestRock • Bloedel Timberlands Development • The Skokomish Tribe

## Individual

Eric and Kirsten Barkman • Robert and Alma Bass • Don Bennett • Wendy Boles • Sally Brownfield • Kevin and Denise Buck • Jessica Caldwell • Jason Callahan • Patty Carter • Alyson Cummings • Tom Davis • Bill Dewey • Mark Doumit • Heather Druffel • Robert and Annette Faris • Pam Farr • Marty and Susan Fortin • Timothy Garchow • Stephanie and Dan Haegele • Brian Hatfield • Tamara Holmlund • Cindi Holmstrom • Doug Hooks • John and Diana Ison • Jessica Josephs • Bill Keim • Gary Kipp • Paul and Gail Kramer • Kathryn Kurtz • Martha Kurtz • Julie Luthy • John Maxwell • Marcie Maxwell • Cindy Mitchell • Bill Monahan • Chad Mullen • Debora Munguia • Mike Nepean • Tina Niels • Leslie Norford • Kenneth Osborn • Lisa Perry • Claudine Reynolds • Aaron and Lauren Rodriguez • Amanda Romero • Kent and Julie Ross • Abby Ruskey • Judy Schurke • Ron Shultz • Ron and Heather Sisson • Douglas and Nancy Skerritt • Bob Sotak • Eleanor Steinhagen • Dennis and Karen Sterner • Suzanne Stockton • Bill Taylor • Cathy Taylor • Karen Terwilliger • Margaret Tudor • Susan Vanderburg • John and Sally Warjone • Gareth Waugh • Susan Young • Cindy Zehnder • Anonymous

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Sierra Pacific Industries

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WSSDA

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**Secretary**

Heather Druffel  
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Management



Marty Fortin  
AWSP Outdoor  
Learning Centers



John Ison  
Green Diamond  
Resource Company



Brian Hatfield  
WA State Dept  
of Commerce



Chris Voigt  
WA State Potato  
Commission



Sally Brownfield  
NW Indian Fisheries  
Commission



Ron Shultz  
WA State Conservation  
Commission



Scott Seaman  
AWSP



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WSU



Bill Monahan  
Rayonier



Tom Davis  
WA Farm Bureau



Mark Doumit  
WFPA



Joel Aune  
WASA



Rhonda Weaver  
Comcast

## You're Invited



### Donate Financially

When you give to PEI, you support teachers in providing their students with learning opportunities that will help them become scientifically literate citizens making balanced decisions for sustainable communities. Ways to give include:

- Making an individual donation
- Donating stock
- Becoming a sponsor

To learn more, contact Lauren Rodriguez, Development Director, at (360) 705-9294 or [lrodriguez@pacifieducationinstitute.org](mailto:lrodriguez@pacifieducationinstitute.org).

### Attend a Workshop

For a current schedule of workshops and events, visit our website: [pacifieducationinstitute.org](http://pacifieducationinstitute.org)

### Collaborate with Us

Community collaborators are a critical part of the FieldSTEM Model. To learn about opportunities to provide Washington students with integrated, locally relevant, career connected learning, contact Denise Buck, Program Director, at (360) 705-9286 or [dbuck@pacifieducationinstitute.org](mailto:dbuck@pacifieducationinstitute.org).