



JULY 2017-2018

ENGINEERING FELLOWS

South Puget Sound

ENGINEERING FELLOWS is an immersive one-week summer experience followed by classroom implementation and monthly Saturday sessions for selected 5th grade teachers, college students, and professional engineers. Participants will work collaboratively in design teams to develop or adapt NGSS-aligned design challenges for integration with local curriculum throughout the coming academic year. Professional learning will be centered on access and equity in engineering education.

WHEN: July 2017 – June 2018

Orientation | 6/29 – 9am-3pm

Summer Design Institute | 7/5-7/8 – 8am-4pm
7/27 – 3-7pm
7/28 – 8am-4pm

Monthly Saturday sessions | 9/2017 – 6/2018

WHERE: University of Washington- Seattle Campus

FOR: Thirty 5th Grade South Puget Sound and Yakima Valley teachers from classrooms with high percentages of students underrepresented in STEM.

HOW TO APPLY: Space is limited. Please use the link below to complete a brief application by April 21, 2017.

<https://catalyst.uw.edu/webq/survey/elane48/326045>

FOR MORE INFORMATION:

Contact Erica Lane at elane48@uw.edu

Engineering Fellows is an innovative, equity-focused program that brings engineering expertise directly into fifth grade classrooms by partnering teachers with professionals and college engineering students.

The program is led collaboratively by Washington MESA and Washington STEM.

Benefits and Opportunities

- Use engineering challenges to meet NGSS requirements
- Collaborate with industry experts to improve teaching and learning of engineering
- Share pedagogical expertise with industry professionals
- Develop engineering content knowledge
- Receive a stipend of \$3,000 for full participation
- Opportunity to earn up to 60 clock hours

