What is the Science Education Partnership?

Welcome!
The Science Education Partnership (SEP) offers professional development for secondary school science teachers in Washington State. SEP is sponsored by the Fred Hutchinson Cancer Research Center.

Our year-long program includes:
- A summer session in which teachers work closely with each other, SEP staff, and scientist mentors for 13 days to gain skills and expertise in molecular biology
- Time & assistance during the session to develop a curriculum project
- Working with a scientist mentor in a research laboratory for 5 days of the session
- Access to our kit loan program during the school year so that students have the opportunity to work with biomedical research concepts and tools in their school classroom

Bring research science to your classroom.

Classroom kits from SEP include:
- Gel Electrophoresis
- Column Chromatography
- Bacterial Transformation
- Molecular Modeling
- DNA Extraction
- Elephant Trunk
- Fly Genetics
- Private Eye*
- PCR

Find out more about SEP curriculum at libguides.fredhutch.org/SEP

Follow SEP:
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Additional support generously provided by the Amgen Foundation, Dean Witter Foundation, Richard C. Goldstein Private Foundation, and ZymoGenetics/Bristol Myers Squibb.
What does the Summer Session include?

**Teaching Lab:**
Work with colleagues, Lead Teachers, and SEP staff to learn molecular biology techniques and concepts. Take part in discussions on various topics including effective teaching methods and challenges.

**Research Labs:**
Work for a week with a mentor scientist on a research project at Fred Hutch or a partner site [UW, MCB Graduate Program, Childrens Hospital Research Institute, and Institute for Systems Biology]. Topics of research range from genetics to cancer biology.

**Open House:**
Develop a curriculum project and present it in a poster session.

What else do I need to know?

**The “Fine Print”**
- Participants receive a stipend of $500 and earn clock hours or graduate credit through the University of Washington.
- Participants commit to attend ALL scheduled events.
- Schools commit one day of release time or equivalent as evidence of support.
- Participants keep lab notebooks, prepare individual curriculum projects, and participate in program evaluation.
- Participants are responsible for any lodging and food expenses, as well as transportation.

How do I find out more?

Applications Available Online January 1, 2017.
You may apply for our 2017–18 cohort if you are a middle or high school science teacher in a public, private school, or home school in Washington. Approximately 25 teachers are accepted each year.

**Contact information:**
- [fredhutch.org/sep](http://fredhutch.org/sep)
- sep@fredhutch.org
- (206) 667–4487

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2017–18 Timeline

- **Application available online** January 1
- **Online application closes** March 6
- **Notification of Acceptance** April 15
- **Opening Day Workshop** May 20
- **Summer Session** July 10–26
- **Kit Signup Day** September 16
- **School year 2017–18** (use SEP kits & resources, optional workshops)
- **Reflection Day** May 5, 2018
- **Use SEP kits & resources, optional workshops**