

Choosing Between our Summer Professional Development Programs for Secondary Science Teachers

The **Science Education Partnership (SEP) Summer Session** professional development program is a 3-week summer program focused on developing teachers' molecular biology skills and pedagogical practices. It also provides access to the SEP Kit Loan Program and ongoing support.

The **Hutch Fellowship for Excellence in STEM Teaching (Hutch Teacher Fellowship / HTF)** is a summer research experience that involves a cancer-focused research experience paired with the design of innovative cancer-focused curriculum materials and scientific communication projects. This program requires 1-2 summers (7-8 weeks each) of participation along with school year follow-up. Also check out our new **HTF+SEP option** that combines these two programs. More info on our website.

Partners in Science 2.0 @ Fred Hutch (PS2@FH) is our newest summer research experience program. It will appeal to teachers who want to immerse themselves in a biomedical research-focused experience, discover the process of science, and develop their identities as scientists. This program includes scientific communication projects but does not require a curriculum design project. This program requires two summers (8 weeks each) of participation and participation at two conferences per year (August and January). The program is funded by the M.J. Murdock Charitable Trust.

For more information on how these professional development programs for science teachers differ, please visit our [website](#).

Comparison of Fred Hutch SciEd Summer Teacher Programs

Program Element	Partners in Science 2.0 (PS2@FH) summer research experience	Hutch Teacher Fellows (HTF) summer research experience	Science Education Partnership (SEP) summer professional development
Eligibility	Local secondary science teachers (middle or high school)	Local* secondary science or STEM teachers (middle or high school)	Secondary science teachers (middle or high school) from across Washington State
Program focus	<p>Biomedical research</p> <p>Developing identities as scientists</p> <p>Participation at two Murdock conferences (August and January)</p>	<p>Cancer research</p> <p>Extensive cancer-focused curriculum development project, including piloting in classrooms, with the goal of publication to the SEP website.</p>	<p>Molecular biology skills</p> <p>Exploration of SEP curriculum and lessons</p> <p>Help broaden teachers' understanding of life science research, enrich their pedagogical practices, and support their growth as teacher-leaders.</p>
Teachers per cohort	Up to 3 teachers	Up to 2 teachers	Varies each year (12-24 teachers)
Length of program	<p>8 weeks annually</p> <p>(2 summers, 40 hrs/week for 8 weeks in research lab + Aug. and Jan. conferences)</p>	<p>12 weeks annually*</p> <p>(2 summers 40 hrs/week for 8 weeks in research lab + school year follow-up)</p> <p>*Option to commit to 1 summer or 7 weeks</p>	<p>3 week Summer Session</p> <p>(Includes 5 days of mentored research)</p> <p>Fall Kick-off Day in September and Reflection Day in May</p>
Participant payment	<p>Up to \$13,000 total</p> <p>(\$6,500 annually at completion of summer activities)</p> <p>Additional funding is provided to support travel to 2 conferences annually</p>	<p>Up to \$20,000 total</p> <p>(Up to \$8,000 annually at completion of summer activities; \$2,000 annually at completion of school year activities). Award will be pro-rated for reduced participation</p>	<p>Up to \$2,000 total</p> <p>Hutch Access Award provides additional scholarships up to \$3,000 or housing support of equivalent value with funds to support travel. Apply on the SEP website</p>

Program Element	Partners in Science 2.0 (PS2@FH) summer research experience	Hutch Teacher Fellows (HTF) summer research experience	Science Education Partnership (SEP) summer professional development
Clock hours	Up to 100 WA STEM clock hours available for Washington teachers, upon approval	Up to 100 WA STEM clock hours available for Washington teachers, upon approval	50-100 WA STEM clock hours or 5 hours of graduate level credit available for purchase
Curriculum design	N/A	Teachers design, pilot, revise, and publish cancer-focused curriculum materials	Teachers develop a small-scale curriculum project for their own classroom
Program Manager	Kristen Bergsman bergsman@fredhutch.org	Kristen Bergsman bergsman@fredhutch.org	Regina Wu rwu@fredhutch.org

*Remote participation *may* be available for the Hutch Teacher Fellowship, depending on teacher's circumstances and available host labs/mentors. In-person participation is preferred.