



Fred Hutch Cancer Center

Partners in Science 2.0 @ Fred Hutch

Summer Research Experiences for Science Teachers

Priority Deadline for Application: March 16th, 2025, 11:59 pm PST

Priority Deadline for Recommendation: March 30th, 2025, 11:59 pm PST

Partners in Science 2.0 @ Fred Hutch (PS2@FH) is a paid two-summer program for secondary science educators seeking an in-depth, biomedical research experience at Fred Hutchinson Cancer Center. PS2@FH supports the professional growth of secondary science teachers and allows them to share insights about biomedical and cancer research with their students. At the same time, Partner teachers contribute to the scientific efforts within Fred Hutch research labs. Our South Lake Union campus is within commuting distance to many local school districts in the greater Puget Sound area.

We recommend that you visit the Partners in Science 2.0 @ Fred Hutch program website before applying to develop an understanding of the program. Before you apply, we also recommend that you review the application PDF on our website with a summary of the application questions. Please note that the PDF is a preview to be used for reference only. Please DO NOT fill out the preview and submit it in place of the online application. If you encounter questions or problems with the application, contact us at sep@fredhutch.org.

Teachers who have completed the SEP summer professional development program are particularly encouraged to apply, although this is not a requirement. For more information on the PS2@FH and how it differs from our other professional development programs for science teachers, please visit our website.

PS2@FH applicants must be:

- A middle or high school science teacher (Grades 6-12)
- Currently employed and teaching science courses

- Achieved a Baccalaureate degree in a scientific discipline (undergraduate major)
- Interested in learning more about biomedical research and related careers
- Available for the entire duration of the program, including two consecutive summers of full-time participation
- Available to travel to two conferences annually (August and January); financial support for conference travel is provided

In addition, please note that a social security number (SSN) or tax identification number (TIN) is required on intake forms.

Directions for Applying to the PS2@FH Program

1. Before you apply, we recommend that you review the application PDF which has a summary of the application questions. Please note that the PDF is for reference only.
1. Complete the online application. As part of the application, you will need to upload your resume and provide contact information for a person who will provide a recommendation on your behalf.
2. At the end of the application, it will ask you to review your answers. At the bottom of the review page, you must click "**Submit Application**" for your application to be submitted.
3. After submitting the application, an automatic email will be sent to your listed principal/school representative with a link to a Principal Commitment of Support form. Please let this person know to expect an email from us within 24 hours with a link to the form to complete. Ask them to check their spam and junk boxes if they do not receive the email. Please note that the recommendation form is only sent *after* you submit your application.
4. Once your application is submitted, you will receive a confirmation email within 24 hours. Please check your spam and junk boxes if you do not receive the email.
5. To be considered for the program, you must complete the online application and have the Principal Commitment of Support form completed by the person you identified by the deadlines published above. If you have concerns about meeting these deadlines, please reach out to the PS2@FH Program Manager, Kristen Bergsman by emailing bergsman@fredhutch.org.
6. If you encounter questions or problems with the online application, contact us at sep@fredhutch.org.
7. We anticipate that notifications of acceptance will be sent out by May 2025.

Personal Contact Information

First Name *

Last Name *

Nickname or preferred name

What pronouns do you use? (Optional)

Personal Email *

This is the email we will use for correspondences about your application.

Home Address *

Street Address

Street Address Line 2

City *

State *

Zip Code (5 digits only) *

Ex. 99510

Home Phone Number

Date of Birth



Date

School Contact Information

School Name *

School Address *

Street Address

Street Address Line 2

City *

State *

Zip Code (5 digits only) *

Ex. 99510

School Email *

School Phone Number

Extension

Which email do you want us to use to primarily contact you? *

- Personal email
- Work/school email
- Either works

Preview Only

Emergency Contact Information

First Name

Last Name

Address (only if different from yours)

Street Address

Street Address Line 2

City

State

Please Select



Zip Code (5 digits only)

Ex. 99510

Emergency Contact Email

example@example.com

Emergency Contact Phone Number

Relationship to you

How did you hear about this opportunity? Check all that apply.

- Fred Hutchinson Cancer Center Website
- Fred Hutchinson Cancer Center Social Media
- MJ Murdock Charitable Trust Website
- Local Educational Service District
- Administrator or Science Specialist
- Fellow Teacher/Colleague
- SEP Electronic Newsletter
- SEP Events (ex: Fall Kick Off)
- Other

This program is supported through generous funding from the M.J. Murdock Charitable Trust. Please know that the information obtained will be kept confidential. When reported, data will not identify any specific individual.

Do you work at a private/independent school, parochial school, or public school? *

- Private or Independent
- Parochial
- Public
- Other

What grade level do you currently teach? *

- Middle School
- High School
- Other

Which of these courses do you currently teach? (Select all that apply) *

- AP Biology
- IB Biology
- General Biology or Life Science
- Honors Biology
- Biotech
- Forensics
- Other

Estimate the OVERALL percentage of your students who qualify as an underrepresented minority in STEM as defined by the NSF (Hispanic or Latinx, African American/Black, American Indian or Alaskan Native)? *

- | | |
|--|-------------------------------|
| <input type="radio"/> 0-10% | <input type="radio"/> 10-20% |
| <input type="radio"/> 20-30% | <input type="radio"/> 30-40% |
| <input type="radio"/> 40-50% | <input type="radio"/> 50-60% |
| <input type="radio"/> 60-70% | <input type="radio"/> 70-80% |
| <input type="radio"/> 80-90% | <input type="radio"/> 90-100% |
| <input type="radio"/> Not sure/Don't know (please explain below) | |

Skills Inventory. Please indicate your familiarity and skill level in the following areas. Don't worry if you are not familiar with these items - it's a long list! *

	No experience	Limited Experience (Can handle simple tasks with guidance)	Some Experience (Have done projects with supervision)	Moderate Experience (Regularly work in this skills area / comfortable with most tasks)	Strong Experience (Can independently handle tasks and/or have been a teacher/coach)
3-D printing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using bioinformatics tools such as BLAST	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using protein modeling/structure tools	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working with model organisms (bacteria, yeast, flies, worms, zebrafish)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Using molecular biology tools such as micropipettes, gel electrophoresis equipment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Making dilutions and solutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using sterile technique (microbiology)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyzing data with spreadsheets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Programming/writing code (please describe below)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creating databases	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Entering/extracting database records using a graphical interface (such as Access or Filemaker)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Entering/extracting database records using SQL	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Doing clinical work (animals or human, please describe below)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cell culture	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conducting ELISA, PCR, and/or flow cytometry laboratory techniques	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Conducting Statistical analysis of data	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If applicable, describe computer programming or clinical research experience.

Why are you interested in the Partners in Science 2.0 at Fred Hutch Program? *

0/500

Please describe any previous experiences or interests that make you a particularly good candidate for a biomedical research partnership. *

0/500

Please describe the lab/research skills, experience, and opportunities you hope to gain through this program and how they will benefit you as a teacher and as a scientist *

Type here...

0/500

How do you anticipate the Partners in Science 2.0 at Fred Hutch will benefit you, your courses, and your students? *

0/500

Have you previously gone through the Science Education Partnership (SEP) summer professional development program? *

- Yes
- No
- Other

Optional: Anything else you'd like us to know about you?

0/250

Teacher Demographic Information

Gender: *

- Male
- Female
- Non-binary
- Not listed
- Prefer not to answer

Ethnicity: *

- Hispanic or Latinx
- Not Hispanic or Latinx
- Prefer not to answer

Please select the category or categories that you identify with. Check all that apply. Note that selecting a broader category may reveal more specific options. *

- American Indian/Alaskan Native or Indigenous People of North America
- Asian
- Black/African
- Native Hawaiian/Pacific Islander
- White
- Prefer not to answer

How do you identify your race, ethnicity, and/or geographic heritage? (Optional)

The criteria for disadvantaged are detailed in Section C of an [online NIH document](#).

Were you ever homeless/houseless? * Yes No Don't know Prefer not to answer

Were you ever in the foster care system? * Yes No Don't know Prefer not to answer

Were you ever eligible for the Federal Free and Reduced Lunch Program for two or more years? * Yes No Don't know Prefer not to answer

To determine if you are Pell Grant Eligible, please [visit this website](#).

Were you ever eligible for Federal Pell grants? * Yes No Don't know Prefer not to answer

Have you ever received support from the Special Supplemental Nutrition Program for Yes No Don't know Prefer not to answer

Women, Infants, and Children (WIC), also known as food stamps or EBT? *

Do you identify as being part of a group historically underrepresented in biomedical research? *

Yes No Don't know Prefer not to answer

What is the highest degree any one of your parents/guardians has earned? *

- No high school diploma
- High school diploma or equivalent
- Associate's degree (AA or AS) or vocational degree
- Bachelor's degree (BA or BS)
- Master's or doctoral level degree (MS, MA, MPH, PhD, MD, JD, DDS, etc)
- I'm not sure, but I know at least one of my parents went to college of some kind
- I don't know
- Prefer not to answer

You can use [these guidelines](#) to determine who "parents/guardian" refers to.

Voluntary Self-Identification of Veteran Status

Voluntary Self-Identification of Veteran Status

Fred Hutch is a government contractor subject to the Vietnam Era Veterans' Readjustment Assistance Act of 1974, as amended by the Job for Veterans Act 2002, 38 U.S.C. 4212 (VEVRAA), which requires government contractors to take affirmative action to employ and advance in employment of (1) disabled veterans; (2) recently separated veterans; (3) active duty wartime or campaign badge veterans; and (4) Armed Forces service medal veterans. These classifications are defined as follows:

- **Disabled Veteran** includes any veteran of the U.S. military, ground, naval or air service who: (a) is entitled to compensation, or who but for the receipt of military retired pay would be entitled to compensation under laws administered by the Secretary of Veteran Affairs, or (b) was discharged or released from active duty because of service-connected disability.
- **Recently Separated Veteran** includes any veteran during the three-year period beginning on the date of such veteran's discharge or release from active duty in the U.S. military, ground, naval or air service.
- **Active Duty Wartime or Campaign Badge Veteran** includes any veteran who served on active duty in the U.S. military, ground, naval or air service in a war, campaign or expedition in which a campaign badge has been authorized under the laws administered by the Department of Defense.

- **Armed Forces Service Medal Veteran** includes any veteran who, while serving on active duty in the U.S. military, ground, naval or air service, participated in a United State military operation for which an Armed Forces service medal was awarded pursuant to Executive Order 12985.

As a Government contractor subject to VEVRAA, we are required to submit a report to the United States Department of Labor each year identifying the number of our applicants belonging to these categories. We request this information in order to measure the effectiveness of our outreach and positive recruitment efforts we undertake pursuant to VEVRAA.

Protected veterans may have additional rights under USERRA - the Uniformed Services Employment and Reemployment Rights Act. In particular, if you were absent from employment in order to perform service in the uniformed service, you may be entitled to be reemployed by your employer in the position you would have obtained with reasonable certainty if not for the absence due to service. For more information, call the U.S. Department of Labor's Veterans Employment and Training Service (VETS) toll-free, at 1-866-4-USA-DOL.

Please indicate your selection below: *

- I am a protected veteran.
- I am a veteran, but not a protected veteran.
- I am not a veteran.
- Prefer not to answer

PUBLIC BURDEN STATEMENT: According to the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless such collection displays a valid OMB control number. This survey should take about 5 minutes to complete.

Voluntary Self-Identification of Disability

Voluntary Self-Identification of Disability

Why are you being asked to complete this form?

We are a federal contractor or subcontractor required by law to provide equal employment opportunity to qualified people with disabilities. We are also required to measure our progress toward having at least 7% of our workforce be individuals with disabilities. To do this, we must ask applicants and employees if they have a disability or have ever had a disability. Because a person may become disabled at any time, we ask all of our employees to update their information at least every five years.

Identifying yourself as an individual with a disability is voluntary, and we hope that you will choose to do so. Your answer will be maintained confidentially and not be seen by selecting officials or anyone else involved in making personnel decisions. Completing the form will not negatively impact you in any way, regardless of whether you have self-identified in the past. For more information about this form or the equal employment obligations of federal contractors under Section 503 of the Rehabilitation Act, visit the U.S. Department of Labor's Office of Federal Contract Compliance Programs (OFCCP) website at www.dol.gov/ofccp.

How do you know if you have a disability?

You are considered to have a disability if you have a physical or mental impairment or medical condition that substantially limits a major life activity, or if you have a history or records of such impairment or medical condition. Disabilities include, but are not limited to:

- Alcohol or other substance use disorder (not currently using drugs illegally)
- Autoimmune disorder, for example, lupus, fibromyalgia, rheumatoid arthritis, HIV/AIDS
- Blind or low vision
- Cancer (past or present)
- Cardiovascular or heart disease
- Celiac disease
- Cerebral palsy
- Deaf or serious difficulty hearing
- Diabetes
- Disfigurement, for example, disfigurement caused by burns, wounds, accidents, or congenital disorders
- Epilepsy or other seizure disorder
- Gastrointestinal disorders, for example, Crohn's Disease, irritable bowel syndrome
- Intellectual or developmental disability
- Mental health conditions, for example, depression, bipolar disorder, anxiety disorder, schizophrenia, PTSD
- Missing limbs or partially missing limbs
- Mobility impairment, benefiting from the use of a wheelchair, scooter, walker, leg brace(s) and/or other supports
- Nervous system example, migraine headache, multiple sclerosis
- Neurodivergence example, attention-deficit/hyperactivity disorder (ADHD), autism spectrum disorder, dyslexia, dyspraxia, dyscalculia
- Partial or complete hearing loss (cause)
- Pulmonary or respiratory condition, for example, tuberculosis, emphysema
- Short stature (dwarfism)
- Traumatic brain injury

Please check one of the boxes below: *

- Yes, I Have A Disability, Or Have A History/Record Of Having A Disability

- No, I Don't Have A Disability, Or Have A History/Record Of Having A Disability
- Prefer not to answer

Resume Upload (PDF only)

Please upload a PDF of your resume.

Make sure that your resume contains the following information.

- Education experience
- Teaching experience with grade level(s) and subject(s)
- Current school with grade level(s) and subject(s)
- Professional development, continuing education, and inservice programs completed within the last five years

Attach Resume Here *

Browse Files

PDF only, max 2MB

Recommendation

Name of person who will give you a recommendation. The recommendation should be provided by a principal (preferred), department head, or someone in a similar supervisory role who can speak to your interests and abilities as well as your interactions with students. Please contact them to ask permission prior to including them in your application. We will contact the named person by email with a request to complete a Principal Commitment and Support Form.

First Name *

Last Name *

Email of person providing recommendation. Please type carefully. *

Confirm Email

example@example.com

Please indicate your commitment to participate in the entire program if selected. *

- I understand that this program requires in-person attendance and full-time participation for two consecutive summers at Fred Hutch's South Lake Union campus. I also understand that there are additional follow-up dates/times during the school year that are required for the program, including participation at a required conference in January of each year. If I am accepted, I commit to attending the entire program and participating fully. I understand that the program involves intensive lab-based research, attendance at lab meetings, PS2@FH program meetings, and PS2@FH journal club meetings, completion of scientific communication projects, and participation in two conferences each year in August and January (financial support is available for conference travel). I understand that at the successful completion of two summers of research and at the discretion of the program manager, Partner teachers are eligible to apply for a supplemental classroom supply grant. I understand that the program requires a \$100 deposit to hold my place, which is refundable upon completion of the program. I understand that if I am accepted into the program but unable to meet the attendance/participation requirements, my participant payments may be prorated accordingly. I also understand that cancellations after June 1, 2025 will result in forfeiture of the deposit

Review and Submit

Review your answers on the next page. **Answers are not submitted until you click "Submit Application" on the next page.** Please press "Submit Application" only once. There will be a delay while your materials are uploaded.

If your submission is successful, you will receive an email confirmation to your school email address. If you do not receive the email confirmation within 24 hours, check your spam or junk mail folder. If it's not there, or you have any other problems with this form, please contact sep@fredhutch.org.

Preview Answers