

Hutch Fellowship for Excellence in STEM Teaching

Closes: Applications close March 17, 2023 11:59pm PST

Recommendations due March 31, 2023, 11:59pm PST

The Hutch Fellowship for Excellence in STEM Teaching is a two-summer program for science educators seeking an in-depth, biomedical research experience at Fred Hutch. The fellowship provides support for two paid summers of research experience in a host lab, with additional school year follow-up. While this program is designed for secondary life science teachers, it is open to other STEM teachers as well. Teachers who have completed the [SEP summer professional development](#) are particularly encouraged to apply. We recommend that you visit the [Hutch Teacher Fellowship Blog](#) before applying to develop an understanding of the program.

Before you apply, we recommend that you review the PDF with a summary of the application questions. For more information on the program please visit [our website](#).

Fellowship applicants must be:

- A middle or high school science teacher
- Currently employed and teaching science
- Interested in learning more about cancer research and related careers
- Willing to collaborate to develop cancer-related curriculum in conjunction with Fred Hutch scientists/education staff and other fellowship teachers
- Committed to piloting lessons with students and developing lesson revisions
- Available for the entire duration of the program

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

Directions for Applying Online

To finish your application, you will need to upload a pdf of your current resume.

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.

After finishing the application, an automatic email will be sent to your listed **principal/school representative** with a link to a Principal Commitment of Support Form. Your principal/school representative must submit this form by **March 31, 2023, 11:59 pm PST**. If you have concerns about meeting these deadlines, please reach out to us at sep@fredhutch.org.

Once your application is submitted, you will receive a confirmation email within 24 hours. Please make sure to check your spam and junk inboxes. Notifications of acceptance will be sent out in April 2023.

Personal Contact Information

First Name *

Last Name *

Nickname or preferred name

Personal Email *

example@example.com

Home Address *

Street Address

Street Address Line 2

City *

PREVIEW

State *

Zip Code *

Home Phone Number

Area Code

Phone Number

School Contact Information

School Name

School Address

Street Address

Street Address Line 2

City

State

Zip Code

School Email *

PREVIEW

School Phone Number

Area Code

Phone Number

Extension

Emergency Contact Information

First Name

Last Name

Address (only if different from yours)

Street Address

Street Address Line 2

City

State

Zip Code

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Emergency Contact Email

example@example.com

Emergency Contact Phone Number

Area Code

Phone Number

Relationship to you

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

- Fred Hutchinson Cancer Center Website
- Administrator or Science Specialist
- Fellow Teacher/Colleague
- SEP electronic newsletter

This program is supported through funding from the National Cancer Institute (NCI) at the National Institutes of Health (NIH). The Youth Enjoy Science (YES) program (PAR-17-059) specifically seeks to "facilitate the education of students from diverse backgrounds underrepresented in biomedical research who will become knowledgeable about cancer, and available to focus on cancer later in their careers," which includes providing research experiences for teachers who serve underrepresented student populations. 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

What grade level do you currently teach? *

- Middle School
- High School

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

- AP Biology
- IB Biology
- General Bio or Life Science
- Honors Bio
- Biotech

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

- 0-10%
- 20-30%
- 40-50%
- 60-70%
- 80-90%
- Not sure/Don't know (please explain below)
- 10-20%
- 30-40%
- 50-60%
- 70-80%
- 90-100%

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
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3-D printing

Using bioinformatics tools
such as BLAST

Using protein
modeling/structure tools

Working with model organisms (bacteria, yeast, flies, worms, zebrafish)

Using molecular biology tools such as micropipets, gel electrophoresis equipment

Making dilutions and solutions

Using sterile technique (microbiology)

Analyzing data with spreadsheets

Programming/writing code (please describe below)

Creating databases

Entering/extracting database records using a graphical interface (such as Access or Filemaker)

Entering/extracting database records using SQL

Doing clinical work (animals or human, please describe below)

PREVIEW

If applicable, describe computer programming or clinical research experience.

Why are you interested in the Hutch Teacher Fellows Program? *

0/500

Pick 2-3 labs at Fred Hutch that you are most interested in and tell us why you are interested in them. We cannot guarantee placement in these labs, but this will help us understand your interests. *

0/500

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

0/500

How do you anticipate the Hutch Teacher Fellows Program will benefit you and your students? *

0/500

Would you be interested in working in a computational biology lab (conducting primarily computer-based research)? *

Yes

No

Maybe, it would depend on the work the lab is doing

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

0/250

Teacher Demographic Information

Gender:

Female

Male

Non-binary

Prefer not to answer

Prefer something else

How do you self-identify your gender? (Optional)

Please indicate your selection below:

I am a
veteran

I am not a veteran
I decline 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.

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

American Indian/Alaskan Native or Indigenous People of North America. Please select all that apply.

Alaskan Native	Chehalis	Colville
Cowlitz	Hoh	Jamestown
Kalispel	Lower Elwha	Lummi
Makah	Muckleshoot	Nisqually
Nooksack	Port Gamble Clallam	Puyallup
Quileute	Quinault	Samish
Sauk-Suiattle	Shoalwater	Skokomish
Snoqualmie	Spokane	Squaxin Island
Stillaguamish	Suquamish	Swinomish
Tulalip	Upper Skagit	Yakama
Other American Indian	Other Washington Indian	Prefer not to answer

Asian. Please select all that apply.

Asian Indian	Cambodian	Chinese
Filipino	Hmong	Indonesian
Japanese	Korean	Laotian
Malaysian	Pakistani	Singaporean
Taiwanese	Thai	Vietnamese
Other Asian	Prefer not to answer	

Black/African. Please select all that apply.

African/White	Caribbean	Eritrean
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Ethiopian
Ivorian
Somalian

Gambian
Nigerian
Other African

Ghanaian
Senegalese
Prefer not to answer

Black American (multiple generations in America with African heritage)

Native Hawaiian/Pacific Islander. Please select all that apply.

Fijian
Melanesian
Samoan
Other Pacific Islander

Guamanian/Chamorro
Micronesian
Tongan

Mariana Islander
Native Hawaiian
Prefer not to answer

White. Please select all that apply.

European
Other White

Middle Eastern
Prefer not to answer

North African

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

Recommendation

Name of person who will give you a recommendation. The recommendation should be provided by a principal, department head, or someone in a similar 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.

First Name *

Last Name *

Email of person providing recommendation. Please type carefully. *

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

I understand that this program requires attendance and full participation for two summers. I also understand that there are additional follow-up dates/times during the school year that are required for the program. If I am accepted, I commit to attending the entire program. 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 pro-rated accordingly. I also understand that cancellations after June 1, 2022 will result in forfeiture of the deposit. I also understand that the program involves research, curriculum design and piloting, and scientific communication activities.

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.

What pronouns do you use? (Optional)

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:

- Autism
- Autoimmune disorder, for example, lupus, fibromyalgia, rheumatoid arthritis, or HIV/AIDS
- Blind or low vision
- Cancer
- Cardiovascular or heart disease
- Celiac disease
- Cerebral Palsy
- Deaf or hard of hearing
- Depression or anxiety
- Diabetes
- Epilepsy
- Gastrointestinal, for example, Crohn's disease, or irritable bowel syndrome
- Intellectual disability
- Missing limbs or partially missing limbs
- Nervous system condition for example, migraine headaches, Parkinson's disease, or Multiple sclerosis (MS)
- Psychiatric condition, for example, bipolar disorder, schizophrenia, PTSD, or major depression

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 A History/Record Of Having A Disability

I Don't Wish 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.

Please describe your prior experience designing curriculum materials and/or piloting curriculum materials in your classroom. *

0/500

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

Yes

No

Other

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