



# FRED HUTCH

## Office of Education & Training

Quarterly Newsletter



### Spring 2021

The Fred Hutch Office of Education & Training quarterly newsletter brings you highlights, resources and updates from the educational initiatives at Fred Hutch.

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The Fred Hutch Office of Education & Training (OET) houses programs committed to training the next generation of scientists. The OET programs span the biomedical disciplines and research interests pursued at Fred Hutch — from basic, human biological, clinical, and public health sciences research to a range of cancers and infectious diseases — with a commitment to increasing access and creating pathways for those trainees historically excluded. The activities and training opportunities include:

- Office of Science Education and Training (SciEd) - [internships](#) and programs for science [teachers](#), [high school students](#) and [undergraduates](#)
- [Office of Graduate Education](#) (OGE) - graduate student administration and professional development
- [Office of Scientific Career Development](#) (OSCD) - graduate student and postdoctoral fellow professional development
- [Faculty Development Program](#) - faculty training, mentoring and leadership development

For more information on programming available at each level please visit [our website](#).

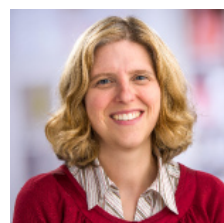
## SciEd Mentoring Outreach Award

The **2021 SciEd Outreach** and Mentoring Award recognizes the exceptional voluntary efforts of graduate students, postdoctoral researchers, and staff scientists who go above and beyond their formal job duties. Their personal commitment to teach and mentor in are the foundations on which the SciEd (science education) programs function. The awardees actively encourage inclusiveness and provide equal access to education resources. Many students have said that their life was changed forever by the time spent in our SciEd programs at the Hutch. Awardees have been invited to participate in a **video call with Tom Lynch** and the program directors to personally thank them for their exceptional service.

**Christine Cucinotta**, PhD and Postdoctoral Researcher in the Tsukiyama Lab. Christine is currently mentoring two students in the Pathways Research Explorers Virtual Internship, an academic-year program. She has also led several workshops and seminars for students in the Pathways Research Explorers and Pathways Undergraduate Researchers summer programs and has been an enthusiastic mentor to many of these students!



**Laura Panattoni**, PhD and Senior Staff Scientist in the Hutchinson Institute for Cancer Outcomes Research (HICOR). Laura has contributed to several SURP professional development events, and in 2020, mentored a graduate intern from New Mexico State University. Undeterred by the shutdown of on-campus operations in March 2020, she went above and beyond to provide a transformative remote internship experience to the student.



**Brian Hayes**, PhD and Staff Scientist in the Torok-Storb Lab. Brian has mentored many high school and undergraduate

interns over the last 5+ years. He is a steady calm influence who encourages his mentees to reach higher and take risks.



Interested in getting involved in our outreach and internship programs, please email Liza Ray ([eray@fredhutch.org](mailto:eray@fredhutch.org)).

## Fred Hutch Partners with NIH on *Becoming a Resilient Scientist* Series for Trainees

The COVID-19 pandemic impacted graduate students and postdoctoral fellows during an already demanding training period. To provide opportunities for trainees to build resiliency and learn skills to navigate challenges that arise in science and life, Fred Hutch joined programmatic leaders from 54 institutions led by the Director of the NIH Office of Intramural Training & Education to lead a series focused on resilience and wellness. A group of 17 Fred Hutch graduate students and postdoctoral fellows piloted the [Becoming a Resilient Scientist Series](#). **The goal is to build a community where trainees can learn from each other about how to navigate work and life challenges.**

The series includes webinars, workbooks and small group discussions focusing on 6 resiliencies and building on each other throughout the series: 1-Resilience and Wellness, 2-Self-Talk, 3-Emotional Intelligence, 4-Self-Advocacy and Assertiveness, 5-Feedback Resilience, 6-Mentoring Up. Small group discussions with graduate students and postdocs are facilitated by **Amber Ismael** in the Office of Scientific Career Development, and **Andrea Brocato** in the Office of Graduate Education, who have received training from NIH counselors as part of the program. In addition, **Dave Vannier** and **Marilyn Drennan** have facilitated the series with Summer Undergraduate Research Program (SURP) alumni.

## Association for Women in Science (AWIS): Award Winning Professional Development Education

The Seattle area chapter of the [Association for Women in Science](#) (AWIS) is honoring Dr. Karen Peterson, Director, Office of Scientific Career Development & Scientific Ombud, for her achievements and excellence in professional development education. Please join us in celebrating (virtually) [Karen's award nomination!](#)

Date and time: June 16 (6:00 - 7:30 PM)  
[Register](#) by June 15



## Student Spotlight: Maggie Russell

*Flowing Through the Fred Hutch Education Pipeline: from undergrad intern to MCB graduate student*



**Why did you choose MCB?** My SURP mentor, Rebecca Resnick, was in the MCB Program. Even though I had the summer to explore during SURP, I didn't know which specialization I wanted in my PhD program. I loved Math and Biology and was torn, and wasn't aware that I could combine them. **With MCB being an interdisciplinary program, I had the opportunity to keep exploring during grad school.** When I started, I met computational biology folks who wanted to teach me. Nowadays, I do code and dry lab computational work, and it's perfect.

## Q&A with Maggie

[Molecular & Cellular Biology](#) (MCB) Graduate Student- Matsen Group  
[Summer Undergraduate Internship Program](#) (SURP) intern- Tapscott Lab, 2017

Hometown: Bozeman, MT  
Undergraduate Institution: Montana State University, Bozeman, MT

**Why did you choose to come to Fred Hutch for SURP?** I went to Montana State for my undergrad and was lucky to have wet lab experience there. I knew I wanted to keep doing research, but there were limited options to explore, so my advisor Frances Lefcort suggested the Hutch.

**What did you gain from your SURP experiences?** It opened my eyes to how many options there are for research in biology and beyond. It also **cemented my desire to continue research and a PhD** versus going to medical school.

**What are you doing to stay mentally healthy during COVID times?** This is a constant battle. Because I do computational work, I can work from anywhere with my computer. I change my scenery and routine – and get outside. I'm intentional about taking walks and bike rides – and not staring at the screen all the time by myself.

**If you could be anything besides being a scientist, what would you be?** A high school or college math teacher.

**What are your future plans?** I want to be a teaching professor and do research at a university, preferably at a smaller school with lots of undergrads and cool computation biology research – in Montana (or at least in the West).

**Fun fact** Crocs are my favorite all-weather shoe!

## Hutch@Home: Reaching Teachers and Students Virtually

The [Science Education Partnership Frontiers in Cancer Research](#) program launched the virtual Hutch@Home series. During these virtual talks and lab tours students, teachers, and community members learn about the people and research at Fred Hutch. Participants directly interact with scientists in live Q&A sessions.

- Started in May 2020
- 28 total virtual sessions to date
- Attended or viewed by 1,200 students, teachers, and community members
- Sessions are announced and archived on the Science Education Partnerships [events page](#) and [YouTube channel](#).

Fred Hutch staff are welcome to attend these events.

Want to get involved? Contact Jeanne Chowning ([chowning@fredhutch.org](mailto:chowning@fredhutch.org)) or Regina Wu ([rwu@fredhutch.org](mailto:rwu@fredhutch.org)).



## Events & Programs

Recent and Upcoming Events:

- April 19 - Graduate School Information Session for Fred Hutch Techs
- April 28 - Becoming a Resilient Scientist Series: *Developing Feedback Resilience*
- May 19 - Becoming a Resilient Scientist Series: *Mentoring Up*
- June 16 - [Seattle AWIS Virtual Banquet Celebration of Award](#)

SciEd Program Dates:

- June 14 - August 13: [Cancer Research Internship for Graduate Students](#)
- June 14 - August 13: [Summer Undergraduate Research Program](#)

- June 23 - August 20: [Pathways Undergraduate Researchers](#)
- June 24 - August 20: [Summer High School Internship Program](#)
- July 12 - August 6: [Science Education Partnership](#)
- August 2-13; August 16-27: [Pathways Explorers](#)

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