



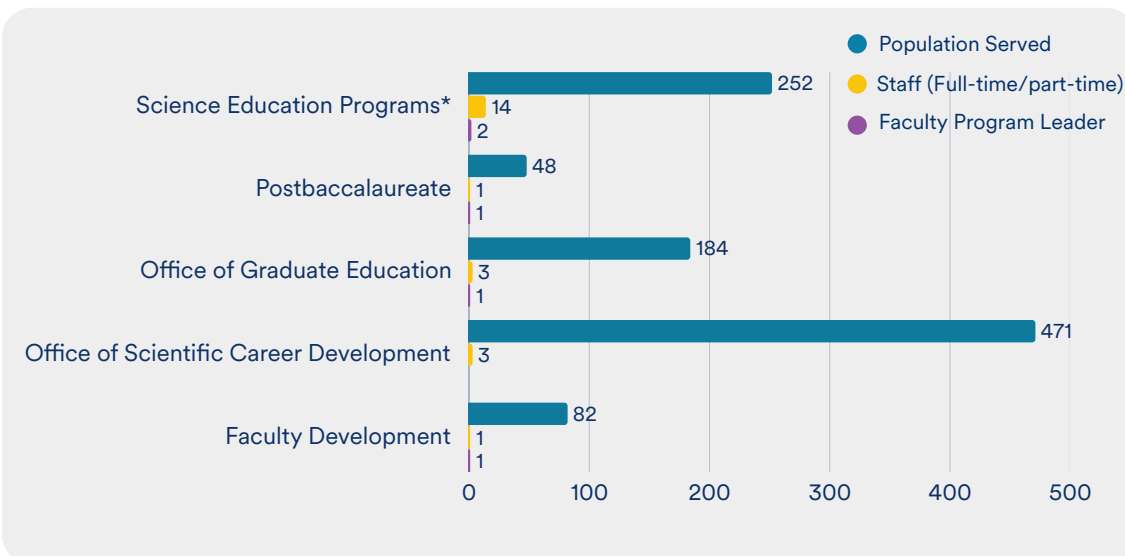
Our Why

We inspire and equip students, fellows, educators, staff scientists, and faculty with the skills, mentorship, and professional development needed for impactful careers at the forefront of scientific research and cancer treatment, through hands-on training and innovative programming across the educational continuum.

Who We Serve

We supported 800 participants, grads, fellows, and faculty thanks to 27 staff, 6 faculty program leaders, and 244 mentors/volunteers who made our work possible!

*SciEd Outreach reached **666 individuals** through on-site visits and **9,959 students** through our kit loan program



Above: (left) Cammy Umdor-Singh, left, and Maria Garcia Sandoval, right, in the McGuire Lab as part of the Science Education Partnership (SEP) 3-week summer teacher program. (right) Hassan Abdulrazek, Left, works with Mentor Ashley Person in the Cohn Lab as Part of the PS2@FH teacher program.

Bottom (left) Molecular and Cellular Biology graduates at UW Interdisciplinary Biomedical PhD hooding ceremony. (right) Priscilla Hagan presents work identifying barriers to cord blood donors during the Summer Undergraduate Research Program's poster session.



Elainea Kesler-Horan Works in the Salama Lab as part of the Hutch Teacher Fellows Program.



Ray Guzman, Right, Works under the Guidance of Dr. Neel Dey as Part of the PS2@FH Program.

OET Programs and Resources

We provide training across the full educational continuum, supporting career pathways and professional development at every stage. For details on programs at each level, please visit our website.

Scan QR Code
or [Visit Link](#)



OET Offices:

- Science Education (SciEd)
- Postbaccalaureate Scholars Program (Postbac)
- Office of Graduate Education (OGE)
- Office of Scientific Career Development (OSCD)
- Faculty Development

Supporting components of OET:

- Cancer Research Training and Education Coordination (CRTEC)
- Collaboration with University of Washington

Educators

Partners in Science 2.0

Hutch Fellowship

Science Education Partnership

High School

Coding for Cancer

Summer High School Internship Program

Pathways Research Explorers

Explorers Virtual Internship

Girls Who Code

Native STEAM Camp

Hutch Advance Career Programs

HutchCAN

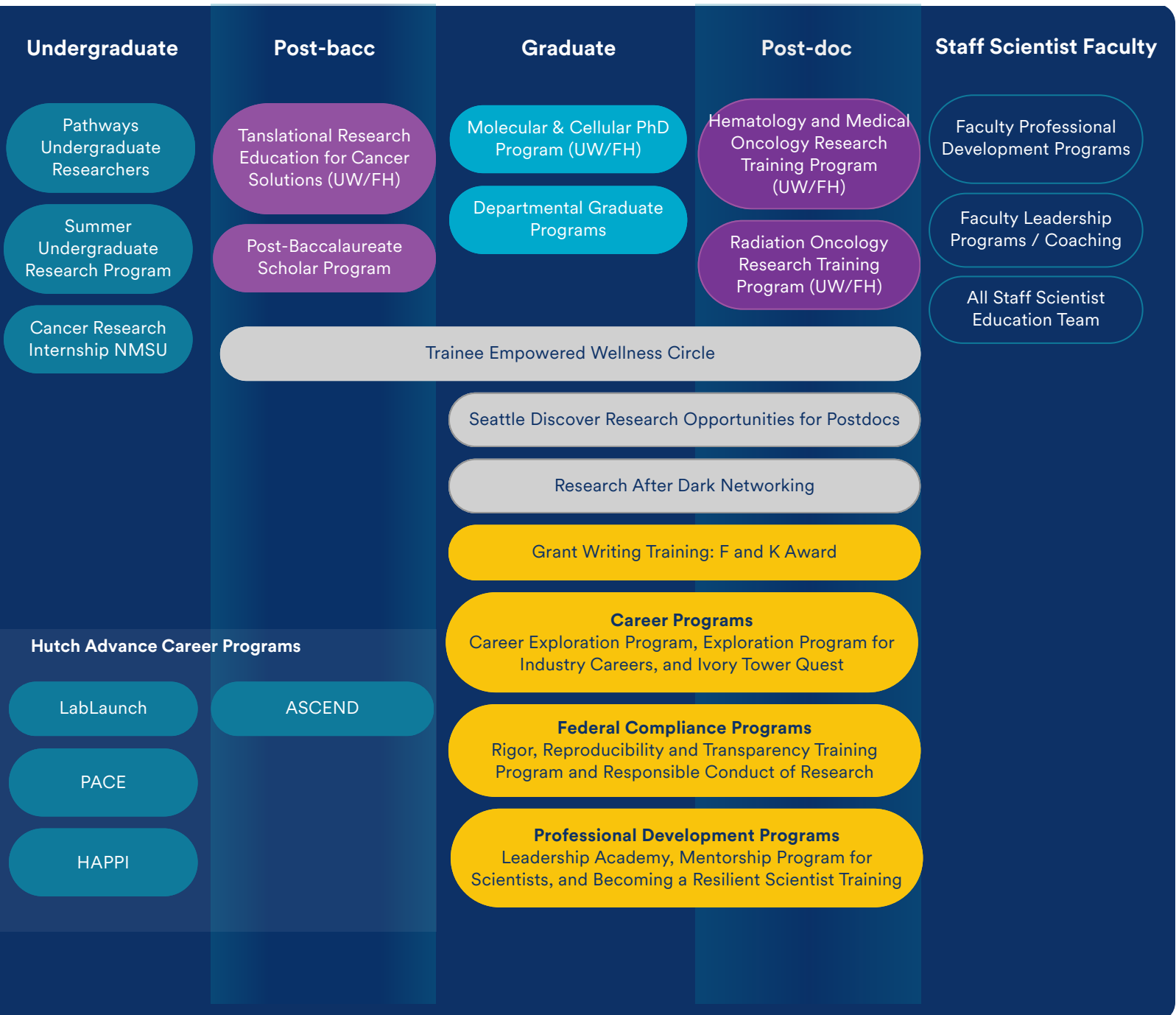
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Jimena Perez-Tetuan presents work conducted in the Alvarez Lab during the Summer Undergraduate Research Program's poster session



Flow Cytometry Specialist Erik Huynh teaches PACE Interns in the Flow Cytometry lab.





Top: (left) Fred Hutch Director Tom Lynch welcomes staff from Senator Patty Murray's office for the Learning Lab Opening. (right) The new Learning Lab.

Middle Row: (left) 2025 Native STEAM Camp participants extracting DNA from salmon. (right) Shyanne King, Pfizer Oncology Fellow.

Bottom Row: (left) Arjun Kumar, Pfizer Oncology Fellow. (right) HutchCAN student visits the Nutrition Lab with Program manager Dr. Mary Grace Katusiime (right).

“After finishing my PhD, I was fortunate to continue my scientific training at Fred Hutch, where I took advantage of the professional development programs offered by the Office of Scientific Career Development (OSCD) and in the greater Seattle area...”



— Dr. Katie Yangi

2025 New Programs and Initiatives

Thanks to generous support and partnership from Alexandria Real Estate Equities, Inc., **Fred Hutch has a new, state-of-the-art learning laboratory** where high school and college students who participate in our education programs, or who visit with school and community groups, can learn and be inspired by science.

The **Native Science, Technology, Engineering, Arts, and Math (STEAM) Camp**, is a two-week educational program for Native American high school students hosted at Fred Hutch and Chief Leschi High School. Developed in partnership with Indigenous staff at Fred Hutch and community organizations such as the Salish Cancer Center, the camp was intentionally designed to foster interest in STEAM while honoring cultural relevance and community connection.

Clinical Leadership and Research Excellence (CLEARE) launched a series of workshops with topics that are specifically relevant to clinical research faculty, including the clinician-scholar and clinician-clinician track topics.

The **Career Exploration Program** is designed to assist postdocs and graduate students in exploring a variety of career opportunities. Integral to this process are self-assessment, self-awareness, exposure to career options and guidance on creating application materials.

Pfizer Oncology Fellowship Program supports exceptional graduate student researchers whose work advances oncology and the development of novel therapeutics.

“The faculty leadership incubator was a very helpful program and helped me realize there were many [new faculty] with the same struggles as me.”

— Faculty Leadership Incubator Participant

Awards in OET

This year, four OET program leaders received notable awards and honors.



Dr. James Alvarez

postbaccalaureate program faculty director, received the 2025 McDougall Mentoring Award



Dr. Amber Ismael

senior program manager of OSCD, has been elected to the National Postdoctoral Association (NPA) Board of Directors (2026-2028)



Dr. Jeanne Chowning

associate vice president of Science Education, received the 2025 Stephaun Wallace Staff Community Health Champion Award



Dr. Karen Peterson

director of OSCD and Scientific Ombuds, received the 2025 Fred Hutch Wyckoff Award for exceptional contributions and overall impact to Fred Hutch

Read More in our Annual Report



Visiting 5th graders from Rainier Scholars extracting DNA in the new Learning Lab.



Alisa McFeron in the Boeckh Lab as part of the Science Education Partnership (SEP) 3-week summer teacher program.



Flow Cytometry Specialist Gökтуğ (Sky) Esen teaches PACE Interns in the Flow Cytometry lab.



Kathleen Shannon Dorcy, PhD, RN, FAAN teaches students in the HutchCAN cohort about oncology nursing.

Publications

In addition to developing and running programs, OET staff and partners also publish journal articles about our work in curriculum development and educational programs.

■ **Supporting the Whole Postdoc Tookit**, National Postdoctoral Association, February, 2025.

■ **Why Do Elephants Rarely Get Cancer? Exploring Genomic Evolutionary Adaptations and the Role of a Tumor Suppressor Gene**, The Science Teacher, March 2025. Kristen Bergsman, Jeanne Chowning, Peggy O'Neill Skinner, Laurie Matthews.

■ **Improving the Biomedical Pipeline: Long-term Outcomes of an Undergraduate Internship**, International Journal of Research in Education and Science, July 2025. Julian Simon, Marilyn Drennan, Allison Meisner, Megan Shippen, Beti Thompson

■ **An IDP of Our Own**, Inside Higher Ed, December 2025. Ioannis Vasileios Chremos, Cynthia N. Fuhrmann, Brian E. Campbell Amber Ismael

■ **Ten Simple Rules for Running a Virtual Program to Introduce Computational Biology at the High School Level**, PLOS Computational Biology, December 2025. Hanako Osuga, Liza Ray, Jeanne Chowning, Matthew Chan, Katherine Brower

OET staff authors



Dr. Amber Ismael



Hanako Osuga



Dr. Jeanne Chowning



Dr. Julian Simon



Dr. Kristen Bergsman



Marilyn Drennan



Megan Shippen

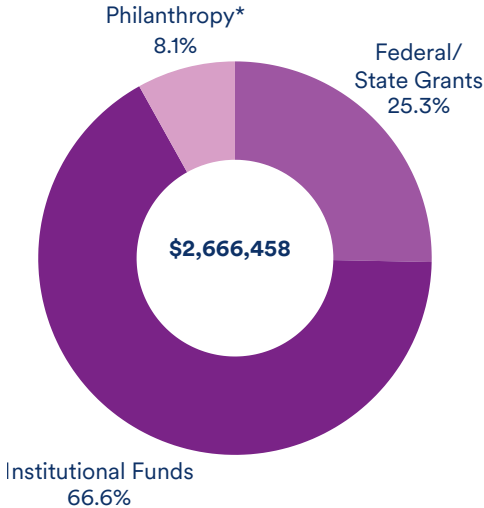


“The most valuable thing that has come out of my time from being at the Hutch was how it has strengthened my commitment to addressing health disparities through community-centered solutions. Participating in both Pathways and SURP both have helped spark my interest in the field of research. These opportunities have opened doors that have allowed me to work to uplift underserved communities.”

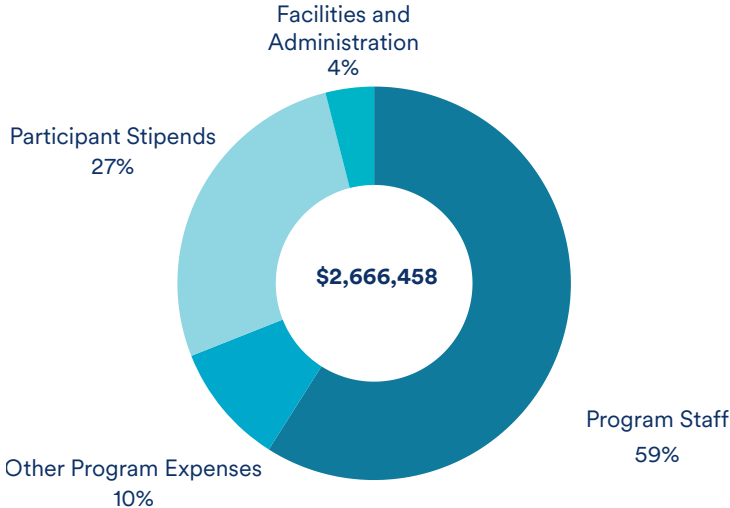
— Jari Tavira,
Pathways Undergraduate Research Program and
Summer Undergraduate Research Program alumnus

Financial support makes our Science Education work possible for high school, undergraduate, and teacher programs.

SciEd Resource Support (Actuals, FY25)



Breakout by Type of Costs



*Philanthropy includes funding from foundations, corporate partners, private, endowments and other funding sources.

We Need Your Support



Funds Support:
Science Education and
Training-related programs



See full list of donors
in our full 2025
Annual Report



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work at Fred Hutch



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