

"The research environment at the Hutch is unique in that there are multitudes of disciplines and specialties within those disciplines, but everyone is working towards a common goal of making strides in disease research...I also really appreciated the way all of the Hutch researchers and staff cultivated an environment that was so conducive to learning, and were receptive to my inquiries into their work despite my status as an intern."
— SURP Intern



2012 summer interns hike Mount Rainier. From left to right: Silvana Francescutti, Rini Kasinathan, Lori Mendelsohn, Nancy Liu, Julissa Chavez, Anna Kahkoska.
Photo credit: Julian Simon

HOUSING, MEALS, AND TRANSPORTATION

Interns are responsible for their housing, meals, and local transportation. Housing is available at the University of Washington for approximately \$2,000 for the duration of the program. Interns are eligible to purchase a subsidized transportation pass for \$45. There is a free shuttle between the Fred Hutch and University of Washington campus that departs every 15 minutes.

HOW TO APPLY

Students interested in participating in the Summer Undergraduate Research Program may submit an application at: www.fredhutch.org/surp. The application deadline is **Friday, January 12, 2018**. Letters of recommendation for up to two references are due by **Friday, January 19, 2018**. Notification of acceptance will occur in mid- to late-February.

2011 SURP intern, Lindsay Dale, presents her research at the competitive poster session. Photo credit: Clayton Hibbert



CONTACT US

If you have any additional questions about the Summer Undergraduate Research Program that are not addressed in the Frequently Asked Questions section of the SURP website, please send an email to: SURP@fredhutch.org.

ABOUT THE FRED HUTCH

The Fred Hutchinson Cancer Research Center is a world-renowned nonprofit research institution working to improve the prevention, detection, and treatment of cancer, HIV, and many other diseases. To learn more about the Fred Hutch, visit: www.fredhutch.org/en/about.html.

BIOMEDICAL RESEARCH INTERNSHIPS

A catalog of internships for high school, undergraduate, post-baccalaureate, graduate, and first-year medical students offered nationwide can be accessed at: www.fredhutch.org/content/dam/public/education/surp/internships2016.pdf.

The Summer Undergraduate Research Program is supported in parts by the Cancer Center Support Grant (CCSG) CURE Supplement: P30 CA015704-42S4, U54 CA 132381 (Fred Hutch) and U54 CA 132382 (NMSU).

Cover photo, 2010 SURP intern, Meighan Parker and her mentor, Elizabeth Kwan. Photo credit: Dean Forbes

SUMMER UNDERGRADUATE RESEARCH PROGRAM

Biomedical Research Opportunities Start Here!



www.fredhutch.org/surp



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About the Summer Undergraduate Research Program

The Summer Undergraduate Research Program at the Fred Hutchinson Cancer Research Center (Fred Hutch) is an intensive, nine-week internship designed to provide research experience and mentorship for undergraduate students who are interested in biomedical research. Under the guidance of a faculty mentor, students will complete an independent research project and present their findings at a competitive poster session.

The program runs from **Monday, June 11** through **Friday, August 10, 2018**. Students must be able to commit to this entire period in order to participate.

AREAS OF RESEARCH

Interns will be paired with a faculty mentor after selecting one of the following areas of interest:

Basic Science: Conducts fundamental research in structural, genetic, molecular, cellular, developmental, and evolutionary biology;

Human Biology: Interdisciplinary research; conducts lab-based and computational research at the interface of basic, clinical, and population sciences;

Public Health: Uses large populations as a "laboratory" to look for links between cancer and its possible triggers, from diet and lifestyle to environmental and genetic factors. Conducts statistical, epidemiological, and prevention studies around the world;

Clinical Research: Works to develop and analyze new treatments for cancers and other diseases; and

Vaccine and Infectious Disease: Integrates computational, laboratory, and clinical research methods to advance the understanding of microbial pathogenesis and infectious disease processes.

To learn more about the specific research interests of Fred Hutch faculty, please visit www.fredhutch.org/en/labs.html.



2012 SURP intern, Seth Bensussen, and his mentor, Bicheng Han.
Photo credit: Dean Forbes



2016 SURP intern, Cora Amundson, receives feedback to her personal statement from 2012 SURP alumna, Rini Kasinathan. Photo credit: Stephanie Louie

PROGRAM COMPONENTS

In addition to completing a mentored research project, interns will participate in professional development workshops designed to facilitate the preparation of competitive applications for graduate or medical school. Workshops include:

- ▶ Preparing a personal statement, resume, and abstract;
- ▶ How to successfully apply to graduate or medical school; and
- ▶ Preparing and presenting a scientific poster.

Interns will also attend weekly research seminars regarding a broad array of scientific topics. The program culminates with a competitive poster session.

The program also sponsors a number of social activities to foster interaction among interns and their mentors. Activities may include:

- ▶ Attending a Seattle Mariners MLB game OR Seattle Sounders FC match;
- ▶ Riding the Seattle Great Wheel OR touring the Theo Chocolate Factory;
- ▶ Taking a ferry to scenic Bainbridge Island; and/or
- ▶ Hiking the trails on Mount Rainier

ELIGIBILITY REQUIREMENTS

- ▶ U.S. citizen or permanent resident;
- ▶ Entering the summer BEFORE the final year (or semester or quarter) of undergraduate studies; and
- ▶ Strong background in the sciences or related area of interest

COMPENSATION

Interns will receive \$4,794 (minus taxes) for their participation in the Summer Undergraduate Research Program.

TRAVEL

Round trip travel costs (up to \$450) are provided. Travel arrangements will be coordinated by program staff unless otherwise requested.

"This was my first laboratory experience outside of classes, so it was great to see how research labs operate and to have a project of my own. I'm very grateful for all the support, information, and encouragement I got as a 'first-timer' from everyone in the lab to the wonderful program staff."

— SURP Intern