

Mohitveer Kahlon

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Research Positions

Institute for Systems Biology

Computational Biology Intern

Jun 2024 – Aug 2024

Seattle, WA

- Used libraries; scikit-learn, numpy, matplotlib, pandas, and WSinfer to process tissue images in python using pytorch, created arrays/coordinate plane graphs and tables to better analyze and understand images.
- Further image processing and visualization through software like Qupath and Image-J.
- Used machine learning algorithms and AI training to automate code.

Fred Hutchinson Cancer Center

Lab Aide – Biorepository services

Jan 2024 – May 2024

Seattle, WA

- Provided RNA/DNA extractions along with blood sample processing services for customer labs.
- Data entry for patient aliquoting information using REDCap.
- Cleaned and restocked in between procedures.

Fred Hutchinson Cancer Center

Research Intern

Jun 2023 – Aug 2023

Seattle, WA

- Cultured cell lines to perform assays, such as qRT-PCR, western blots, and immunocytochemistry while creating maps for assays and performing data entry through Excel.
- Worked under a time constraint and adapted experiment when needed along with performing calculations and assays under pressure when timing was important.
- Created a presentation of our findings through PowerPoint to present for the end of the program/lab meeting.

Certifications

Human Subjects Protections (HSP)

Fred Hutchinson Cancer Center

GCP for Clinical Trials with Investigational Drugs and Biologics (ICH Focus)

Fred Hutchinson Cancer Center

Education

North Seattle Colleges

Bachelor of Science – Data Science

Seattle, WA

Sep 2025 – Jun 2027

Conference Presentations

Institute for Systems Biology Poster Session

Presentation and Poster: Using spatial multi-omic assays to characterize the tumor immune microenvironment and guide predictive modeling

Seattle, WA

July, 2024

Fred Hutchinson Cancer Center Presentation: Cancer Biology

Presentation and Slide: Disrupting the CXCL12-CD26/CXCR4,7 Axis Through Supraphysiological Levels of R1881

Seattle, WA

Aug, 2023

University of Washington Research Symposium

Presentation and Poster: Effects of Road Salts on Aquatic Ecosystems

Seattle, WA

Jun, 2023

Honors and Extracurriculars

Dean's List

North Seattle College

Summer 2023, Spring 2024

NSCPL (North Seattle College Powerlifting) Founder

North Seattle College

2022 - Current