

# Mohitveer Kahlon

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## Research Positions

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**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

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**Human Subjects Protections (HSP)**  
*Fred Hutchinson Cancer Center*

**GCP for Clinical Trials with Investigational Drugs and Biologics (ICH Focus)**  
*Fred Hutchinson Cancer Center*

## Education

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**North Seattle Colleges**  
*Bachelor of Science – Data Science*

**Seattle, WA**  
*Sep 2025 – Jun 2027*

## Conference Presentations

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**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

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**Dean's List**  
*North Seattle College*

*Summer 2023, Spring 2024*

**NSCPL (North Seattle College Powerlifting) Founder**  
*North Seattle College*

*2022 - Current*