

Developing AI Competencies in Healthcare Through Interdisciplinary Datathons

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We scaled the UBC Medicine interdisciplinary Datathon to the national level, training students and professionals in AI-driven healthcare through hands-on collaboration.



Participant #	~70	~160
Datasets	Stroke detection, chest x-rays, and lung cancer CTs.	Breast cancer, heart disease, diabetes, CIM, ICU outcomes, liver disease, cervical fracture CTs.
Mentors	Local technical & health science mentors.	
Judges	Local judges (from UBC Internal Medicine & Tech)	Local judges submit winning projects to national judges.

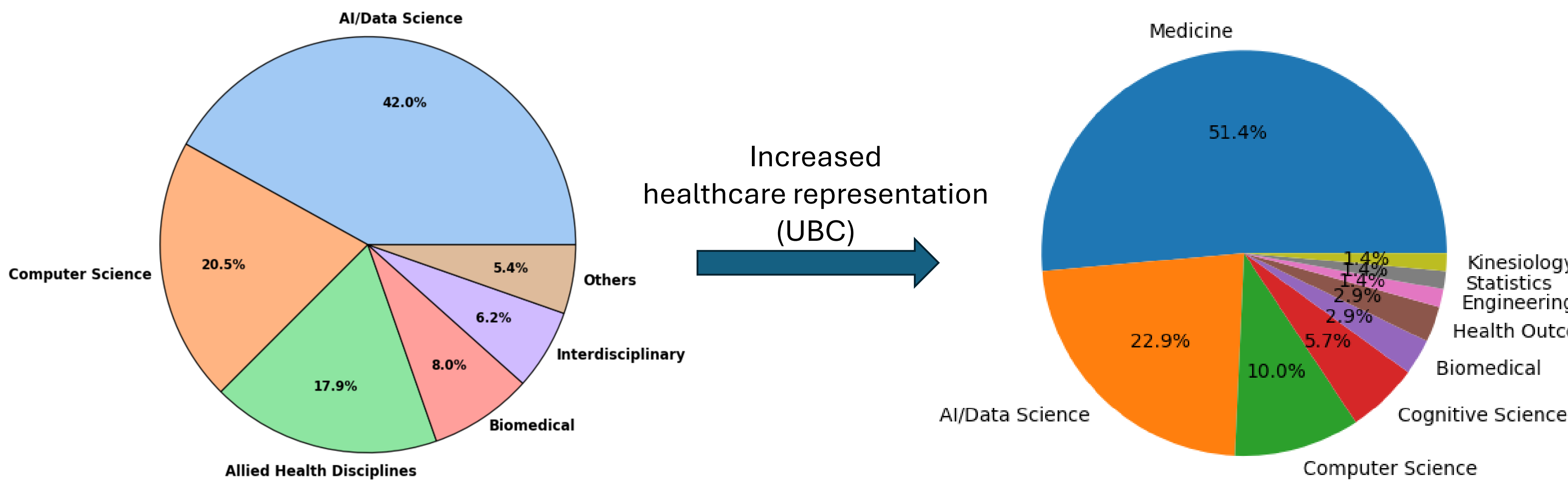


The Initiative

The Reach

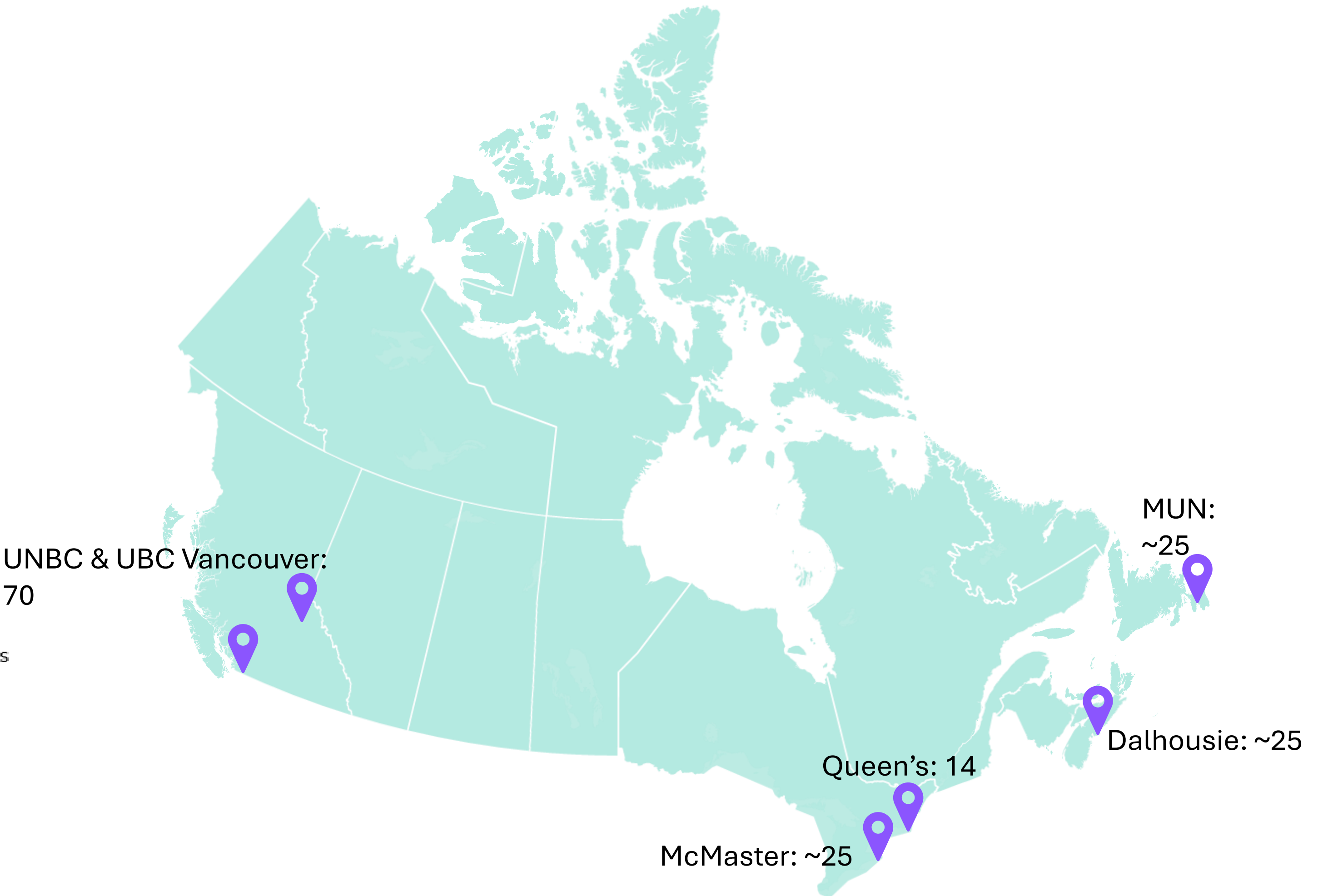
2025

2026



(UBC/ UNBC Breakdown)

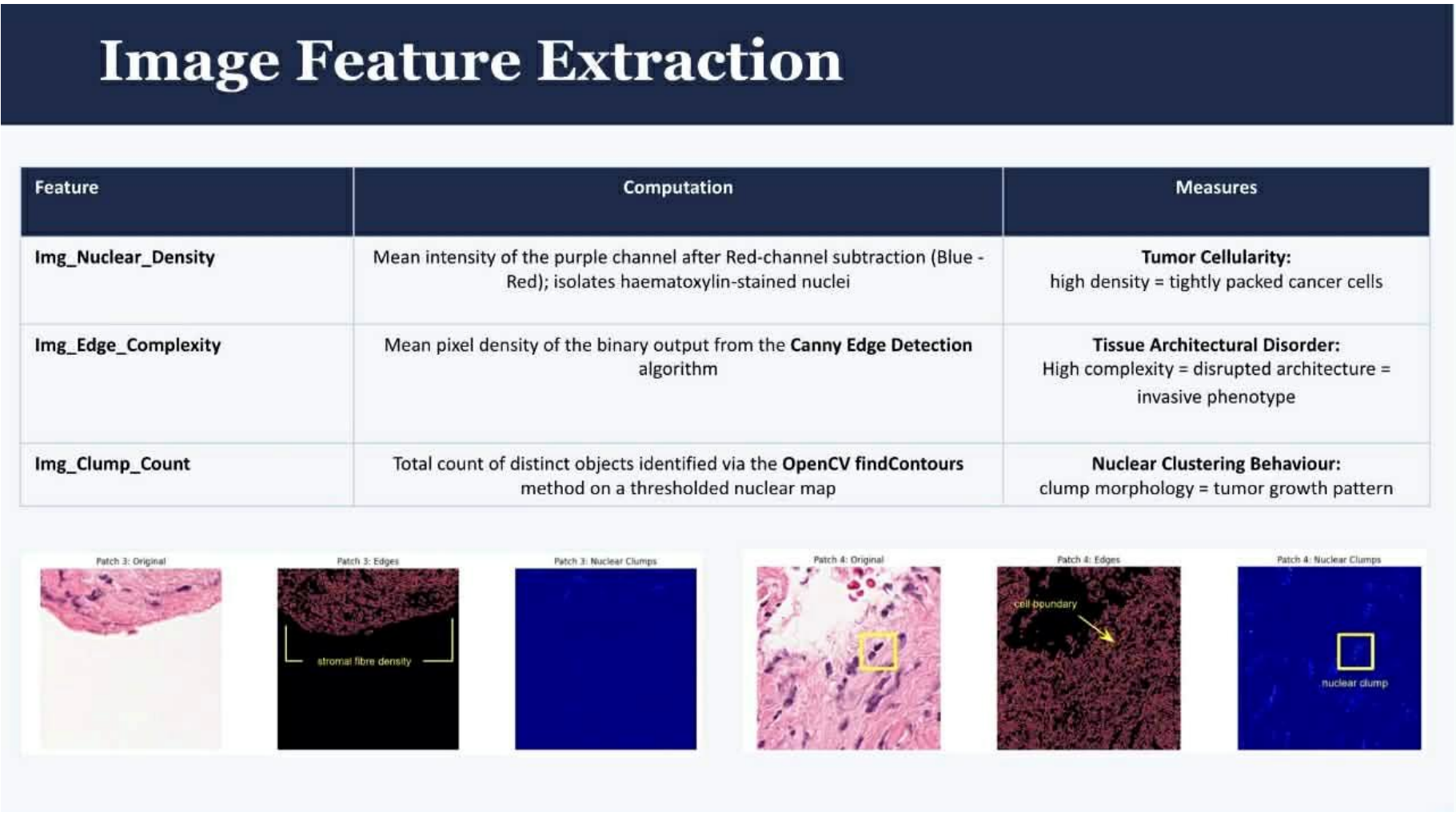
Training Level	Dataset difficulty choice
Undergraduates: 65.7% Graduate students: 30.0% Professionals: 4.3%	Beginner: 8.6% Intermediate: 48.6% Advanced: 42.9%



The People



Jeremiah Philips – Dalhousie Lead



UBC 3rd place

"I especially loved applying my medical school knowledge to real-world clinical challenges"
– UBC MD 2028

“Very interested in cross-sectoral collaborations and the insights that they yield”
– Memorial University Judging & Mentorship

- 1st place (\$900) - UBC: “Predicting In-Hospital Deterioration in GIM”
- 2nd place (\$600) – McMaster: “Diabetes Prognosis Management”
- 3rd place (\$300) – Queen’s: “Machine Learning for Breast Tumor Classification”

Future Directions: Expansion to additional Canadian medical schools