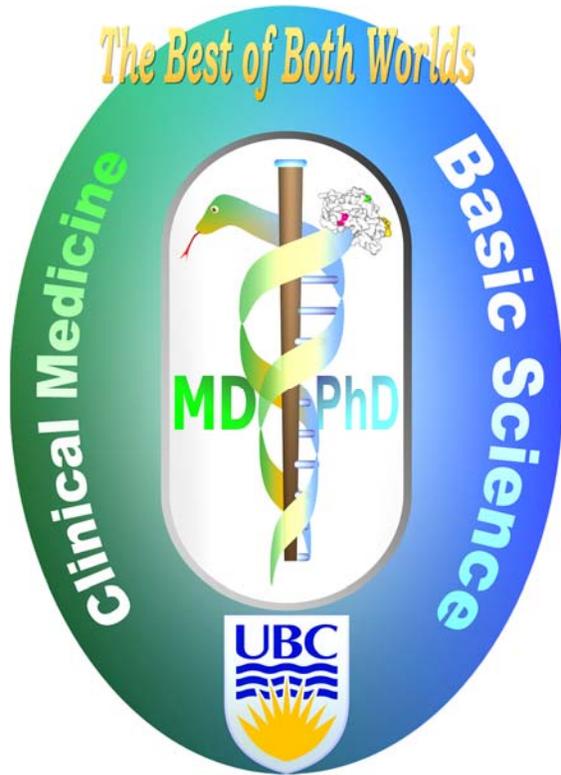


UBC MD/PhD PROGRAM



ARE YOU

.... aspiring to become a medical doctor?

.... with great passion for research?

.... interested in receiving a stipend while attending medical school at UBC?

The UBC Combined Doctor of Philosophy and Doctor of Medicine Program is where you can put your medical education and research into action.

The UBC MD/PhD Program is a prestigious and challenging course of studies. The goals of the program are to develop and nurture future "physician-scientists" in all fields of medicine. Our students are trained to translate basic discoveries into improving diagnosis, treatment and prevention of disease in patients.

Value of MD training

- Diverse knowledge, including most forms of human disease
- Realities of patient care
- Clinical thinking and decision-making
- Clinical implementation of new ideas

Value of PhD training

- Experience in critical assessment of evidence and experimental design
- Writing/reviewing grants and papers
- PhD credibility as a researcher
- MD/PhD program: more time to observe mentors and choose residency

Research Areas

Public Health

Neuroscience

Anatomy & Physiology

Biochemistry

Medical Genetics

Pathology & Laboratory Medicine

Urology

Sports Medicine

and more ...



a place of mind
THE UNIVERSITY OF BRITISH COLUMBIA

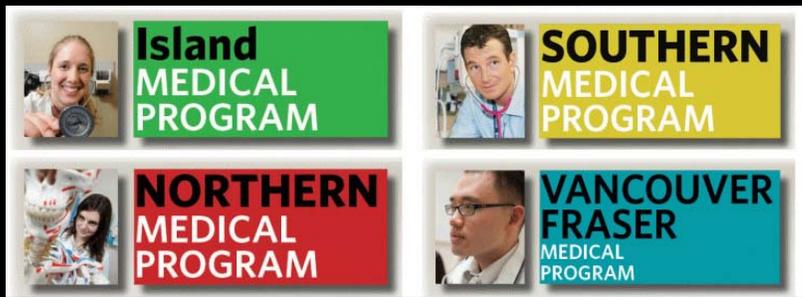
UBC MD/PhD Program

email: md.phd@ubc.ca

phone: 604-822-7198

UBC MD/PhD Program

<http://www.med.ubc.ca/mdphd>



Take ACTION.
Realize your POTENTIAL.



UBC MD/PhD Program

Financial Support:

- MD/PhD tuition fee is \$5,092.92 per year (2018-2019). This fee is charged in place of, rather than in addition to, the MD-only program tuition charge (currently \$18,110.49 per year)
- All MD/PhD students receive a studentship award through the MD/PhD Program, renewable each year for a maximum of six years
- First year students also receive the Faculty of Medicine Graduate Support Initiative Funding
- Top-ranked incoming students are eligible for the new MD/PhD Studentship awards which cover tuition and stipend
- Students are eligible for the UBC Four Year Doctoral Fellowship

Why choose MD/PhD @ UBC? Facts ...

- The UBC MD/PhD Program is a 7-year program
- Find your perfect supervisor from the highly regarded faculty members within the Faculty of Medicine
- You have your curriculum customized to synergize with your research
- You choose to work in one of the four medical programs
- There is sure to be a graduate program that aligns with your research interest
- Plenty of financial support: reduced tuition, scholarships, travel awards and research stipends
- The program hosts regular seminars for trainees and advocates for scheduling to balance research and clinical demands
- The program is expecting growth in student numbers in the coming academic years
- Connect with the highly motivated medical and graduate students ready for academic discussion, sports outings or a night of fun
- UBC is one of the top 3 medical schools in Canada and UBC is highly ranked among all universities in the world
- UBC Faculty of Medicine has 6 affiliated research institutes and 17 affiliated research centres with cutting edge research tools

STUDENT PROFILE



Alvin Qiu our current student representative, he is in his third year of the program. Alvin was born in Shanghai, China and grew up in Toronto, ON. Throughout his undergraduate degree, he was involved in projects ranging from studying cancer-related signal transduction at the Princess Margaret Cancer Centre to investigating molecular memory traces that underlie behavioural memory at the Montreal Neurological Institute. Alvin completed his BSc in Honours Anatomy and Cell Biology at McGill University. For his PhD, Alvin is interested in cancer research and is beginning a project on synovial sarcoma epigenomics with Drs. Martin Hirst and Torsten Nielsen. Synovial sarcoma is a highly aggressive soft-tissue cancer that predominantly affects adolescents and young adults. This malignancy is characterized by a unique chromosomal abnormality, a balanced chromosomal translocation $t(X,18; p11,q11)$, that ultimately dysregulates critical genes via epigenetic modifications. The exact mechanisms of how these aberrant processes drive this cancer are poorly defined and controversial. By understanding the epigenomics of synovial sarcomas, Alvin hopes to guide the use of emerging epigenetic therapeutic agents in the treatment of this deadly disease. At UBC, Alvin is also involved with the UBC Medical Journal (UBCMJ) and the Medical Education Committee (MEC). Outside of school, Alvin enjoys hiking, swimming, biking, snowboarding, music and watching reality TV.

STUDENT PROFILE



Paulina Piesik is co-supervised by Drs. Jan Dutz and Laura Sly in the Experimental Medicine Program. Paulina's research is in the field of skin immunology, particularly how it relates to systemic inflammation and immune tolerance. Allergic and autoimmune disorders are on the rise, creating enormous fiscal and psychosocial burdens on patients and the Canadian healthcare system. One promising therapeutic avenue to treat these conditions is immunomodulation, whereby the immune system is "reprogrammed" to suppress unwanted inflammation. Regulatory T cells (Tregs) are potent contributors in suppressing inflammation and can directly restrain inflammation in a manner that targets specific antigens, or molecules that are causative to inflammatory disease. Human skin is particularly rich in Tregs. Paulina will be exploring immunomodulatory strategies that harness the tolerogenic potential of skin Tregs to treat systemic inflammatory disease. Previous to entering the program, Paulina completed a BSc in Honours Cell Biology with an thesis on cell stress-coping mechanisms. Outside of research, she co-chairs the UBC Students in Health Undergraduate Research Conference and plays clarinet for the Medical Undergraduate Symphony Ensemble.

<http://mdprogram.med.ubc.ca/mdphd/students/>

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The University of British Columbia

UBC is a global centre for research and teaching, consistently ranked among the 40 best universities in the world. Since 1915, UBC's West Coast spirit has embraced innovation and challenged the status quo. Its entrepreneurial perspective encourages students, staff and faculty to challenge convention, lead discovery and explore new ways of learning. At UBC, bold thinking is given a place to develop into ideas that can change the world.