

POSTDOCTORAL POSITION IN MACHINE LEARNING, BIOINFORMATICS & GENETICS

Alberta Machine Intelligence Institute and School of Public Health

A fully-funded two-year postdoctoral position is available in the Alberta Machine Intelligence Institute (<https://www.amii.ca/>) and School of Public Health (<https://www.ualberta.ca/public-health>) at University of Alberta (Edmonton, Canada). The postdoctoral fellow will work in the team of Prof. Yutaka Yasui (<https://sites.ualberta.ca/~yyasui/yutaka.html>) on research for utilizing massive bioinformatics data on human genome that are increasingly available publicly and a genome-sequencing dataset (>15 million variables that represent genetic features of each subject) to predict various late effects of cancer therapy in a large cohort of childhood cancer survivors, in conjunction with detailed cancer treatment exposures. The postdoctoral fellow will lead machine/statistical-learning methodology development, implementation, data analysis, paper writing, and presentation at scientific meetings under the guidance and mentorship of Prof. Yasui.

Required qualifications are:

- a PhD in Computer Science (Machine Learning), Statistics/Biostatistics, Bioinformatics, Computational Biology or related fields
- strong interest and capacity in research for utilizing data-science skills and knowledge to solve biomedical problems.

To Apply:

Qualified candidates are encouraged to apply by submitting a CV and a Statement of Research Interest and Relevant Experience to:

Dr. Yutaka Yasui
yyasui@ualberta.ca

Closing date:

Position open until filled.

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.