



## AVAILABLE POSTDOC POSITION

### Postdoctoral Fellow in Machine Learning Modeling of Cirrhosis Disease Development

We seek a post-doctoral fellow (PDF) to research building interpretable machine learning (ML) models to predict the morbidity and mortality of patients with cirrhosis. The research will use a large healthcare dataset drawn from ICES's data repositories ([www.ices.on.ca](http://www.ices.on.ca)). The PDF will work with Dr. Geoffrey Chan

<https://www.ece.queensu.ca/people/W-Y-G-Chan/index.html>

and Dr. Jennifer Flemming

<https://deptmed.queensu.ca/people/jennifer-flemming>.

The PDF appointment will initially be for one year, starting before but no later than September 1, 2021. Consideration will be given to applicants who have completed their Ph.D. degrees before the start date, with ML and statistical modeling as key components of his/her recent research. Experience with building ML models in health disciplines such as epidemiology, biomedical statistics, and hepatology and related medical areas such as cancer would be an asset. Applicants with experience in other ML application domains will also be considered, on the basis of demonstrated contribution to the nexus of statistical and ML modeling. Another consideration is the candidate's ability/potential to quickly drill into ICES data.

The salary (plus benefits) offered will be commensurate with the candidate's qualification. To apply, please email a copy of your current CV and the names and contact information of three references to Dr. Geoffrey Chan ([chan@queensu.ca](mailto:chan@queensu.ca)). Due to pandemic travel restrictions, only qualified candidates who are already in Canada legally or who can return to Canada as citizen or permanent resident will be considered. Please indicate your status in your application.

**EMPLOYMENT EQUITY:** The University invites applications from all qualified individuals. Queen's is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, Aboriginal peoples, persons with disabilities, and LGBTQ persons.

**ACCOMMODATION IN THE WORKPLACE:** The University has policies in place to support its employees with disabilities, including an Accommodation in the Workplace Policy and a policy on the provision of job accommodations that take into account an employee's accessibility needs due to disability. The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact Geoff Chan at [chan@queensu.ca](mailto:chan@queensu.ca).