# JOB OPPORTUNITY
Department of Oncology, Cumming School of Medicine
**Postdoctoral Fellow Position in Real-World Evidence Analytics**

Area:  Real World Evidence Analytics
Duration: one year with possibility of extension
Start date: January 1, 2022
Salary: $50,000 plus benefits

The **Department of Oncology, Cumming School of Medicine** at the University of Calgary is accepting applications for a Postdoctoral Scholar in Real-World Evidence Analytics.

## Job Description

The postdoctoral fellow will focus on studies in the analysis of real-world data for cancer outcomes and methods for precision health analytics under the supervision of Drs. Winson Cheung, Professor and Lead for Health Services Research for Oncology in Alberta and Darren Brenner, Associate Professor and Armstrong Investigator in Molecular Cancer Epidemiology at the University of Calgary. Drs Cheung and Brenner are conducting studies focused on the application of novel methods to large datasets and electronic health records in cancer. Priority projects include the development and application of machine learning algorithms, natural language processing, development of risk prediction models and clinical decision support algorithms. Numerous opportunities exist for the successful candidate to contribute to multiple on-going and planned research studies, to develop their own area of research expertise, to publish and present scholarly work, and to obtain additional specialized training.

This position will be located within the Department of Oncology, University of Calgary, the Arnie Charbonneau Cancer Institute and the O'Brien Institute for Public Health which have extensive resources and infrastructure to support research. In addition, this position has competitive remuneration and health benefits.

## Qualifications

The successful candidate will have recently graduated (within the last 5 years) with a **PhD in Epidemiology, Statistics, Health Services Research, Computer Science, Bioinformatics or Biostatistics** and have excellent academic credentials. Evidence of peer-reviewed publications and scholarly presentations is necessary. The individual should be motivated and enthusiastic

about cancer research, the development and application of novel methods and be capable of working independently and have excellent oral and written English communication skills.

**Additional information**

The terms and conditions of employment are covered under the UCalgary and PDAC Collective Agreement. To find out more about postdoctoral scholar program at the University of Calgary visit our Postdocs website.

**Application Details**

Individuals interested in this challenging and rewarding opportunity in a growth-oriented department should submit their curriculum vitae, a statement of research interests and goals, and the names of three references. Only those applicants selected for interviews will be contacted. In accordance with Canadian Immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada, although others are encouraged to apply.

Please send application materials to:

Dr. Winson Cheung
winson.cheung@ahs.ca

Dr. Darren Brenner
darren.brenner@ucalgary.ca

**About the University of Calgary**

The University of Calgary is Canada's leading next-generation university – a living, growing and youthful institution that embraces change and opportunity with a can-do attitude. Located in the nation's most enterprising city, the university is making tremendous progress on its Eyes High journey to be recognized as one of Canada's top five research universities, grounded in innovative learning and teaching and fully integrated with the community it both serves and leads. The University of Calgary inspires and supports discovery, creativity and innovation across all disciplines. For more information, visit **ucalgary.ca**.

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**About Calgary, Alberta**

Calgary is one of the world's cleanest cities and has been named one of the world's most livable cities for years. Calgary is a city of leaders – in business, community, philanthropy and volunteerism. Calgarians benefit from the strongest economy in the nation and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.

*The University of Calgary recognizes that a diverse staff/faculty benefits and enriches the work, learning and research experiences of the entire campus and greater community. We are committed to removing barriers that have been historically encountered by some people in our*

*society. We strive to recruit individuals who will further enhance our diversity and will support their professional success while they are here. We encourage all qualified applicants to apply, however preference will be given to Canadian citizens and permanent residents of Canada.*