

POSTDOCTORAL POSITION IN CHEMINFORMATICS

The Metabolomics Innovation Centre

The Metabolomics Innovation Centre (TMIC) is centred on the North Campus of the University of Alberta, in Edmonton, Alberta, Canada. Under the scientific direction of Dr. David Wishart, TMIC is Canada's core metabolomics facility. A major focus of TMIC is the maintenance and development of new and improved chemical and bioinformatic resources for metabolomics analysis. Informatics resources available include a wide array of custom and commercial software and databases. This post is available immediately.

Skills required:

- PhD in cheminformatics or bioinformatics
- Experience with SMARTS, SMILES, SMIRKS and InChI
- Experience with Ruby on Rails and other web development and prototyping platforms
- Knowledge of R, Python, Pearl
- Experience with server system maintenance
- Familiarity with metabolomics
- Experience with data analysis including MS and NMR spectral analysis preferred
- Familiarity with machine learning an asset

Responsibilities:

- work with a team of programmers, developers and trainees
- develop new resources
- improve existing resources
- trouble shoot issues
- draft manuscripts for publications
- mentor graduate students or junior staff

To Apply:

Forward your CV and contact information for three references to:

Dana Chamot
dchamot@ualberta.ca
T: 780 492-5009 (+1 if outside Canada)

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 offers appointments on the basis of merit. We are committed to the principle of equity in employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities and Aboriginal persons.