

SEEKING Post Doctoral Fellows

Alberta Ingenuity Centre for Machine Learning (AICML)
at the University of Alberta
is seeking strong researchers as postdoctoral fellows (PDFs)
for various projects -- both application pull and technology push.

Bioinformatics projects:

Work with AICML + medical researchers to analyze biological and medical data, from:

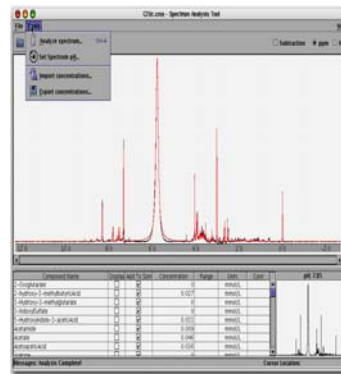
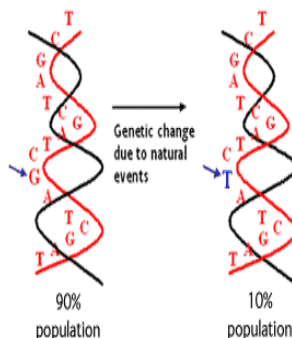
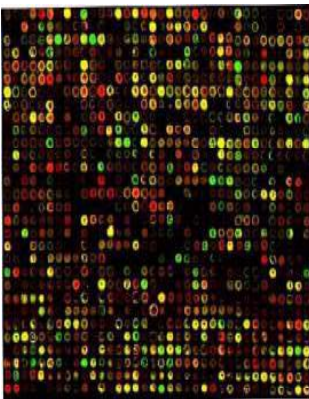
- Microarrays (≈ 650 in 5 studies)
- Single nucleotide polymorphisms (SNPs), (≈ 2000 in 3 studies)
- Metabolic profiles
- Other clinical and histopathological data...
- ... to produce *effective classifiers/regressors* and to *identify the relevant biomarkers* for further analysis.

Ideal candidate: Knowledgeable in...

- Biology, and
- Machine learning (graphical models, learning algorithms, tricks for "large p , small n ").
- Interest + ability in programming (Matlab)

Role: PDF will lead a team of computing scientists with medical researchers and clinicians, on various projects (new, and existing)

Great opportunity to help solve important real-world problems, and also produce high-quality publications, in both artificial intelligence and medical journals.



<http://www.aicml.ca>

<http://www.cs.ualberta.ca/~greiner/PDF-AICML-ACB.html>