CAREER OPPORTUNITY

Location: James Hogg Research Center
Category: Research
Group: Faculty - Postdoctoral Research Fellow Genetics of Common Complex Diseases
Department: Respiratory
Duration: 2013-06-01
Tenure: Full-time; Grant funded
Deadline: Applications will be reviewed on an ongoing basis until the position is filled

Overview
A postdoctoral scholar position is available immediately for a highly motivated recent PhD graduate to join the laboratory of Dr. Denise Daley at the James Hogg Research Center. The James Hogg Research Center is located in downtown Vancouver BC. The laboratory is broadly interested in understanding the genetics of common complex diseases. The current position will focus on epigenetics and the relationship between inherited genetic variation, genetic methylation and susceptibility to asthma and related phenotypes.

POSITION SUMMARY

A postdoctoral scholar position is available immediately for a highly motivated recent PhD graduate to join the laboratory of Dr. Denise Daley at the James Hogg Research Center, Department of Medicine, University of British Columbia (UBC). The James Hogg Research Center is located in downtown Vancouver BC. The laboratory is broadly interested in understanding the genetics of common complex diseases. The current position will focus on epigenetics and the relationship between inherited genetic variation, genetic methylation and susceptibility to asthma and related phenotypes.

The laboratory is broadly interested in understanding the causes and consequences of inherited genetic variation and disease susceptibility to a variety of common complex diseases. Specific research projects include association, genome-wide association, whole genome sequencing, and epigenetic studies. The lab has a variety of study designs (case-control, cohort, birth cohorts, family based studies) from world-wide populations. The lab is involved in numbers international efforts and meta-analysis and offering exposure to a wide variety of studies current in statistical genetics and genetic epidemiology. The position offers candidate numerous interdisciplinary collaborations and population cohorts, birth cohorts focused on the early-life experiences in relationship to development of asthma and related phenotypes.

QUALIFICATIONS

The ideal applicant will possess a curiosity and passion for science and a talent for independent research, which should be supported by a strong publication record with at least two first author publications in respected journals. Extensive knowledge of statistical genetics, genetic epidemiology and bioinformatics is required, and experience in the analysis of high dimensional data sets. Familiarity with R, STATA, and SAS programming languages is essential, as is experience with high performance computing platforms, UNIX operating systems, and shell scripting. Familiarity with Perl, Python, and other computer programming languages is an asset. While this position is grant-funded, the successful applicant will be expected to apply for his or her own external funding.

HOW TO APPLY

Exceptional candidates should submit a cover letter outlining your research interests and fit with the laboratory’s research, curriculum vitae, and the names of three referees willing to provide letters of reference. Please send all applications electronically to shemim.manji@hli.ubc.ca and denise.daley@hli.ubc.ca. Applications will be reviewed on an ongoing basis until the position is filled.
UBC has a strong and collaborative research community and is situated in the beautiful city of Vancouver, where many outdoor recreational opportunities are available including world class skiing, mountain biking, hiking, scuba diving and surfing. Vancouver has consistently been ranked as the world’s most beautiful city. Located on the shores of the Pacific Ocean the city is modern, cosmopolitan and vibrant.

Due to the number of resumes we receive, we are unable to confirm receipt of submissions over the phone, or provide the status of the competition except to those who are selected for an interview.