Job title:	Senior Application Developer/Analyst
Departments:	Centre for Health Evaluation and Outcome Sciences (CHÉOS) & CIHR Canadian HIV Trials Network (CTN) at the Providence Health Care Research Institute (PHCRI)
Location:	St. Paul's Hospital, Vancouver, BC
Salary:	Commensurate with experience
Desired Start Date:	As soon as possible
Full/Part time:	Full-time
Term:	1 year, renewable
Application Closing Date:	May 26, 2017 at 5pm
How to Apply:	Interested candidates should email their resume with cover letter to hr@cheos.ubc.ca. Only applications following this process will be reviewed.

Job Summary

This position is responsible for the software development lifecycle and day-to-day support for various custom applications. The Senior Application Developer/Analyst works closely with CHÉOS/CTN staff including programmers, analysts, physicians, epidemiologists, research nurses, project managers, research coordinators and assistants, data managers, biostatisticians, graduate students and fellows.

Located at St. Paul's Hospital, CHÉOS is an interdisciplinary collective founded to pursue excellence in health outcomes research. In addition to conducting its own research, the Centre's other primary function is to offer methodological expertise to other researchers, including assistance with study design, statistics, health economics, data management, and grant facilitation for both health outcomes research and clinical trials. The Centre consists of 45-50 faculty members and 130-150 staff and research personnel. The Centre also currently manages three staffed, off-site research offices across the province.

The CTN is an innovative partnership of clinical investigators, physicians, nurses, people living with HIV/AIDS, pharmaceutical manufacturers and others that facilitate HIV clinical trials of the highest scientific and ethical standards. Established in 1990 as a cornerstone of the federal AIDS Strategy, the CTN is funded by the Canadian Institutes of Health Research (CIHR), and jointly sponsored by the University of British Columbia (UBC) and St. Paul's Hospital (Providence Health Care) in Vancouver.

Work Performed

Working within a dynamic team of programmers and analysts, the Senior Application Developer/Analyst supports the Information Management/Information Technology (IMIT) functions of CHÉOS/CTN, which include the following:

- Performing requirement reviews, proposing solutions and providing time estimates
- Developing prototypes as well as the final product based on agreed designs with the IMIT team
- Performing Unit Testing and supporting System Integration Testing
- Supporting User Acceptance Testing and seeing through production cutover
- Providing support for any issues identified in Post Implementation Review
- Producing project documentation and ensuring proper project handover and closure
- Assisting the support team with producing user guides and other training materials
- Other related duties as may be required

Supervision Received

Reports to the Chief Information Officer.

Supervision Given

This position does not include supervision of other staff.

Consequence of Error/Judgement

The Senior Application Developer/Analyst works independently with general direction on methods and procedures. Poorly designed, developed, or tested applications could damage organizational reputation, have a detrimental impact on functionality, result in lost productivity and/or negatively affect fee-for-service revenue. Inadequate security of the applications could result in unauthorized access or inability to access critical data for CHÉOS, CTN, and its affiliates. The incumbent is required to conduct all activities in accordance with institutional policies and procedures, including research ethics, data privacy, and confidentiality.

Working Conditions

The applicant will be working in CHÉOS/CTN located at St. Paul's Hospital. The incumbent will be provided with appropriate work space.

Qualifications

The incumbent must have a Diploma or Degree in the field of computer science, information systems, software engineering, or a related discipline, as well as the following qualifications:

- 3+ years' experience in developing and maintaining business applications
- In-depth knowledge of relational database design and management
- 2+ years' experience working with Oracle database and exposure to other database technologies

- Highly proficient in SQL, PL/SQL, and Web development
- 2+ years working with Oracle development tools – Forms, Reports, Apex
- Experience working with Unix/Linux, shell scripting
- Ability to communicate effectively both verbally and in writing
- Ability to work independently with minimal supervision and deliver high quality results
- Capacity to adapt quickly and work well in a fast paced and diverse team environment

The following qualifications are preferred but not necessary:
- Experience in health care or health-related industries
- Proficiency with clinical trials management systems (InForms, RedCap, OpenClinica, BioClinica)
- Exposure to QA processes and procedures
- Familiarity with all phases of the project development cycle
- Experience with PVCS or other version control software
- Familiarity with Perl, PHP, Java, HTML, and XML

Candidates selected for an interview may be asked to complete a technical review.

CHÉOS and the CTN hire on the basis of merit and are committed to employment equity. All qualified persons are encouraged to apply. CHÉOS/CTN are strongly committed to diversity and welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, persons of any sexual orientation or gender identity, and others who may contribute to the further diversification of ideas. Canadians and permanent residents of Canada will be given priority.

Only candidates shortlisted will be contacted.