Queen's National Scholar in Precision Molecular Medicine
Queen's University, Kingston, Ontario, Canada

The Faculty of Health Sciences and the Faculty of Arts and Science at Queen's University are seeking an outstanding scientist and educator with passion, energy, and a strong vision for innovative research in biomarker identification, profiling and quantification, metabolomics, proteomics, and analytical chemistry. The successful applicant will become the designated nominee for a Queen's National Scholar (QNS) position and, if awarded, will hold a joint (50:50) appointment between the Faculty of Health Sciences (Departments of Biomedical and Molecular Sciences and Surgery) and the Faculty of Arts and Science (Department of Chemistry). Appointments will be either tenure-track or with tenure, at the rank of Assistant or Associate Professor, depending upon the successful candidate's level of experience. The preferred starting date is July 1, 2018. Further information on the Queen's National Scholar Program is available on the website of the Office of the Vice-Principal (Research): http://www.queensu.ca/vpr/prizes-awards/queens-national-scholars.

Candidates must have a PhD or equivalent degree completed at the start date of the appointment. The main criteria for selection as a Queen's National Scholar are research and teaching excellence. The successful candidate will: (i) provide evidence of high-quality scholarly output that demonstrates potential for independent research leading to peer-assessed publications and an externally-funded world-class research program and (ii) demonstrate strong potential to make outstanding teaching contributions at both the undergraduate and graduate levels and an ongoing commitment to academic and pedagogical excellence in support of the Departments' programs. Applicants will be expected to provide evidence of an ability to work collaboratively in an interdisciplinary and student-centred environment. The successful candidate will be required to make contributions through service to the department, the Faculty, the University, and/or the broader community. Salary will be commensurate with qualifications and experience. This position is subject to final budgetary approval by the University.

Selection as the Queen's National Scholar in Precision Molecular Medicine will also be based on evidence that the candidate is an emerging leader in the use of chemical diagnostics for health-related applications, including but not limited to those related to surgical procedures. An example might be mass spectrometry-based or spectroscopy-based biomarker identification to guide medical treatments such as precision surgical procedures. Applicants must have a distinguished track record of discovery and innovative research, and an ability to collaborate with colleagues in the Departments of Biomedical and Molecular Sciences, Chemistry, and Surgery, as well as with other natural scientists and clinical researchers at Queen's University. Evidence that the candidate has the capacity to develop and deliver educational content in this area for both undergraduate and graduate programs will be important selection criteria as well.

The Faculty of Health Sciences is host to numerous research centres, housing scientists with research interests that will complement the successful applicant. This includes the Human Mobility Research Centre (HMRC), Queen's Cancer Research Institute (QCRI), Queen's Cardiopulmonary Unit (QCPU), and the Centre for Neuroscience Studies (CNS). These groups maintain extensive collaborations with researchers in the Faculty of Arts and Science, and in the Faculty of Applied Science. They deploy an array of platforms to support transdisciplinary research teams interested in developing clinical tools for early diagnosis of disease, assessing prognosis and progression, and for predicting therapeutic response. Additionally, the Centre for Advanced Computing at Queen's delivers a world-class high-performance computing environment and storage resources.

The Department of Chemistry is a primary research engine within the Faculty of Arts and Science, with an international reputation in medicinal chemistry, analytical chemistry, organic synthesis, and bioorganic chemistry. Housed within Chernoff Hall, the undergraduate and graduate Chemistry educational programs are supported by state-of-the-art teaching and research facilities encompassing mass spectrometry, NMR spectroscopy, surface analysis, and X-ray crystallography infrastructure.

The University invites applications from all qualified individuals. Queen's is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, Aboriginal peoples, persons with disabilities, and LGBTQ persons. All qualified candidates are encouraged to apply; however, in accordance with Canadian Immigration requirements, Canadian citizens and permanent residents of Canada will be given priority.

To comply with Federal laws, the University is obliged to gather statistical information about how many applicants for each job vacancy are Canadian citizens / permanent residents of Canada. Applicants need not identify their country of origin or citizenship, however, all applications must include one of the following statements: "I am a Canadian citizen / permanent resident of Canada"; OR, "I am not a Canadian citizen / permanent resident of Canada". Applications that do not include this information will be deemed incomplete.

A complete application consists of:

- a cover letter (including one of the two statements regarding Canadian citizenship / permanent resident status specified in the previous paragraph);
- a current Curriculum Vitae (including a comprehensive list of publications, awards, and grants received);
- a statement of current and prospective research interests and experience;
- a statement of teaching experience and interests together with a teaching portfolio (including teaching outlines and evaluations if available);
- the names and contact information of a minimum of three referees, one of which must be at arm's length.

The deadline for applications is January 31, 2018. Applications will continue to be reviewed until a suitable candidate is found. Applicants are asked to send all documents in their application packages electronically as PDFs to Dr. Hans-Peter Loock and Dr. Michael Adams, Co-Chairs, Joint Appointments Committee for Precision Molecular Medicine, Queen's University, Kingston, Ontario, K7L 3N6 at dbmsrecruit@queensu.ca.

The University will provide support in its recruitment processes to applicants with disabilities, including accommodation that takes into account an applicant's accessibility needs. If you require accommodation during the interview process, please contact: Jackie Moore in the Department of Biomedical and Molecular Sciences at dbmsrecruit@queensu.ca.

Academic staff at Queen's University are governed by a Collective Agreement between the University and the Queen's University Faculty Association (QUFA), which is posted at http://queensu.ca/facultyrelations/faculty-librarians-and-archivists/collective-agreement and at http://www.qufa.ca.