

Tenure-Track Position in Experimental Particle Astrophysics

The Department of Physics, Engineering Physics and Astronomy, Faculty of Arts and Science at Queen's University invites applications for a Tenure-track faculty position at the rank of Assistant Professor with specialization in Experimental Particle Astrophysics, with a starting date of July 1, 2015. The successful candidate will be an outstanding scientist who will establish an excellent research program in experimental particle astrophysics.

Queen's is a leading institution of the SNOLAB facility for underground science (see www.snolab.ca), a major international particle astrophysics facility located in Canada. We intend to maintain our leadership role in this field through the development of new experiments that explore questions at the intersection between particle physics and astrophysics/cosmology, and that will be sited in SNOLAB. Currently, faculty members in the particle astrophysics group are participating in SNO+ (the successor to the Sudbury Neutrino Observatory (SNO) studying neutrinoless double beta decay and neutrinos from astrophysical and terrestrial sources), and the PICASSO/PICO, DEAP-3600 and SuperCDMS dark matter experiments. The group has recently expanded with the addition of a Canada Excellence Research Chair (CERC) in experimental particle astrophysics, and a search for a Tier 1 Canada Research Chair (CRC) in theoretical particle astrophysics is currently underway. There are also close interactions with Queen's faculty conducting research in observational astronomy, astrophysics and theoretical cosmology.

Queen's University is one of Canada's leading research-intensive universities. The [Department of Physics](#) at Queen's University has 28 Faculty working in the areas of astronomy and astrophysics, condensed matter physics and optics, engineering physics, and particle astrophysics. We are located in historic Kingston on the shores of Lake Ontario, with world-class windsurfing and sailing on our doorstep. Kingston has been ranked as one of the best places to live in Canada.

Candidates should have a PhD completed by the start date of the appointment. The main criterion for selection is academic and teaching excellence. The successful candidate will provide evidence of high quality scholarly output that demonstrates potential for independent research leading to peer assessed publications and the securing of external research funding, as well as strong potential for outstanding teaching contributions at both the undergraduate and graduate levels, and an ongoing commitment to academic and pedagogical excellence in support of the department's programs. Candidates must also provide evidence of an ability to work in an interdisciplinary, collaborative environment. The successful candidate will also be expected to make substantive contributions through service to the department, to the Faculty, to the University, and/or the broader community. Salary is commensurate with qualifications and experience.

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 people, persons with disabilities, and persons of any sexual orientation or gender identity. All 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 list of publications), a statement of research interests, a statement of teaching interests and experience (including teaching outlines and evaluations if available), and three letters of reference.

Applications are to be submitted to: **Dr. Marc Dignam, Head, Department of Physics, Engineering Physics & Astronomy, Queen's University, Kingston, Ontario, Canada, K7L 3N6**, Phone: **(613) 533-2706**, Fax: **(613) 533-6364**. E-mail: head@physics.queensu.ca. The first review of applications will begin on February 15, 2015 and will continue thereafter until a successful candidate is found.

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 Melissa Balson in the Department of Physics, Engineering Physics and Astronomy, at mbalson@physics.queensu.ca.

Additional information about Queen's University, which may be of interest to prospective faculty members, can be found at <http://www.queensu.ca/facultyrecruitment>.

Academic staff at Queen's University are governed by a *Collective Agreement* between Queen's University Faculty Association (QUFA) and the University, which is posted at <http://www.queensu.ca/provost/faculty/facultyrelations/qufa/collectiveagreement.html>.