



Tenure-track Faculty Position

Canada Research Chair (Tier 2) in Planetary Science

Established in 2012, the Lassonde School of Engineering, York University offers a broad range of undergraduate and graduate programs in engineering, computer science and earth and atmospheric science. This \$250 million initiative includes hiring 100 new faculty and staff, expanding the student body by 1500, and fostering an inclusive and diverse culture committed to advancing gender parity. We have created a culture where tomorrow's professionals are becoming Renaissance Engineers™ – multidisciplinary problem solvers, critical thinkers, leaders and entrepreneurs who understand creativity, communications, social responsibility, and cultural diversity. We seek committed faculty who can contribute to our innovative approaches to incorporating research in the curriculum, experiential education, technology enhanced learning and other pedagogical innovations. Further information is available at <http://lassonde.yorku.ca/>

The Department of Earth and Space Science & Engineering (ESSE) invites applications from emerging leaders in the area of Planetary Science to be nominated for a Tier 2 Canada Research Chair at York University. The appointment will be at the level of Assistant or Associate Professor and commencing July 1, 2017. Applications are solicited from candidates with successful original and innovative research programs involving laboratory investigation of processes in the current or early solar system, development of measurement instrumentation, data analysis, or numerical modeling in support of planetary exploration missions. Candidates must have a strong commitment to research and teaching, a PhD degree in Planetary Science or a related field, and a minimum of three years of postdoctoral experience. Preference will be given to candidates with a prior faculty appointment, or equivalent qualifications, and a track record including a funded research program. The successful candidate will demonstrate excellence, or promise of excellence, in teaching and graduate supervision and be eligible for prompt appointment to the Faculty of Graduate Studies.

The new CRC position will be placed within a research environment that is unmatched amongst Canadian universities. The Centre for Research in Earth and Space Science (CRESS) has a track record for leading contributions to planetary missions that includes the LIDAR and meteorological instruments on the NASA Phoenix mission, and the OLA instrument for the NASA OSIRIS REx asteroid sample return mission that is planned for launch in September 2016. CRESS is also involved with atmospheric investigations from the surface of Mars with the current NASA Mars Science Laboratory. The facilities within CRESS have been built up with substantial support from the Canadian Foundation for Innovation over the past decade. A new planetary simulation facility is currently under construction and includes a thermal vacuum chamber for experimental research. Priority will be given to candidates with expertise that could be applied for analysis of the sample that will be returned from the asteroid during the OSIRIS REx mission.

The Canada Research Chairs (CRC) program seeks to attract outstanding researchers to careers at Canadian universities. Tier 2 Chairs are intended for exceptional emerging scholars (i.e., within 10 years of attaining their highest degree, with consideration for career breaks) who have the acknowledged potential to lead their field of research. Appointment to a Tier 2 Chair is for five years and is renewable once. Please consult the Canada Research Chairs website for full program information, including further details on eligibility criteria (<http://www.chairs-chaire.gc.ca/>).

Individuals interested in applying for the position should complete an online application at <http://lassonde.yorku.ca/new-faculty/>

A complete on-line application should include a cover letter, a detailed CV, a statement of research contributions, and the names and contact information of three people who have agreed to provide reference letters. To ensure consideration, complete applications must be received by **November 30, 2016**. Informal enquiries may be made to the Chair of the Department of Earth and Space Science & Engineering (Professor Regina Lee, reginal@yorku.ca) or the Director of the Centre for Research in Earth and Space Science (Professor James Whiteway, whiteway@yorku.ca).

All York University positions are subject to budgetary approval. York University is an Affirmative Action employer and strongly values diversity, including gender and sexual diversity, within its community. The Affirmative Action Program, which applies to women, Aboriginal people, visible minorities and people with disabilities can be found at <http://acadjobs.info.yorku.ca/affirmative-action/> or by calling the AA office at 416.736.5713. All qualified candidates are encouraged to apply; however, Canadian Citizens and Permanent Residents will be given priority.