



Department of GEOMATICS ENGINEERING

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Academic Career Opportunity

Title: Tenure-Track Assistant Professor, Geomatics Engineering

Location: Schulich School of Engineering, University of Calgary

Preferred Start Date: July 1, 2016

Position Overview

The **Department of Geomatics Engineering** in the **Schulich School of Engineering** at the University of Calgary is pleased to invite applications for a **tenure-track** position at the rank of **Assistant Professor** in the area of digital imaging systems, with a preferred start date of July 1, 2016. The priority research areas for this search are photogrammetry, LiDAR, integrated imaging systems, computer vision, simultaneous localization and mapping (SLAM), and vision-based navigation. The successful applicant will be expected to teach courses in these areas as well as fundamental courses in general engineering and geomatics engineering.

Assistant Professors will dedicate their time to teaching our undergraduate and graduate programs, continue to engage in high impact research, submit scholarly works to high quality publications, and provide service with the university and within our profession.

Qualifications/Requirements

Candidates must hold a Ph.D. in geomatics engineering or related discipline; a strong research track record; and evidence of potential for excellence in teaching at a university level. Candidates should have strong oral and written English communication skills. All program instruction is in English.

Candidates must be eligible for registration as a professional engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA). Information about becoming a professional engineer can be found at <http://www.applyatapega.ca/index.htm>

Application Process

Applications are encouraged as soon as possible, but will be accepted February 28, 2016. Review of applications will commence March 1, 2016 and continue until the position is filled.

Interested individuals are requested to submit a detailed curriculum vitae, academic transcripts and the name and contact information of at least three referees along with responses to the following two statements (each statement may be a maximum of 2 pages):

- i Teaching interests with respect to technical subject areas and how you would plan and deliver an undergraduate engineering course.
- ii Statement of potential future research activity, that includes
 - a. Research Objectives
 - b. Recent activity in this area
 - c. Methodology (how will the research be conducted)
 - d. Significance and potential impact of the research

Applications should be addressed to:

Derek Lichti, PhD PEng

Professor and Head

Department of Geomatics Engineering

Schulich School of Engineering

Applications should be sent via email to geomatic@ucalgary.ca

Salary is competitive and will be determined according to the successful applicant's accomplishments, experience and qualifications.

The University of Calgary believes that a respectful workplace, equal opportunity and building a diverse workforce contribute to the richness of the environment for teaching, learning and research, and provide faculty, staff, students and the public with a university that reflects the society it serves. We encourage all qualified applicants to apply, however preference will be given to Canadian citizens and permanent residents of Canada. In this connection, at the time of your application, please answer the following questions: Are you legally entitled to work in Canada (Yes/No) and are you a Canadian citizen or a permanent resident of Canada? (Yes/No)

About the Department

The Department of Geomatics Engineering is actively involved in all aspects of geomatics engineering and has 17 faculty members, some 120 graduate students, and approximately 50 students in each year of the undergraduate program. State-of-the-art geomatics engineering equipment and computer facilities are available. Offering BSc, MSc, MEng and PhD degrees, the Department has a strong

commitment to excellence in education and research. Related information can be found at <http://www.geomatics.ucalgary.ca>.

About the University of Calgary

The University of Calgary is a leading Canadian university located in the nation's most enterprising city. The university has a clear strategic direction to become one of Canada's top five research universities by 2016, where innovative teaching and groundbreaking research go hand in hand, and where we fully engage the communities we both serve and lead. The strategy is called Eyes High, inspired by our Gaelic motto, which translates to 'I will lift up my eyes'.

To succeed as one of Canada's top universities, where new ideas are created, tested and applied through first-class teaching and research, the University of Calgary needs more of the best minds in our classrooms and labs. We're increasing our scholarly capacity by investing in people who want to change the world, bringing the best and brightest to Calgary to form a global intellectual hub and achieve advances that matter to everyone.

About Calgary, Alberta

Named a cultural capital of Canada and one of the best places to live in the world, Calgary is a city of leaders - in business, community, philanthropy and volunteerism. Calgarians benefit from the strongest economy in the nation and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.