

**Proposal from Alberta Section for
Two Institute Of Navigation Scholarships at
Department of Geomatics Engineering, University of Calgary**

1. Background

The above academic department produces BSc, MSc and PhD graduates in geomatics engineering. Every year between 40 and 50 people graduate with a BSc. At any one time, 40+ graduate students, out of a total of 90, are involved in navigation research. Since the beginning of the series of ION-sponsored international student competitions held annually during the GPS conferences, over 40 MSc and PhD candidates from the department have won awards. Graduates from the program are involved in the navigation field across North America.

In order to continue to attract high quality students in the program, thereby contributing to the training and supply of high quality personnel in the area of navigation, two ION bursaries are proposed.

2. Institute of Navigation Undergraduate Student Bursary

Value: US \$1,250

Faculty or Fields of Study: Geomatics Engineering

Eligibility:

- Students entering 3rd year of BSc program
- Combination of financial need and academic merit, with a minimum GPA of 3.0/4.0, based on a minimum of 10 courses
- Based on at least five full course equivalents in the first year of Engineering
- Funding of tuition and books necessary for student learning

3. Institute of Navigation Graduate Student Bursary

Field of Study: Satellite Navigation

Value: US \$1,250

Eligibility:

- Graduate students in the Department of Geomatics Engineering
- Research on some aspect of satellite and/or integrated navigation systems
- Combination of financial need and academic merit, with a minimum GPA of 3.3/4.0, based on a minimum of 2 graduate courses
- Funding of tuition and books necessary for student learning

4. Administration and Selection

It is proposed that the above two bursaries be administered directly by the University of Calgary who has the proven knowledge and experience to ensure (i) wide publicity via its calendar and website, (ii) fair competition and selection rules, and (iii) appropriate payment to the students. Standard University selection procedures will be followed. The University will inform the ION Alberta Section of its selection on an annual basis.

Payment of US \$2,500 by The Institute of Navigation to the University of Calgary would be made on an annual basis in the month of September.

5. Start of Program

September 2003

G. Lachapelle
ION Alberta Section Chair

11 June 2003