

CE student gets CSCE award



Jonathan Irving, a student in civil engineering at UNB, recently received a Canadian Society for Civil Engineering (CSCE) Regional Award for having the highest grades in the last two years of his undergraduate studies. Irving graduated from UNB last spring. On hand for the award presentation are Mike Ircha, left, President of CSCE and UNB's assistant vice-president (academic), and Al Schriber, CSCE section chair and Director of Undergraduate Studies in the Department of Civil Engineering at UNB.

UNB intro psychology course goes online for accessibility

Accessibility is the key to new on-line psychology courses offered at UNB.

The psychology department is offering two of the growing number of UNB distance education courses as part of a student-oriented approach to education.

"Students should be able to take a distance education course from any part of the world," said UNB psychology professor and course instructor Don Fields. "And if they are working full-time, students should be able to set their own classwork schedules."

Anyone interested in registering for the courses or sampling Introduction

to Psychology I can do so at the course website, located at <http://www.unb.ca/web/courses/fields/>. The site provides a registration form, complete course information, answers to frequently asked question, and an entire sample module from the course. Prospective students can read the first chapter of the text, perform a lab exercise, write an assignment and review their progress with a quiz. Lectures for Intro to Psych I broadcast via satellite and cable. Readings are taken from a course text while review materials, assignments, quizzes and communication with instructors and students take place on the internet. A final exam is written

under UNB approved supervision. Fields encourages prospective students to visit the site and check out all of the course materials before registering.

"They should watch some of the lectures and review the web material to see if they like the approach," he said.

Although the courses count for credit at UNB and other Atlantic Canadian universities, students who are not in a degree program can also enrol.

"It's a great way for high school student or anyone who wants to take a crack at university-level courses to test the waters," said Fields.

Fields believes the courses will also appeal to international students, individuals who have been away from university for some time, and UNB nursing students who may substitute the online course for Psychology 1043.

Other user-friendly aspects of the

course include direct access to the instructor and to fellow students through e-mail and chat groups and a number of lab experiments.

"This allows for a level of participation that may not be possible in an introductory classroom," notes Fields. "Because our labs are set up on the web, students get hands-on experience with many phenomena important to a good understanding of psychology."

Drawing on his 15 years of experience teaching Intro to Psychology at UNB, Fields focused with project officer Daniel Hare on course components that would be internationally accepted.

"We chose the lecture series Discovering Psychology by Phil Zimbardo because of his excellent research reputation, his lecture style and the widespread acceptance of his video series at universities throughout North America," said Field.

UNB Forestry plans for future

A prominent Fredericton businessman and UNB Alumnus has been hired by UNB's Faculty of Forestry and Environmental Management to prepare a business plan for future development of the faculty.

Fred Bearsto will be looking at the financial viability of the faculty in terms of student population, staff complement, research opportunities and activities, prospective sources of funding and its overall administrative organization.

A final report is scheduled for completion within this academic year.

Alongside his business experience, Bearsto has served two teams on UNB's Board of Governors. He holds a bachelor's degree in Civil Engineering from UNB and a Masters Degree in Business Administration

from the University of Western Ontario.

The \$75,000 project is being paid for through private sponsorship from such companies as Abitibi-Price Inc., E. B. Eddy Forest Products, Irving Paper, Kimberly-Clark Nova Scotia, Corner Brook Pulp and Paper Ltd., Kruger Inc., and Stora Forest Industries Limited.

The final business plan will attempt to identify areas for innovation and change that will help sustain UNB's faculty of Forestry and Environmental Management in a pre-eminent position.

Last October, *The Globe and Mail's* Report on Business, in a survey of various Canadian Forestry faculties, ranked UNB first for job readiness of its students.

DO YOU SING OR PLAY A BAND INSTRUMENT?

The UNB Bicentennial Choir and the UNB Concert Band are looking for new members.

Band rehearsals: **Tuesdays 5:30-7 PM**, Memorial Hall auditorium
Choir rehearsals: **Mondays 7-9 PM**, Memorial Hall, room 23

For further information call 453-4697 for band or 459-8166 for choir.

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UNB Debating Union
General Meeting
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Tilley 303 - 7:00pm
January 16th
Come check us out!

The UNB Student Union's first meeting for the second term will be on Tuesday, January 14th at 5:30p.m.

Everyone is welcome, bring your camera. It could be exciting.

Dept of Geodesy and Geomatics lands ocean mapping contract

An American government agency has awarded a \$2 million contract to UNB in Fredericton for mapping the continental shelf.

The Pacific Marine and Coastal Surveys Team of the US Geological Survey awarded the five year contract to UNB's Ocean Mapping Group to help gather information on the North American west coast and around the Hawaiian Islands.

Larry Mayer, Chair of Ocean Mapping in UNB's Department of Geodesy and Geomatics Engineering says a three-dimensional computer image will be produced allowing viewers to fly under the water across the ocean floor.

John Hughes-Clark, also of UNB, wrote much of the software to collect, edit and clean up the data obtained.

UNB won the contract because its mapping team developed software to process high resolution multibeam sonar mapping data.

Experience with digital high-resolution swath mapping methods of data collection earned the UNB Ocean Mapping Group a world-wide reputation.

Traditional survey methods require a boat to pass over an area twice—once to measure depth of water, a second time to take an acoustic picture of the sea floor.

Swath mapping requires only one pass and covers a larger area.

SU joins fundraising project for person with special needs

The University of New Brunswick's Student Union has recently undertaken a fund-raising project; a first of its kind, according to it's President, Joie Hellmeister. Recently, Hellmeister was contacted by a local woman who explained that she has a special need. During the course of their telephone discussions, an agreement to pursue the project was made.

A former student at Saint Thomas University, and an advocate for rights of disabled persons, Carla Rockwell has lived with cerebral palsy since birth. Now retired, and living outside Fredericton, she was recently diagnosed with fibromyalgia, which is making it more and more difficult to function without extreme fatigue. It was recommended that she get a therapeutic bed to improve the quality of her life.

"In October I was quite ill with a lot of chest pain, and I thought it was just that my upper body was wearing out because of being over-used to compensate for my legs not working so well. I was seen by a specialist in Fredericton who diagnosed the new situation."

Rockwell is married and manages her own home, although differently and more slowly than many others.

"As long as I am able to move without a lot of pain, I'll be happy. And having a proper bed will certainly help me a lot."

Because she doesn't "fit" anywhere in terms of accessing assistance through various agencies for disabled persons, she decided to do it on her own. An afghan, using a honeycomb pattern and the UNB colors will be crafted by Rockwell and turned over to Hellmeister within the next few weeks. Tickets will be sold on this hand-made, double-size afghan, with part of the proceeds going to Rockwell to help her finance the costs of the therapeutic bed. The balance will be used by the Student Union for various projects yet to be determined.

Already, \$500 has been raised by a local Lion's Club in support of the cost of this special needs item. A portion of this money was the result of an afghan Ms. Rockwell contributed.

"I feel it is important for me to be as self-sufficient as possible, and I wanted to contribute in some way," she said. "I didn't want to get something for nothing." As well, Rockwell is negotiation with a company in the U.S. which has a subsidiary in Canada that services the Atlantic Provinces.

"I hope to be hearing from a representative soon, about prices. A new bed costs \$1,800.00 plus taxes, but maybe I'll get a break or something. I'm hoping things work out for me."

Students are invited to purchase tickets for this afghan in support of this worthy cause—helping another help herself. Tickets are \$1.00 each and will be going on sale soon. Anyone wishing to view the afghan is invited to contact Hellmeister at the Student Union Office.

Series on Family violence to air on community channel

Family violence is about the safety of women at university, schools, work place, at home and while traveling. 40 billion dollars are being spent annually in Canada on crime control.

The family violence series to air on the community channel is designed to increase awareness of the abuse of women and long term effects of witnessing by children. These programs are aimed at enhancing the reduction of all types of violence and its emotional, physical and economic consequences.

Host and community producer, Carmen Kilburn, who has recently been inducted into the Crime Prevention Hall of Fame, agrees with all of the fifteen guests on the 20 week series that we have to talk about family violence, causes and effects—and that awareness and education is needed now.

The informative series will air on every community channel in the province. Lieutenant Governor Margaret Norrie McCain will be featured in the series. In the Fredericton area, watch Channel 10TV every Tuesday at 9 p.m. beginning on January 7.

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