

## University Achievements

### UNB fares well in National Competition for post-graduate scholarships

The results of a national competition for postgraduate scholarships has a lot of people at the University of New Brunswick in Fredericton smiling.

"Of the 46 applications our university committee forwarded to the Natural Sciences and Engineering Research Council of Canada, 33 were successful," said Merrill Edwards, UNB's associate dean of graduate studies. "Calculated in awards per 1,000 students, UNB was the second most successful university in the country for the number of awards granted to students pursuing their first year of graduate study." Except for two years since 1983, the success rate of UNB students in competition for these prestigious scholarships has ranked the university among the top three in awards per 1,000 students.

Valued at \$15,600 a year and

renewable for a second year, these scholarships assist students with potential to pursue postgraduate studies in their area of interest. Approximately, 1,100 of the scholarships, which are awarded strictly on the basis of academic excellence, are available across Canada. The sponsoring government body, the Natural Science and Engineering Research Council, fosters scientific research in Canada through scholarships as well as research grants.

The other people who are feeling particularly happy with the results of the competition are the scholarship recipients. These 33 UNB students who have just completed their undergraduate studies in the faculties of computer science, engineering, and science earned a total of more than a half a million dollars to pursue graduate studies.

In addition to the first-time recipients, an additional eight postgraduate students studying at UNB received third-year awards, which are renewable for a fourth year of graduate study. One UNB student, Allan Carroll, who received his doctorate in forestry at Encaenia in May, was awarded

a postdoctoral fellowship valued at \$29,000 per year.

The success rates for both first-time awards and renewals, said Dr. Edwards, speak well of the high quality of education at UNB. "The 33 successful applications out of the 46 submitted gives UNB a success rate of 72 per cent - once again above the national average."

### State-of-the-art instrument comes to UNB

The chemistry department at the University of New Brunswick in Fredericton recently opened a new nuclear magnetic resonance (NMR) facility which contains one of the largest NMR spectrometers east of Montreal.

The new instrument will be used by physicists to unravel the physical properties of matter and by chemists to collect information about atom arrangement in sample compounds. This state-of-the-art high field instrument is the fourth NMR spectrometer to be purchased by the university in approximately 30 years. "This

new instrument has all the bells and whistles that will allow us to conduct more extensive research at the university," explained John Findlay, professor of chemistry at the University of New Brunswick. The older units are still being used by both graduate and undergraduate students at the university.

A team consisting of Dr. Findlay and fellow UNB chemists Jack Passmore and Zdenek Valenta as principal grant applicant, in addition to Larry Calhoun, a scientific officer in the chemistry department, received a \$325,000 grant from the Natural Sciences and Engineering Research Council to purchase a 300 MHz instrument. "The 300 MHz unit had no bells and only one whistle, so we set about trying to find ways to purchase the unit we wanted," Dr. Findlay said.

With additional funding by UNB's Third Century Fund, UNB's Pulp and Paper Centre, and other research laboratories in the region (the Research and Productivity Council, Forestry Canada, Agriculture Canada), the department was able to place an order for the 400 MHz

instrument. The group felt that the larger unit would best serve the needs of the university and the region. The purchase of this new instrument will allow the department to conduct research at a competitive level without having to wait for their samples to be sent elsewhere. This way research can be conducted more accurately and efficiently.

### Crime of the Week



This week, the R.C.M.P. in Newcastle and Crime Stoppers would like your help to shed some light on the following case.

It was July 3, 1992. At about 1:20 in the morning, neighbours of a cottage, owned by Mr. Gerald Tozer of Newcastle situated at Halcomb, Northumberland County, heard an alarm and noticed heavy smoke coming from the Tozer summer home.

Also noticed was a vehicle with round tail lights travelling north away from the cottages.

The Sunny Corner Fire Department was alerted, however firemen were unable to control the blaze.

The fire was intense and quickly spread.

Investigation by the fire marshal's office and police revealed that the point of origin of the fire was near the front entrance of the building. Investigators believe that the fire was set.

The 1990 summer home and its contents were destroyed, representing an uninsured loss of \$150,000.

An arson of this nature is a very serious crime. A crime, where someone maliciously set fire to someone else's property.

The police would like to know who was in the vehicle with the round tail lights, seen leaving the scene the morning of the fire.

Miramichi Crime Stoppers will pay a minimum \$1000 for information that leads to the arrest of the person(s) responsible for this arson. If you have any information concerning this case or information on any unsolved crimes in N.B., Please call Crime Stoppers toll free, at 1-800-222-TIPS. That's 1-800-222-8477. Only your information is important, not your name. Should your tip lead to an arrest, Crime Stoppers guarantees a cash award.

Call us today!

### Clarification

In the last issue of *The Brunswickan*, it was erroneously reported that Cara Foods Ltd. was the parent company of Pizza Hut.

Cara, which owns Beaver Foods, Ltd, has franchise agreements with Pizza Hut in Toronto-area institutions; these Pizza Hut restaurants are run in conjunction with Beaver Foods other operations.

The *Brunswickan* stands corrected.

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