

Newsbits

By Gordon Loane

Novell Outage planned tonight

The staff in UNB's Computing Services Department reminds students there will be a planned outage of Novell server Warhawk tonight, beginning at 7:00 p.m. until about midnight.

The purpose of this outage is to upgrade Warhawk to higher performance hardware.

This server is the primary DOS and Windows application server for student labs on campus. Users will be able to log on but drives N and O will not be available.

As a result, the Novell Application Launcher will not run properly and applications which reside on Warhawk will not be available.

Web mail and internet browsing should not be affected by this outage.

Caldwell to speak next Tuesday

The President and founder of Canada's largest executive search consulting firm, Doug Caldwell, will be the featured speaker at a free public lecture next Tuesday, October 10th, at 7:30 p.m. in the Grand Ballroom A and B of the Sheraton Fredericton Hotel.

The lecture, entitled "The War for Talent has been won!" is being co-sponsored by UNB's Faculty of Administration and the Investors Group.

A free public reception will follow the lecture. To reserve a seat, please call (506) 453-4869 by 12:00 noon today, Friday, October 6th.

Research dollars raised for Cancer

About 1,500 participants raised \$210,180 last Sunday in the annual CIBC Run for the Cure, held on the grounds of Old Government House on the Woodstock Road in Fredericton.

The money will go toward local research, education, diagnosis and treatment for women with breast cancer.

Dalton Camp tribute Wednesday

A tribute to well known columnist, author, political advisor and UNB Alumnus, Dalton Camp, will be held Wednesday, October 18th at 6:00 p.m. in the gymnasium of the New Brunswick Community College in Woodstock, N.B.

Dinner speakers expected to attend will include Premier Bernard Lord; Conservative Senator Lowell Murray; Federal NDP leader Alexa McDonough; former United Nations Ambassador and NDP politician Stephen Lewis; CBC Radio host Peter Gzowski, and MacLean's magazine columnist Allan Fotheringham.

Information on tickets can be obtained by contacting Gordon Porter at (506) 328-8957, fax (506) 325-2728, or glporter@nbnet.nb.ca.

80+ study at STU gets funding

Shoppers Drug Mart stores in the Fredericton area have donated \$5,000 to the Fredericton 80+ study being conducted by Dr. Bill Randall at St. Thomas University.

Former Student Advisor passes away

Eleanor Joyce Stocker, a former Overseas Student Advisor at UNB Fredericton, passed away suddenly last Friday.

She is survived by her husband Rupert; a son Martin of Calgary, Alberta; and two daughters, Jill of Millbrook, Ontario and Dinah of Fredericton; four grandchildren and two great-grandchildren.

At the family's request, there was no visitation or memorial service.

Donations can be made to the Grove Foundation.

Aitken Centre ice trouble delays game

Ice plant problems at the Aitken Centre forced the rescheduling of a pre-season hockey contest between campus archrivals, the UNB Varsity Reds and the St. Thomas Tommies, last Sunday.

The pre-season game was played instead on Monday, October 2nd, at 7:00 p.m. at the Aitken Centre. STU won the game, 4-1.

Beaverbooks available now!

UNB students are reminded that the Beaverbook, which contains a year-long planning calendar and other campus information, is still available free of charge at the Paper Trail on the second floor of the SUB.

UNB Orientation gets new home

The UNB Orientation Committee is now situated in a new office in Room 32 of the SUB on the Fredericton campus (the former office of *The Aquinian*).

First year students who have not yet collected their frosh kits but still have bracelets, may drop by the Orientation Office from Monday to Friday during lunch hour.

Aquinian moves to Beaver Wing

The St. Thomas University student newspaper, *The Aquinian*, is now located in new offices formerly occupied by Beaver Foods Limited on the west side of the SUB.

The move to new facilities, which took place earlier this week, will allow the paper to gain a separate outside entrance to its offices and in the near future, acquire its own photo darkroom.

The phone number for *The Aquinian* remains the same, 460-0300.

STU seeks Homecoming Volunteers

St. Thomas University is looking for volunteer alumni, students, and community members, to help with the organization of Homecoming 2000 alumni celebrations from October 20th to the 22nd.

Volunteers are being sought to help with registration, set-up, cleanup and decorations, at all events, as well as help with the courtyard barbecue.

For more information or to volunteer, please contact Sheri Shannon, Alumni Affairs Officer, STU at (506) 452-0602 or by e-mail at shannon@stthomasu.ca.

UNB joins a nation mourning the passing of Pierre Elliot Trudeau

Robin Duguay

The Brunswickan

There has been a national outpouring of emotion this week for the passing of former Canadian Prime Minister, Pierre Elliot Trudeau.

Trudeau, 80, died in his home Thursday, September 28th. He was suffering with Parkinson's disease as well as prostate cancer.

Trudeau was known for his charismatic ways and lightning-quick wit, which he demonstrated through remarks such as "I only said fuddle duddle," and "just watch me." As well as being one of the most colourful prime ministers Canada has ever seen, he was also a very dedicated politician. Among his many accomplishments

Trudeau was responsible for the huge task of repatriating the Charter of Rights, and was also very passionate about Canada being a bilingual nation.

"Trudeaumania" was the result of his unique mannerisms, his ever-present lapel flower, his cape, and his so-called arrogance.

"He caught the imagination of the Canadian people," reflects Professor Conde Grondin, a former professor of the UNB Political Science Department. "He was what the people wanted. [He was] charismatic, interesting, intriguing... and full of beans. He played a pivotal role in Canadian politics to hold the country together."

Professor Stephen Patterson of the UNB History Department

believes that one of Trudeau's accomplishments which has not been emphasized much was his interest in North and South dialogue. "He thought that the North should do more for the Southern hemisphere by way of International Development. Trudeau emerged as a proponent of a kind of consciousness to those people. We see immigrants praising Trudeau; but it goes beyond that."

Patterson was present at the 1984 Liberal National Leadership Convention and was very impressed by the way Trudeau spoke for three quarters of an hour extemporaneously. "It was a mark of his intelligence, being able to deliver a well composed speech without notes. He knew what he wanted to say."

Throughout his life Trudeau fought for the things he believed in, despite strong opposition. For example, one of the very first acts of Trudeau's government was to introduce an omnibus bill which opened up divorce, decriminalized birth control and homosexuality, and permitted abortion under circumstances that protected doctors. "The state has no place in the bedrooms of the nation," he said.

Though his life has come to a close, it is inevitable he will live on through his accomplishments, many of which still impact Canadians today. To paraphrase Jean Chretien's words after the funeral October 3rd, "We have lost the greatest Canadian political figure of this century."

Ceremony next Friday

UNB Associated Alumni honour three

Gordon Loane

The Brunswickan

The UNB Associated Alumni will bestow its most prestigious award

on three active and dedicated alumni members next Friday, October 13th.

Barbara Baird, Doug Beairto, and Richard Clark, all of Fredericton, have been named to receive 2000 Alumni Awards of Honour for being instrumental in furthering the goals of the UNB Associated Alumni.

They will be recognized at a special ceremony starting at noon in the Wu Conference Centre on the UNB Fredericton campus.

All alumni and friends are welcome to attend the ceremony and reception celebrating this year's recipients.

Those planning to attend are requested to RSVP their intention by calling (506) 453-4847 during business hours by Tuesday, October 10th.

The Alumni Award of Honour was established in 1971 to recognize the important role played by alumni in promoting UNB and helping it to achieve and maintain its position of prominence among Canadian universities.

Barbara Baird, a lawyer, graduated from UNB with a Bachelor of Arts in 1974 and a Bachelor of Laws in 1976. She has been involved with the Associated Alumni in many capacities including Secretary of the UNB Alumni Council, President of the Associated Alumnae for two terms, a member of the UNB Board of Governors for two terms, and as co-author of the 1989 report on the future of the UNB Associated Alumni.

As leader of the Progressive Conservative Party of New Brunswick from 1989 to 1991, she was the first female leader of a

provincial PC party in Canada. She was also the founder of the New Brunswick Chapter of Grandparents Requesting Access and Dignity.

Her current volunteer achievements include serving as Vice-President of the Fredericton Women's Executive Club and as a member for Literacy New Brunswick Inc., and the Canadian Paraplegic Association.

Doug Beairto began his involvement at UNB in 1969 when he became the volunteer Chief Engineer at the campus radio station, CHSR.

He helped the station develop from a closed circuit operation to AM broadcasting in 1972 to FM broadcasting in 1981. He was made an honorary life member of Radio UNB-CHSR FM in 1994.

His other continuous UNB volunteer involvement has been with the Red 'n Black revue. Beairto was Co-Director of the successful Homecoming 2000 performance of Red 'n Black.

Around his alma mater, Beairto serves as a consultant on the design and installation of sound systems for facilities on both campuses and provides technical support for all major events at UNB's Aitken Centre.

After graduating from UNB in 1980 with a Bachelor of Computer Science, Beairto began working for the UNB Computing Services Department, where he is currently head of micro computer support, responsible for computer purchases.

Since 1994, he has been an active member of the Associated Alumni Council and is its longest continuous standing member.

Richard Clark graduated from UNB in 1964 with a Bachelor of Civil Engineering.

As a UNB student, he played

on the UNB Red Devils varsity hockey team from 1959 to 1963, was captain in 1963, and a member of the team when they were the Atlantic Champions in the 1959-60 and 1961-62 seasons.

Clark was also captain of the UNB Red Bombers Varsity football team in the 1962-63 season and played when they won two championships.

He was the recipient of the Corbett Medal in 1962-63.

Currently, he continues membership in the "Friends of Varsity Reds Hockey," and the "Adopt a Varsity Player" programs.

From 1971 to 1977, Clark was a member of the Associated

Alumni Council serving consecutively as second Vice-President, first Vice-President, and President from 1974 to 1977.

A member of the UNB Board of Governors from 1977 to 1980, Clark served on the presidential search committee in 1980.

A tireless volunteer for such agencies as the YMCA, the United Way, CNIB, Fredericton Foundation and Fredericton Sports Investments to name just a few, Clark was honoured in 1993 with the Distinguished Citizen Award by the Fredericton Chamber of Commerce in recognition of his community involvement.

Scholarship awarded

Gordon Loane

The Brunswickan

Diana Barbara Loomer of Quispamsis, N.B., is the recipient of the Fred Klidas - A.L. McAllister Scholarship for Geology or Geological Engineering. It is awarded annually to a full-time student on the UNB Fredericton campus.

Loomer is a fifth-year student enrolled in the Bachelor of Science degree program, majoring in Environmental Geochemistry. This is the second time in a row Loomer has been the recipient of the scholarship.

The scholarship is named after Dr. McAllister, Professor Emeritus and former Chair of the Department of Geology.

The scholarship is funded by Fred Klidas, a senior member of the Chemical Institute of Canada, an honorary member of the President's Associates at UNB, and a sponsor of the annual Nobel Prize lectures.



Special to The Brunswickan

Klidas also funds a scholarship in memory of his parents, Catherine and Chris Klidas in Greece for the student who achieves the highest marks in Chemistry, Physics and Geometry. In addition, he funds another scholarship in the Faculty of Philosophy at Aristotle University of Thessaloniki, Greece.

UNB accurately maps Reversing Falls

News Staff

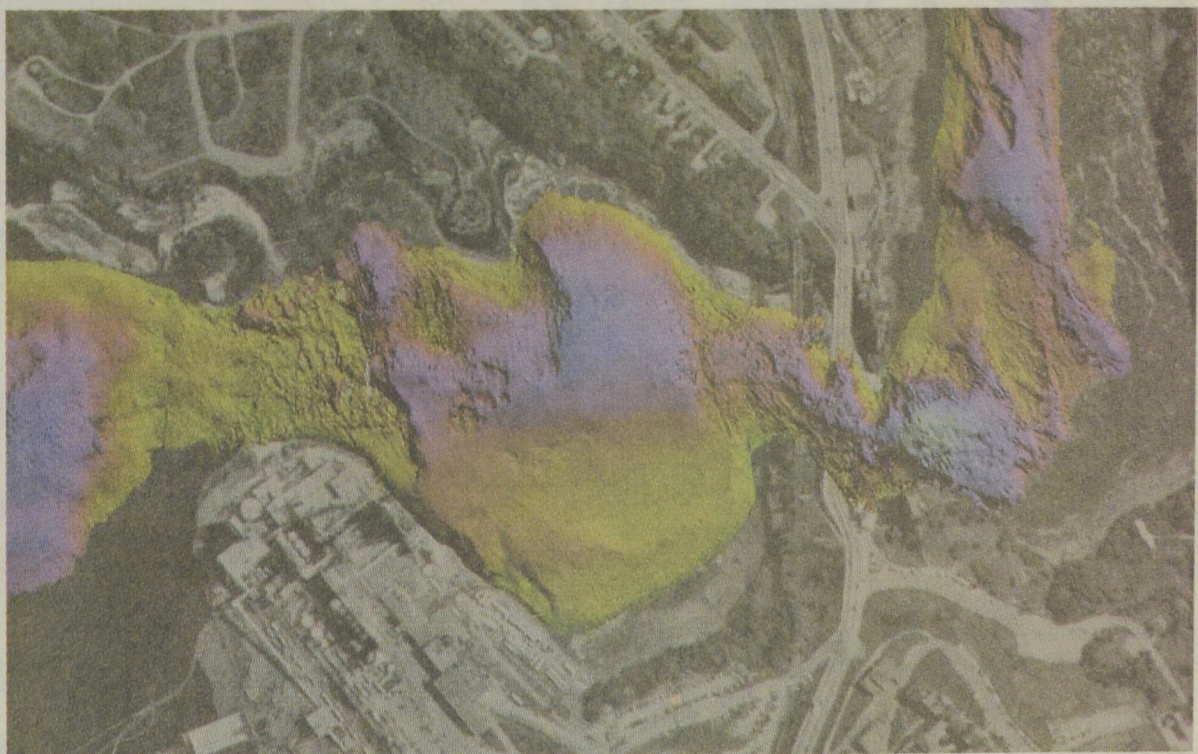
The Brunswickan

For the first time, thanks to a project coordinated by two UNB professors in Geodesy and Geomatics Engineering, the Canadian Hydrographic Service (CHS) was able to produce truly accurate maps of the Reversing Falls, a critical navigational channel at the mouth of the St. John River.

The Reversing Falls, at Saint John, New Brunswick, are one of nature's more spectacular phenomena. The massive tides of the Bay of Fundy battle the enormous outflow of the St. John River. Unlike most estuaries, where the river and ocean mix gradually, a massive rock outcrop restricts and focuses the exchange of water.

So intense is the exchange that, when the tide is low, the gorge is a waterfall flowing into the sea. Toward the top of the tide, however, the sea level rises above the river level and the falls reverse. Only for two periods of about 10 minutes on every tidal cycle is there a brief moment of standing water at the falls, during which vessels may transit, in this case to conduct an underwater survey.

The image (right) shows an underwater survey of the most turbulent part of the falls. It was done using a CHS survey boat equipped with a multibeam sonar system. What makes this survey particularly unique is the use of a differential GPS (DGPS)-aided



Geodesy and Geomatics Engineering Graphic / Special to The Brunswickan

A false colour topographical map of the Reversing Falls.

inertial navigation system (INS). The package consists of an inertial measurement unit integrated with two 12-channel GPS cards. The two-antenna solutions are used only as long-period control on the horizontal position and azimuth of the vessel. The output navigation (provided at 100 Hz) is an inertial navigation solution aided by the DGPS.

The big complication in transiting the Reversing Falls is the extreme bounding topography and the presence of two closely spaced

bridges that serve to mask satellites at precisely the most critical point. The aided INS solution, however, is insensitive to short-period (less than one minute) GPS outages. The INS effectively acts as a flywheel during loss of (or erroneous) GPS solutions. This occurred repeatedly for periods of several tens of seconds each time the survey launch passed under the falls bridges or close to the steep shore.

And so, for the first time, through the use of combined inertial and GPS technologies, the CHS was able to

produce truly accurate maps of this critical navigational channel. These will be used to allow larger vessels, which previously would not consider the transit, to enter the St. John River.

The project coordinators were John E. Hughes Clarke and Marcelo Santos of the Department of Geodesy and Geomatics Engineering. The boat driver, whose expertise made the project possible, was Carmen Reid, Canadian Hydrographic Service (CHS), Bedford Institute of Oceanography, Dartmouth, Nova Scotia.