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Convocation Supplement

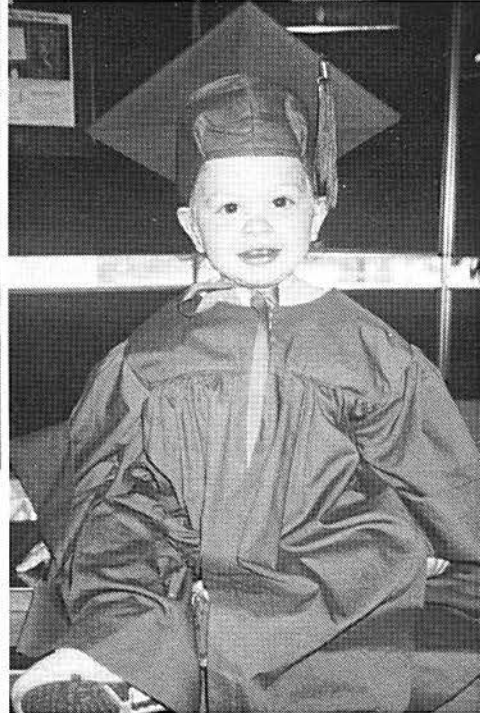
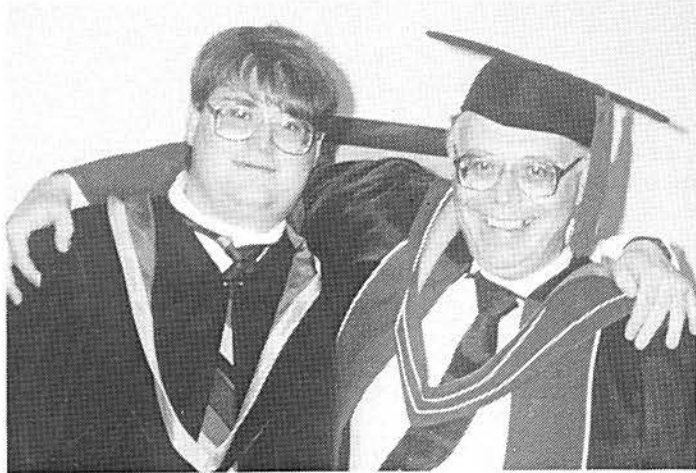
..... Centre Pages

See You in September!!

Lakehead University Agora

THUNDER BAY, ONTARIO VOL. 9. NO. 6 JUNE/JULY 1992

Graduation smiles

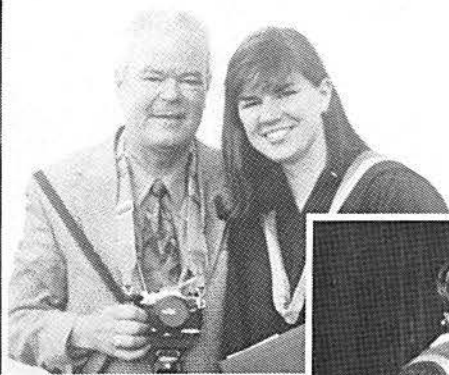


The pride

the hope

the effort

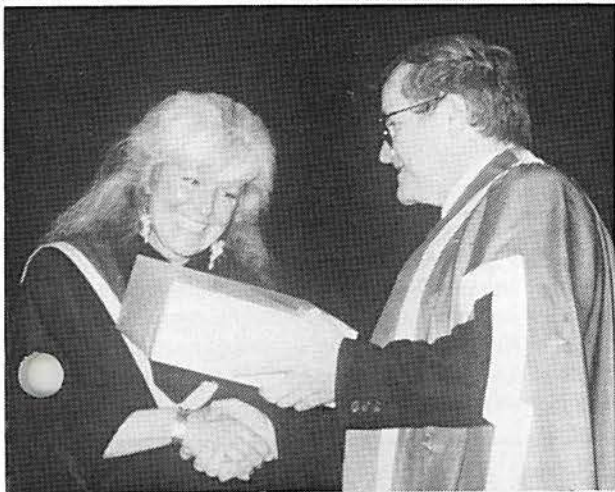
the achievement



the joy

and

the jingle!



Turn to the Convocation Supplement to discover the identity of these convocation smilers (and others).

Report From the President



Safety First at Lakehead University

During the past year, an analysis of workplace safety has been undertaken for consideration by the Labour/Management Committee. This review was motivated by three major concerns - the number of lost time accidents at Lakehead University (a lost time accident is defined as one in which the worker does not return to work the next day or the next scheduled employment date), the impending retirement of our Health and Safety Officer in Human Resources and, as well, concern with additional fee levies from the WCB (Worker's Compensation Board) based on our experience.

This analysis is more or less complete now, and it is clear that Lakehead University has to become more progressive as an employer in terms of promoting safety in the workplace, effecting more structured, defined and known procedures for dealing with workplace injuries and, finally, putting in place a modified work program which will benefit the injured worker as well as the University.

Over the coming months, the Labour/Management Committee will be tackling each of these areas, and I feel that, by working together, we can reduce significantly workplace injuries. A major step forward is to convince you that, just like a pulp mill, accidents can happen at a university. To date this year, we have recorded 11 lost time accidents and, in future issues of the "Agora", regular statistics related to lost time injuries, medical aid and modified work placements will be reported.

Money Update

Not too much new in the lack of money department, with the exception that Lakehead University has submitted a total of five proposals totalling \$1.610 million to the M.C.U. Transition Fund. Across the Province, 152 proposals totalling \$74.8 million have been submitted to the approximately \$22 million fund. Results are expected to be announced by the end of July.

The priority rankings approved by the Labour/Management Committee for the Lakehead University proposals were as follows:

- 1) Energy Efficiencies;
- 2) Administrative Efficiencies;
- 3) Early Retirement/Voluntary Exit Initiatives;
- 4) Distance Education Linkages to Northwestern Ontario;
- 5) Faculty and Staff Training Initiatives.

Unanimous vote

The Board of Governors unanimously passed a motion on June 18 thanking the faculty and staff of Lakehead University for the spirit of cooperation that resulted in their voluntary contribution toward reducing the \$1 million deficit in the 1992/93 budget.

Treeing the Campus

A special thanks to Canadian Pacific Forest Products (Wally Vrooman, Vice-President of Environmental Affairs) for the donation and planting of 100 trees each year on campus in honour of the graduating class. A broad constituent committee is being established to plan the various planting locations over the years. Dr. Ken Armson, retired Chief Forester from Ontario and Honorary Degree recipient from Lakehead University (1991) has agreed to be Honorary Chair of the Committee.



A little shower did not stop the ceremonial planting of the "Graduation Tree", the first of the 100 trees which will be donated to the University each year by Canadian Pacific Forest Products. The "greening" initiative was celebrated by Chancellor Lois Wilson who gladly shovelled the soil into place under the watchful eyes of, right to left, President Bob Rosehart, Dr. John Naysmith, Director, School of Forestry, Mr. Bill Roll, Regional Manager, Forestry, Canadian Pacific Forest Products and Albert Hovingh, member of the 1992 School of Forestry graduating class.

HAVE A SAFE AND ENJOYABLE SUMMER.

ONWARD HO! Mackenzie Expedition leaves on Third Leg of Journey

After a quite few hibernating winter months, wondering whether or not funding would come through for the third phase of the Mackenzie Expedition, the group was granted monies via *The Knowing Canada Better Program* sponsored by the Minister of State. Once this initial funding was secured, other sources came on board including the North West Company (food) Canadian Pacific (Ground Transportation), Sun Rype Foods and by MPs Joe Comuzzi and Iain Angus via the Minister of State for Youth's SEED grant program. This funding could not support the initial plan of having 24 students and three canoes travel the 3000 km trek however, so a scaled down nine member 1992 Canada-Sea-to-Sea Expedition left Winnipeg on June 5 on the third leg of the journey.

The Sir Alexander Mackenzie Canada Sea-to-Sea Bicentennial Expedition is a nationally sponsored four year project designed to commemorate the 100th anniversary of the first recorded crossing of Canada from sea to sea. The modern day voyageurs will follow the same watery highways that Mackenzie travelled so long ago, paddling from Winnipeg, Manitoba to Peace River, Alberta. In 1989, 25 Lakehead students paddled 3500 km from Fort McMurray, Alberta to the Arctic Ocean, re-enacting Mackenzie's first journey down the river that now bears his name. In 1991 a group of 36 travelled 3400 km from Lachine, Quebec to Winnipeg, Manitoba. On July 22, 1993, exactly 200 years after Mackenzie's arrival, a group of LU students led by Professor Emeritus Jim Smithers will reach Mackenzie's Rock near Bella Coola, British Columbia. A celebration of that great event is already in the planning stages.

The expedition is an advocate of the federal government's Stay-in-School campaign designed to create awareness about Canada's 30% dropout rate and to encourage youth to stay in school and has joined forces with Canada 125 as an endorsed national project. The students promote these messages and are bringing part of Canada's rich heritage to each community through their dynamic fur trade roadshow.



Native Summer Programs *Lakehead University brings together Aboriginal peoples from Ontario, Manitoba, Quebec, Michigan, Wisconsin and Minnesota.*

From July 2 to July 31 an exciting event will unfold on the campus of Lakehead University helping first Nation People rediscover their ancestral voices. Approximately 250 students, young and old, will gather to share their languages and cultural heritage. Whether speaking Ojibwe or Cree, Mohawk or Cayuga, natives will be developing their language skills and learning how to teach others. The Native Language Instructor's Program has three separate programs: Native as a First Language Diploma, Native as a Second Language Diploma and Native Language Teacher's Certification. With support and funding from the Ontario Ministry of Education and Department of Indian Affairs, the goal is to increase the number of Native Language teachers. According to the program coordinator, Barbara Toye-Welsh, 98% of those who successfully complete the programs are employed.

The Children's program is offered free of charge to about 90 enthusiastic youngsters. Approximately half of the children travel to Thunder Bay with their parents who are enrolled in the instructors' programs. Children attend language school every morning (NSL) and spend the afternoons in activity-based cultural experiences with community

leaders and elders. Out of town students live on campus in residence during the one month program.

This summer Toye-Welsh has been able to bring in two very special language experts. Sonny Mikaere is a Maori who has achieved international recognition for the development of "language nests" in New Zealand. Language instructors went into the villages and gathered the elders and developed a program for them to teach the children who were losing their language. The term language "nest" was used because a nest is a warm, comfortable and nurturing place and that seemed to best describe the program. Mikaere and others started their grassroots program in the 70's and today it's been approved and adopted by the Ministry of Education in New Zealand.

The other lecturer is a teacher from Delhi, an incredible applied linguist who speaks over 200 variations of Indian languages. Toye-Welsh met him in Cape Town, South Africa and observed his workshop which she says "enamours the student with language - not grammars one to death. He will be teaching the language instructors how to engage their students in the joy or working in and with their new language."

Says Toye-Welsh, "it doesn't matter where I go, people are so amazed about what we're doing and the results we're getting."

New Program for Japanese Offered

It was five years in planning, but in May 1992, students from Gifu University for Education and Language in Gifu, Japan, arrived in Canada to spend 12 weeks in what is called "an intensive Canadian cultural immersion program". The program consists of a series of topics ranging from Canadian history, literature, geography, politics, local government and life in northwestern Ontario to the importance of the railroad, cultural institutions like the CBC, status of women in Canada and Native art and literature. The Japanese students are English majors who will have ample opportunity to practise English language skills in small groups with Lakehead University student monitors in addition to attending daily lectures. This expanded program supplements the original 4-week language immersion program which will also run again this summer. For the first time the Department of Continuing

Education will offer an intensive 2-week course in Japanese taught by Japanese faculty.



Just after her arrival at the University, Midori Nishimura was greeted with a surprise birthday cake.

WHAT'S HAPPENING IN THE LIBRARY!

TREECD

Have you tried TREECD - one of our periodical indexes now available on CD-ROM (Compact Disc - Read Only Memory) in The Chancellor Paterson Library? This disc corresponds to the printed Forestry Abstracts, Forest Products Abstracts, and Agroforestry Abstracts. This disc provides access to over half a century of literature in ecology, forest management, agroforestry systems, pests, diseases, biology and genetics of woody plants, wood properties, production, properties and marketing of forest products. Contact the Search Services Librarian at 343-8129 for more information.

SEARCH THE LIBRARY'S ONLINE CATALOGUE FROM YOUR HOME OR OFFICE!

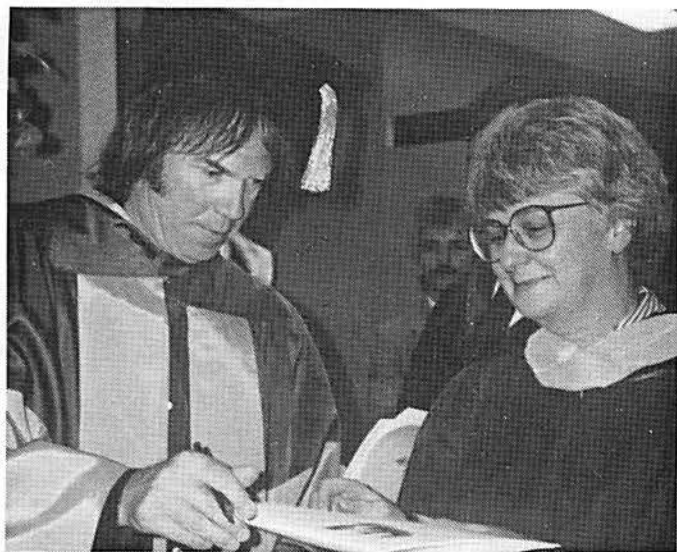
Lakehead University Library's Online Catalogue provides up-to-date information on the holdings of The Chancellor Paterson Library and the Education Library. Books, government documents, atlases and reserve materials can be identified using the Online Catalogue.

The Online Catalogue can be searched from locations on campus as well as off campus with the appropriate communications software and a microcomputer with a modem. Access is available to Lakehead University students and faculty, other library and external users.

For more information about accessing and searching the Online Catalogue, pick up a brochure at the Information Desk on the Main Floor of The Chancellor Paterson Library.

TOURS

Did you know that the Reference Department of The Chancellor Paterson Library offers guided tours and instruction sessions? If you would like to arrange for a tour or session contact the Orientation Librarian at 343-8147.



Book signing

Professor Marg Boone didn't mind asking Neil Young for his autograph on her Convocation program. The Atikokan native admits she's a fan.

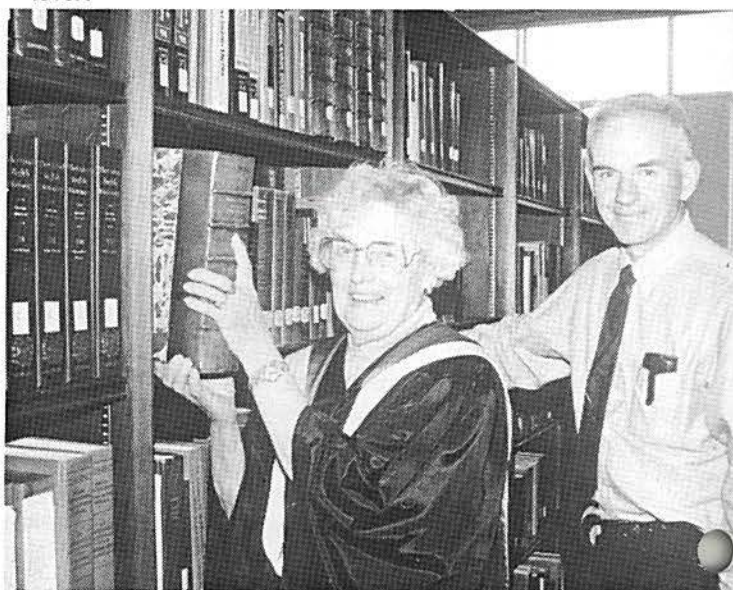
STUDENT RETURNS TUITION - with stipulation money is used for books!

Tillie Hurrell did not have to pay university tuition these past few years. For students 60 and over, paying fees is optional. But every year the masters English student gave the Alumni Association a cheque in the amount equivalent to tuition. Her only requirement was that the money be used for library books. This amazing 79-year old holds fast to her parents' belief that "education is not only your most portable possession, but it is also a possession which no one can take from you."

During the past few years, Tillie has had recurring bronchitis, a broken arm which required a pin and orders from her ophthalmologist to "quit that course immediately - your eyes are too bad". Little wonder that the minute she received a call from Professor Bill Heath that she had met all the requirements for her Master of Arts and would graduate this spring, she immediately called the office of the Crown Prosecutor (her son Peter Hurrell) and left the following message, "tell him his mother called and said 'I DID IT'." Dr. Heath, her course supervisor, said she added a tremendous amount to every class she was in, challenging the instructors and empowering other class members. She asked lots of questions and "was the least docile student I ever had". Her final course requirements included a six-hour comprehensive (three hours in Canadian literature and three hours the next day in American Literature) and a language (other than English) proficiency exam. This daughter of Swedish and Norwegian immigrants took hers in Swedish.

Tillie Hurrell says that if her own eye problems improve she might get coaxed back on campus to be a reader for visually impaired students. When you love books and learning as much as Tillie it becomes a labour of love.

Chief Librarian Fred McIntosh had a surprise visit from Tillie Sandberg Hurrell the day she went to pick up her Convocation gown. Meeting for the first time, they decide to pose in the Reference section - a well-used part of the library for this book lover.



Ted Garver

Dr. Ted Garver recently joined the Centre for Northern Studies as the resident Chemist. It is a joint appointment with the Department of Chemistry. Originally from Cleveland, Ohio, Garver received his Bachelor's degree and PhD from the University of Minnesota. His Post-Doctorate work was done at Massey University in New Zealand as well as the Universities of Rochester and Nebraska. Garver's research is in wood chemistry. "I'm looking at structural transformation of the wood components during pulping and bleaching and biodegradation. The position is not an ordinary one (with the joint appointments and the research). They looked for two years before filling the spot." It is Garver's first full-time academic position. At present he is developing a course in Chemistry of Northern environmental problems, a course for non-science majors. "It's interesting and challenging to create a course that is open for everyone to take. I'm reading thousands of articles." Garver likes to spend the hours away from work canoeing and fishing and occasionally visiting his cottage in Northern Saskatchewan. A photography buff, he works mostly in black and white and does his own developing. Garver stays active by cycling to work and playing squash. Presently Garver and his wife Colleen Holloran are eagerly awaiting the arrival of their first baby, due this month.



Pasi Pinta



By now Pasi Pinta should be a familiar face around campus as the Faculty Computer Advisor for Computer Services. Pinta graduated from Lakehead University in 1991, receiving his Bachelor of Science degree with a major in Computer Science. Born in Seinajoki, Finland, a city located about 100 kilometres from the coast, Pinta moved with his family to Thunder Bay in 1980. He attended Port Arthur Collegiate

Institute. "There seems to be some connection in Computer Services with P.A.C.I. Almost everyone that works there attended the school and has Finn blood," laughed Pinta. "We're all spies for Finland and we want to make Thunder Bay a colony." Pinta's responsibilities include assisting faculty, staff and students with computer related problems. He installs software at various levels and is closely involved with the building of a cross-campus network. "I also do some program development and modifications and teaching of Word Perfect and DOS." In his spare time Pinta likes to keep active - very active. "I like to ski 12 months of the year - both on snow skis and roller skis. I enjoy different racquet sports like tennis and squash, curling, playing baseball and golfing." He is also an avid reader of many different forms of literature. "I like Alistair Maclean books and a lot of Finnish titles." In the future Pinta would like to travel more - he spent the last three summers working in Finland for a multinational corporation - but would like to see more of Europe.

LU wins final Shell Fuelathon

Due to the recession, Shell cancelled the Fuelathon in October 1991. However several universities and colleges petitioned Shell to permit the competition to continue for one more year. Shell responded and hosted the event on May 22 and 23, 1992. Although the results are considered unofficial by Shell, LU came out on top with a fuel economy of 1422.5 mpg, the fourth best result for an LU vehicle since 1982.

The Shell Fuelathon opened the Special Class to university and college students in 1980, and in 1982 the Department of Mechanical Engineering entered its first of ten competitions with LULU.

Twelve cars participated in this final Shell Fuelathon. The event was held without the fanfare and publicity normally associated with the competition. However the Shell officials took great care to conduct the event as if it was an official competition.

Lakehead University's entry Unity/



Unity/Unite and the team members (from left): Frank Schauble, Nathalie St. Amour, Dr. Seimer Tsang and David Glasspoole.

Unite achieved a fuel economy of 1422.5 miles per imperial gallon of gasoline (0.1986 L/100 km), better than the closest competitor at 1244 mpg brought in by the University of California at

Davis (1991 winners). Says Dr. Tsang, "It's the end of a tradition but we hope to go to the U.S. for a similar competition to show our talents. We are aiming for the 1993 SAE Super Mileage Competition in Michigan."

Name That Building (for only \$250,000)

Admittedly the tinted glass gives it an unoccupied look but the building with no name, which now houses the Departments of Music and Visual Arts, is open for business. And behind the scenes a dedicated fundraising committee is carrying out their ambitious plan to raise \$500,000 for the "inner workings" of that building.

The Regional Co-chairs of the Music and Visual Arts Centre Campaign are Annette Augustine and Syd Halter, well-known supporters of both the arts and Lakehead University. Mrs. Augustine, a graduate of the Ontario College of Art, has been "involved with the arts forever" and is a great proponent of having the Departments moved back to the campus "where students can now participate fully with university life". She also explained that having the music concerts back on campus will benefit the university community and public. Her face lights up when she describes what is perhaps the best example of how everybody is enriched with the existence of a strong music and visual arts centre on campus: "I recently heard that a forestry student is taking a music elective and an engineering student has signed up for a visual arts course."

A retired engineer and past-president and general manager of C. D. Howe Central Ltd., Syd Halter brings his business and Board expertise to the Campaign. "Having been on the Board during the dearth years, I find particular pleasure in watching the new buildings going up. It's tremendously exciting to see the boom."

"Don't forget, we're not doing this alone. Our Regional Chair is Arthur Black and we have an additional 25 supportive individuals from all walks of life."

Do they have concerns about raising \$1/2 million with the existing economic climate? Mrs. Augustine thinks it's easier to raise money for a specific campaign and argues that people consider education a critically important cause and really want to help. She added: "Don't forget, we're not doing this alone. Our Regional Chair is Arthur Black and we have an additional 25 supportive individuals from all walks of life".

Pledges to the Campaign are over a 5-year period but the Committee hopes to have the "ask" completed by the end of the year. If someone wants to give to the Campaign they have a grab bag of options from a \$250,000 naming of the building opportunity to \$29.95 compact discs. They can also start a scholarship or bursary, purchase a piano, computers, books, lockers, stereo equipment, etching presses, art history videos, pottery wheels, kilns, or select from a list as long as the imagination. The Augustines' donation included a skeleton, "which seems appropriate for an artist and a physician," she laughed. Both are optimistic about reaching the goal.

"The response has been so enthusiastic. With \$130,000 pledged, we're one-quarter of the way there and we feel very confident."

"It's a team effort" agree Annette Augustine, right, on a tour of the painting studio, and Syd Halter, who tries to drum up a little support for the Campaign.



The Regional Co-Chairs take a breather with JoAnne Silverman.

Music & Visual Arts Centre Campaign Committee



National Chair
Arthur Black
Regional Co-Chairs
Annette Augustine
Syd Halter
Committee Members
Dr. Glen Carruthers
Mr. Ray Colosimo
Dr. J. Colquhoun
Mr. Doug Drake
Dr. Jim Gellert
Mr. Jim Jack
Mr. Ben Kaminski
Dr. Dan Klassen
Dr. David Legge
Mrs. Tracey Marks
Mrs. LaRea Moody
Mr. Glen Mossop
Mrs. Etoile Naysmith
Mrs. Marg Neelands
Ms. Mary O'Rourke
Dr. Penny Petrone
Dr. Bob Rosehart
Mr. John C. Russell
Ms. Jo-Anne Silverman
Mr. Bill Tomlinson
Mr. Joe Vanderwees
Professor Pat Vervoor
Mrs. Marilyn Watson
Dr. John Whitfield

RESEARCH NEWS

JUNE 1992

FUNDING FOR RESEARCH CENTRE(S) AVAILABLE AT LU

Annually, Lakehead University receives an Aid To Small Universities Grant from the Social Sciences and Humanities Research Council (SSHRC). The stated purpose of the Small Universities Program is to encourage focused development of research capacities in small universities. SSHRC recognizes the very limited resources and numerous obstacles to research development in small universities and favours a coherent strategy of funding of the most promising areas of activities.

In light of the continuous emphasis on interdisciplinary research by the Federal Research Councils, Lakehead University will be allocating a portion of the Aid to Small Universities Grant (\$8,000 - \$10,000) for start-up funding

for the development of one or two interdisciplinary research centres that would have focused objectives eligible for external SSHRC funding (see SSHRC program manual for eligibility).

To apply for these start-up funds, the principal investigator(s) must be eligible to apply externally to SSHRC (see the Research Office if you have any eligibility questions) and proposed research centres must demonstrate the following:

1. an interdisciplinary research focus; and

2. how the proposed Centre will develop, improve and expand the capacity for scholarly research in the social sciences and humanities at Lakehead University; and
3. potential to attract external funding

Centres will be eligible to receive up to \$10,000 which can be used to develop external funding proposals. Possible funding can include expenses related to: 1) networking with other scientists at other universities; 2) carrying out feasibility or preliminary research needed to be successful in external competitions; 3) developing and organizing research methodology sessions that will enhance capabilities to develop a successful external project.

Interested researchers are asked to contact the Research Office to obtain application forms. The deadline for submitting applications is: **August 14, 1992.**

NSERC NEWS

Request for Advanced Materials - Deadline: August 15, 1992

Researchers who did not apply last year or new faculty appointments planning to apply to NSERC in the fall competition, should see Anne Fiorenza or Kelly Morris from the Research Office to obtain the required forms. All other NSERC researchers should have received all Advanced Materials Information in the mail. **Please note: Researchers who do not submit the advanced materials will be considered ineligible to apply to NSERC in the Fall competition. Program Name Change**

The Operating Grants Program has a new name: it is now called the Research Grants Program. Its objectives remain the same: to assist in the promotion and maintenance of a diversified base of high quality research capability in the natural sciences and engineering in Canadian universities, to foster research excellence and to provide a stimulating environment for research training.

New 1992 NSERC Deadline Dates

Since the normal deadline date for most Research Grant applications and for Equipment, Conference applications (November 1) falls on a weekend this year, NSERC asks that **applications be received at NSERC by October 30, 1992.** The deadline of October 15 remains unchanged for first-time applicants, candidates for Women's Faculty Awards and applicants applying to or already supported by MRC or SSHRC.

Electronic Forms

This year again, NSERC will be distributing a Word Perfect template to help applicants complete the research grant application form. Given the changes that have been made to Form 101 and the new print size requirements (see department secretary), do *not* use the 1991 template. Revised templates will be distributed in July through the Research Office.

SSHRC RESEARCH RESULTS ANNOUNCED

SSHRC recently announced the results of the 1992-93 Research Grants Competition. At Lakehead University, only one research proposal was successful in being funded. Dr. Bill Morrison, previous Director of the Centre for Northern Studies was awarded a SSHRC Research Grant valued at \$33,856 over three years, to undertake a study entitled "Human Adaptation to Winter in Northern Canada". Dr. Morrison has since accepted the position of Dean of Graduate Studies and Research at the University of Northern British Columbia.

Although for the 92-93 SSHRC competition, Lakehead's participation rate increased by 25%, our success rate dropped drastically from last year. Due to the increasing numbers of researchers across Canada applying to the Council for limited federal research dollars, many deserving researchers at Lakehead University were not funded. The following researchers' applications were recommended by the Grants Selection Committees for funding, but could not be supported due to lack of SSHRC funding:

Dr. Margaret Johnston, Centre for Northern Studies/ Geography;
Dr. Robert Payne, School of Outdoor Recreation, Parks and Tourism;
Dr. Patricia Vervoort, Department of Visual Arts; and
Prof. Jose de Cangas, School of Nursing.

The Office of Research and Graduate Studies would like to take this opportunity to commend all researchers who applied to SSHRC in the 92-93 competition for their efforts, and look forward to working with them on new and improved applications for the 93-94 competition. The Office of Research and Graduate Studies in conjunction with SSHRC will be organizing a grantsmanship seminar which will take

place in the early fall. The Office of Research would appreciate receiving suggestions from the SSHRC research community at LU in regards to grantsmanship issues which should be emphasized during the seminar (ie. project planning, writing winning proposals, budgeting, research methodology, etc. Please submit your suggestions to Anne Fiorenza, Research Officer by July 31, 1992.

RESEARCH GRANTS & CONTRACTS AWARDED

Imperial Oil Ltd.

Dr. Birbal Singh, Department of Mechanical Engineering, has been awarded a research grant of \$10,000 by the Imperial Oil University Research Grant program for a research project entitled "Scaling Criteria for Jet Cutting of Oil Sands". The objective of the project is to develop a set of scaling criteria which will make it possible to extrapolate laboratory scale experimental results to pilot and field scale with greater degree of confidence. The Imperial Oil Limited University Research Grant program provides support to university researchers on a competitive basis. Last year 224 applications were received for support and 75 grants were awarded on the basis of originality and significance of the research project, and capability and experience of the applicant.

OMNR - Environmental Youth Corps (EYC) Program

The purpose of the Environmental Youth Corps Program is to contribute to conservation, environmental protection and effective resource management and to provide employment, education, and training for youth in a variety of conservation related projects. The following researchers at Lakehead University have been awarded EYC contracts to hire student research assistants for the summer:

Dr. Doug Morris, Centre for Northern Studies and Dr. Robert Steedman, Centre for Northern Forest Ecosystem Research for a project entitled, "Aquatic Effects Research";

Mr. Don Barnes, School of Forestry to support his graduate studies research on "Beaver Dams".

RESEARCH OPPORTUNITIES

UNIVERSITY RESEARCH INCENTIVE FUND (URIF)

The government has approved continuation of the URIF program for one more year. An allocation of \$3.0 million has been made to support new projects in the fiscal year 1992-93.

The purpose of the URIF program is to encourage universities and the private sector to enter into co-operative research ventures with each other. The program will match, dollar for dollar, eligible investments by the private sector in university-based contract research.

The following are changes made to the URIF guidelines and procedures:

- 3 Competitions with **DEADLINE DATES** of: June 30, 1992, October 15, 1992, January 31, 1993.

- Maximum level of URIF support is \$200,000 per project.

- **For June competition only**, the condition that a contract between a corporate partner and the university be signed no earlier than 6 months prior to a competition has been revised to allow a 9 month prior eligibility.

- The URIF application forms have been revised. If you plan on applying to the program, please stop by the Office of Research and Graduate Studies to pick up the revised forms.

SUGAR ASSOCIATION RESEARCH GRANTS

Letters of Intent (maximum 3 pages) are being sought for review by the Sugar Association's Sucrochemistry Advisory Council for contract research utilizing sucrose in the production of: 1) food bulking agents, 2) water-soluble cellulose-sucrose derivatives for food and non-food applications, 3) polymers for rheological control, 4) water absorbing biodegradable polymers, 5) biodegradable polymers for packaging, and 6) non-caloric sucrose, functionally the equivalent of sucrose on a weight basis. Letters of Intent must be received in Washington, D. C. no later than **July 31, 1992**.

THE 1991 CENSUS ANALYTIC PROGRAM

Statistics Canada is initiating a program of socio-economic and demographic research in conjunction with the 1991 Census of Canada. Broadly speaking, the objectives of the program are to foster the conducting of issue-driven research on topics critical to the development of Canadian society, using 1991 Census as well as data from other sources. The outcome is to be a series of monologues similar to the format used on a series produced after the 1971 census.

The Program entails a two part application process. Prospective researchers are first invited to submit a Letter of Intent form to Statistics Canada. Researchers are then asked to summarize their research plans including the objectives of the study, the themes to be addressed, the sources of data to be used, the techniques and methodologies to be used and, the anticipated budget and timetable for the production of the monograph on the form. The **deadline date** for submitting the Letter of Intent is **August 1, 1992**.

AMERICAN FOUNDATION FOR AIDS RESEARCH (AmFAR)

AmFAR invites Letters of Intent for projects in biomedical, humanistic, and social science research relevant to AIDS (**Deadline: August 25, 1992**). Four types of grants or awards are available:

1) Research Grants: Grants provide up to \$50,000 U.S. in direct costs for one year in support of AIDS related biomedical and social science research.

2) Small Grants (Short Term Travel Grants): Grants provide affiliated post-doctoral investigators up to US \$5,000 for short term study or training at another U.S. institution. Funds are for travel, per diem, and housing plus a host institution payment.

3) Scholar Awards: Grants provide up to US \$102,000 of salary and benefit support for three years to researchers with two to three years of post-doctoral experience.

4) Pediatric Aids Foundation Grants: This program of Research and Scholar Awards targets research needs unmet by federal or other funding sources. Request for Proposals are issued periodically on no particular schedule.

If you wish to be on the mailing list, the Office of Research and Graduate Studies can assist you with this.

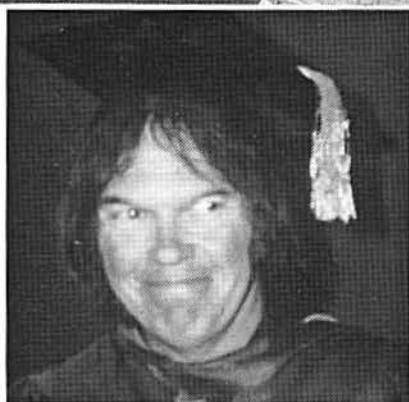
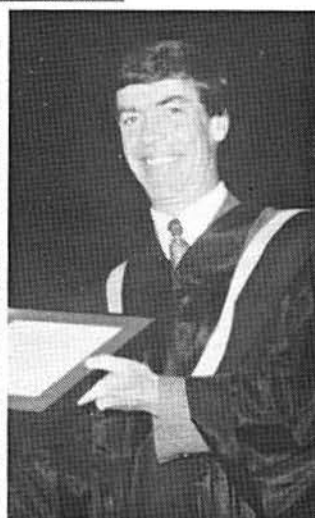
THE FULLBRIGHT FOUNDATION - Foundation for Educational Exchange between Canada and the United States of America.

DEADLINE: September 30, 1992.

Convocation '92



A joyful moment for many Malaysian students who have made Canada their home for four years, Vonnie Cheng, works full-time but managed to earn two more degrees, an Honours Bachelor of Arts and Graduate Diploma in Business Administration, happy members of the Native Language Instructors' Diploma and Native Teacher Education Program, honorary degree recipients, Dr. Karen Weiler and Dr. Neil Young, and Rita Rosehart, BA, getting a little help from her classmates Sid and Joanne Kottell, who have to wait one more semester for their graduation, and centre, John Everitt, baby Madison and Nancy Remus, Alumni Honour Award winner Rick Lang who was special guest at Convocation Eve sponsored by Thunder Bay Travel.

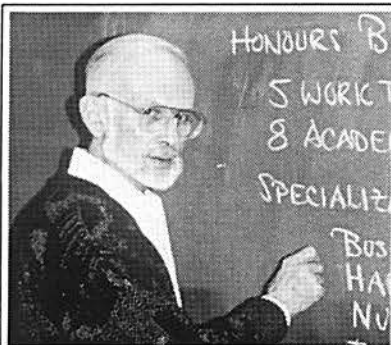


Smilers

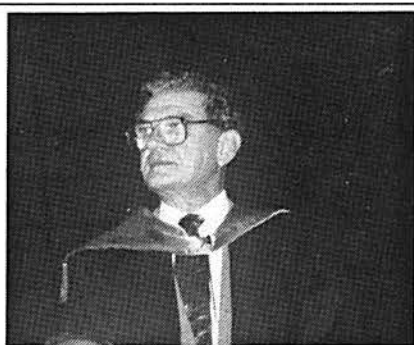
from The Agora, page 1
 Top left & clockwise, After receiving his BSc, Chris Delaney gets a graduation hug from dad, Dr. Roger Delaney, baby Andrew was the unofficial convocation mascot helping his mother Marianne Jollineau celebrate her Education degree, Carol Buswa, BA BEd, delighted everyone with her ceremonial jingle dress worn proudly beneath her gown, Laura Ann Fellman won several awards



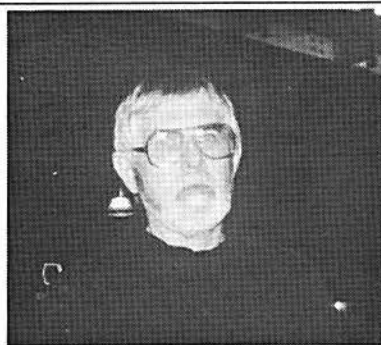
including the Poulin Award and President's Award which she received from Dr. Bob Rosehart, our own Professor Margaret Maclean quietly earned her third masters degree (MEd) while teaching on and off campus and chairing the Department of Information and Library Studies; and centre shot, "one man's proud moment" with journalist Rick Smith and daughter Jennifer who received her HBS.



Clem Kent



James Pylypiw



Jim Smithers



INTRODUCING OUR NEW

PROFESSORS EMERITI

Dr. Thomas J. Griffith

Dr. Griffith came to Lakehead University in 1967 as an Assistant Professor of Science and with duties quite different from those of other academic appointees. Thus, he was charged with setting up a central laboratory for the acquisition, location, operation and maintenance of top-of-the-line major scientific equipment for use initially by the Faculty of Science and later by the entire university. The laboratory, under the dynamic leadership of Dr. Griffith, gave a strong boost to both research and teaching in the early years of the university and, in later years, it became the core facility for much of the scientific research carried out in the institution. Dr. Griffith's dedicated service to the scientific community at Lakehead University has made the laboratory an integral and indispensable part of the teaching and research activities of the university. The facility and its technical staff have become the envy of other universities and have earned the respect of external research funding organizations.

Dr. Marcia Dilley

Dr. Dilley came to L.U. in 1968 from an original career in journalism. After leaving journalism - motivated by the urge to contribute to news rather than report on it, she went to Manitoba with the intention of studying criminal law. As it transpired, her highest mark at the end of her second year was psychology and this determined her professional life to this day. She went on to earn her doctorate at Western, but not before

becoming involved with L.U. Her interests lay in child psychology and in the late sixties, she was invited to deliver a summer course to a child development organization in town. As it happened this course was cancelled but she was invited to teach a summer course at Lakehead University. This chance event determined her subsequent profession. The department was small back then and Marcia took over courses in Conditioning and Learning and Introductory Psychology as well as the courses in Developmental Psychology. She was one of the few female faculty on campus at that time. She points out that one of her joys in teaching was the enthusiasm of her students.

She was involved for a considerable time with the Thunder Bay Symphony Orchestra Choir, but has now moved on to become a tympanist. She appeared for several years at the rear of the L.U. Wind Ensemble thrashing away at her tambourines. She continues these studies, especially at the xylophone along with cultivating her latest interest - raising a show dog (a dog that has now achieved champion status). The rest of the time is spent sailing (particularly in high winds), travel and working on a novel.

Professor Eric Green

After obtaining a B.A. and M.Sc. in Mathematics from Queen's, Eric came to the "Lakehead College of Arts, Science and Technology" in September, 1962. In 1963 he was appointed Acting Head, then the Chairman, of the Department of Mathematics and Physics. Indeed, he was most of that department, for his first two years here he was the only person teaching Mathematics. When the department split into the Mathematics Dept. and the Physics Dept., in 1965, he served as chairman of the Math Dept. for several terms, as well as serving on innumerable committees. Originally Eric was a statistician, but as the demand for computer science devel-

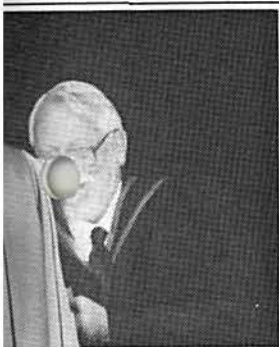
oped, he found himself teaching our elementary computer science courses, as well as statistics, and other mathematics courses too. It is fitting that, as the founding member of the department, Eric's career here is the history of it as well.

Dr. Clem Kent

Clem began his career here in 1968 upon his appointment as Chairman of the Math Dept. He received his Ph.D. from MIT and came from the position of Vice-Chairman of the Mathematics Dept. at Case Western Reserve. Clem was instrumental in guiding the department during those years of rapid expansion - his motivation and standards were high, and resulted in a department which is academically sound in teaching and research. In spite of a heavy load - he was chairman for several terms, active on committees, and with a heavy teaching load - he has kept up his interest in mathematical logic, publishing and advising graduate students. The very successful "Computer Science Contest" and Co-op program in Computer Science are largely his doing.

Dr. James (Jim) E.P. Smithers

Jim became a faculty member at Lakehead University in 1978, initially as a sabbatical replacement, then as a full time staff member when he was convinced to leave a superintendent's position with the Lakehead Board of Education. His dedication to Lakehead University and to the embryonic School of Outdoor Recreation was readily apparent as he accepted a substantial reduction in salary to move from the School Board to L.U. claiming that the difference would be more than offset by a number of little known firsts in his long thirty-three year academic career. He was one of the principle authors of the first high school credit course in Outdoor Education in Ontario at Atikokan High School in 1965. His Doctoral Disserta-



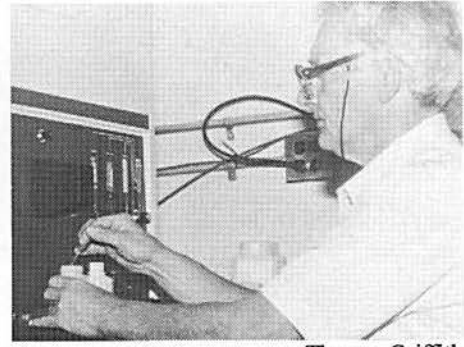
Eric Green



Siegfried Zingel



Marcia Dilley



Thomas Griffith

tion on Native Education in Northern Ontario, gave him the credibility to establish the first Native Training program at the high school level with the Lakehead Board of Education in 1970. His untiring efforts at replicating the historic Alexander Mackenzie expeditions will come to fruition during the bi-centennial year of 1993, when the final phase of that expedition will arrive at Bella Coola, B.C. To date he and his student voyageurs have performed and paddled from Montreal to Winnipeg and Fort McMurray to the Arctic Ocean. This summer the Mackenzie expedition group will paddle from Winnipeg to Peace River, Alberta.

Dr. Smithers has been a motivating force in shaping the School of Outdoor Recreation, Parks & Tourism, to become a 300 student body program with an international reputation. His retirement from the university will only be offset by the legacy he leaves behind him.

Dr. Siegfried Zingel

Dr. Siegfried Zingel was appointed to the School of Forestry by President Tamblyn in 1966. During his 25 years, Doc has seen the School develop from only the Technology program plus two years of degree to a complete BScF program in 1971, and the MScF in 1979. Over the years Doc has taught courses in Forest Biology, Dendrology and Forest Soils and he established the first soils laboratory. He has also served under four presidents, three deans and five directors.

Doc's primary teaching responsibility is in the Forest Soils area and he is known as the "Dirt Man" by his undergraduate students all of whom hold a lot of respect for him. Each year Doc receives his full compliment of students in his Directed Studies course and undergraduate thesis and spends countless hours with each student in the course and editing their theses. The student always came first and over 60 undergraduate theses have been completed

with Doc as the supervisor. It should be mentioned that every thesis was completed on time so that the student could graduate in May.

In 1975 Doc completed a research project on Wild Rice Sites in northwestern Ontario and many of the results from this report are still being applied today.

Upon his retirement, Doc's dedication to the students, to the development of the School, and his good sense of humour will be missed by all faculty, staff and students within the university.

His plans for retirement have not been finalized but it is certain that travelling will be at the top of his agenda but will keep Thunder Bay as his home base.

Dr. James A. Pylypiw

Dr. Pylypiw took his teacher education program at the North Bay Teacher's College. Jim taught elementary school in East York and Scarborough, where he also served as a Vice-Principal. He did undergraduate studies at the University of Western Ontario and graduate studies at the University of Wisconsin and the University of Alberta.

Jim came north to help open the Lakehead Teacher's College when it opened for its first year at Westgate Collegiate. He moved with it to the then new building on Oliver Road in Port Arthur. He taught a variety of subjects and helped many students become elementary school teachers. The Teacher's College was amalgamated with the relatively new Lakehead University in 1969 as the Faculty of Education. Jim's work specialized in curriculum development, evaluation, and program administration. He taught in the pre-service, continuing teacher education, Master of Education, Native Teacher Education, and Native Language Instructor's programs. He was one of a hardy band who made regular excursions to teach off-campus in various parts of Northwestern Ontario. As one of the

early teacher educators in Northwestern Ontario, Jim helped bring post-secondary education to the residents of this part of the province.

PROFESSORS EMERITI

Lenora Aedy, Library Technology
Agha Mohammed Akram, Psychology
J. Thomas Angus, Education
M. Elizabeth Arthur, History
John Hugh Blair, Forestry
David H. Botly, Education
Willard H. Carmean, Forestry
Koillipillai Jesudas Charles, Economics
Min-Sun Chen, History
Kenneth C.A. Dawson, Anthropology
Kenneth Melton Dodd, History
Stanley P. Dromisky, Education
Geoffrey F. Engholm, Political Studies
David G. Frood, Physics
Norman Ginsburg, Psychology
William M. Graham, Biology
Martin M. Greenwood, Anthropology
Kenneth W. Hearnden, Forestry
T.D. Harris, Economics
George Alexander Harrower, Physics
Fayek M. Ishak, English
Chris A. Jecchinis, Economics
L. Laurens Korteweg, Education
Pei-Mao Li, Education
Douglas Rome Lindsay, Biology
James P. Lovekin, Education
William D. Mackinnon, Civil Engineering
William F. McCallum, Education
Gordon D. McLeod, Psychology
Hugh Norman McLeod, Psychology
Edward Leon Philip Mercy, Geology
Thomas B. Miller, History
Antoinette L. Montebran, French
Somashekhar A. Naimpally, Mathematics
Margaret R. Page, Nursing
Serafina P. Petrone, Education
Mary H. Richardson, Education
Leo Vidlak, Forestry
Stanley Walker, Chemistry
Marjorie A. Wallington, Nursing
William A. West, Education
J.H. Widdop, Physical Education
Valerie A. Widdop, Physical Education
Leo Zawadowski, Linguistics & Romance
Philology

CONVOCATION '92

AWARD WINNERS

THE PRESIDENT'S AWARDS

Awards given to the graduating students who have occupied positions of responsibility in the students' organizations, and who, by their activities and achievements, have earned the gratitude of the University.

Rosalina Brizi BComm (Hons), Thunder Bay
Paul Caccamo BSc BEd, Thunder Bay
Christine Danis BSW (Hons), Thunder Bay
Debora Kathleen Desrosiers Dipl For Tech BScF (Hons), Kapuskasing
Laura Ann Fellman BSW (Hons), Thunder Bay
Vicki Lee Ann Ginter BScF (Hons), Brantford, Ontario
Hashah Hashim BA, Malaysia
Dan Philip Hebert BEng (Elect), St. Albert, Alberta
Susan Jane Lister BOR (Hons), Sudbury
Paul R. Moniz BA, Thunder Bay
George Pardalis BSc, Windsor
Kristine Erin Peterson BComm (Hons), Thunder Bay

THE DEAN OF ARTS & SCIENCE'S MEDALS

To the highest ranking graduating students in Arts (all from Thunder Bay):

Catherine Andree Sajna BA
Johanne Marie Aleksiejan BA (Hons)
Ethel Lenore Enstron BA (Hons)
Laura Ann Fellman BSW (Hons)

THE DEAN OF ARTS & SCIENCE'S MEDALS

To the highest-ranking graduating students in Science:

Shawn David Whatley BSc, Thunder Bay
Karen Puumala BSc, Thunder Bay

Judith Ann Stevens BSc (Hons), Moncton, New Brunswick

DEAN BRAUN'S MEDALS

Awarded to the highest ranking graduating students in the Faculty of Professional Studies:

Sheena Rae Sodergreen BComm (Hons), Red Rock
Rorie Wilson BAdmin, Thunder Bay
Pamela Perri BAdmin, Thunder Bay
Wendy Laverge BAdmin, Thunder Bay
James Thomas Bowen BOR (Hons), Vernon, BC.
Jill Bernadette Otto Dipl Lib and Info Studies, Thunder Bay
Bryant Douglas Stone Grad Dipl. BAdmin, Thunder Bay
Bryan Jeffrey Conrod Dipl Eng Tech BEng (Mech), Thunder Bay
Hung Thai Ho Dipl Eng Tech, Scarborough
Debora Kathleen Nadine Desrosiers Dipl For Tech BScF (Hons), Kapuskasing
Troy David Millar Dipl For Tech, The Pas
Colleen Ruth Valente BScN (Hons) RN, Thunder Bay
Johnny Tipani Rissanen BPE (Hons), Sault Ste. Marie

WILLIAM A. WEST EDUCATION MEDALS

Awarded to the highest-ranking graduating students in Education:

Angela Woodhouse-Wild BA BcM BEd, Nolalu
Leonard Archibald Naismith BSc (Hons) Tor. BEd, Toronto
Danny John Klobucar BSc Guelph BEd, Cambridge, Ontario
Cathy Sarah Beaudin BABEd, West Bay, Ontario
Ian MacRae BA BPE (Hons) BEd MEd, Thunder Bay

THE POULIN AWARD

An award for outstanding citizenship to the student selected by her fellows, the Faculty and Administration as contributing most to

the welfare of the University through her student activities.

Laura Ann Fellman BSW (Hons)

THE ALUMNI HONOUR AWARD

Awarded to an alumnus who has made an outstanding achievement in one or more fields of endeavour.

Richard Porter Lang BSW (Hons)

THE GOVERNOR-GENERAL'S GOLD MEDAL

Awarded to the highest ranking student in the graduating class of the Master's degree.

Leigh-Ann Duke BA (Hons) MA

THE LIEUTENANT-GOVERNOR'S MEDAL

Awarded to the highest ranking graduating student in the three year Bachelor's degree.

James Thomas Bowen BA

THE CHANCELLOR'S MEDAL

Awarded to the highest ranking part-time student in the graduating class of the Bachelor's or Honours Bachelor's degree.

Winnifred May Bauman BA (Hons)

THE GOVERNOR-GENERAL SILVER MEDAL

Awarded to the highest ranking student in the graduating class of the Honours Bachelor's degree.

Bryan Jeffrey Conrod Dipl Eng Tech, BEng (Mech)

THE GOVERNOR-GENERAL'S COLLEGE BRONZE MEDAL

Awarded to the highest ranking student in the graduating class of the Diploma programs.

Grant Stanley Erb Dipl Eng Tech



President's Award Winners . .

(top, left to right)

Kristine Peterson

Hashah Hashim

Paul Caccamo

Vicki Ginter

Christine Danis

Deborah Desrosiers

Susan Lister

Copies of Morning and Afternoon Convocation are available on video by contacting 343-8267.

FACULTY AWARD - apply for either research, lecturing, or lecturing/research awards. Maximum award is \$25,000 per year. Faculty sabbatical, leave-of-absence, or retirement pay may be used concurrently with Fullbright support.

GRADUATE STUDENTS - apply for either a formal enrolment grant (acceptance in a doctoral program at a desired U.S. university) or a research grant (completion of all doctoral work except for the doctoral thesis at a Canadian university). Maximum grant is \$15,000. Graduate Students are also eligible to accept teaching assistant positions.

SSHRC: BORA LASKIN NATIONAL FELLOWSHIP IN HUMAN RIGHTS RESEARCH

The objective of this research program is to support inter- or multidisciplinary research and the development of expertise in the field of human rights, with emphasis on themes and issues relevant to the Canadian human right scene. Research in all areas of the humanities and social sciences, including journalism and law is eligible. One fellowship valued at \$45,000, plus \$10,000 which may be used for travel and research expenses is awarded each year. The award is tenable for 12 months (to be taken up between April 1 and October 1) and is non-renewable.

Application deadline date is October 1, 1992 and application forms are currently available in the Research Office.

RESEARCH PUBLICATIONS

A copy of the following document is available in the Research Office:

"Canada's Northern Stations: A Directory of Canadian Northern Field Research Stations 1991".

GRADUATE SCHOLARSHIP OPPORTUNITIES

NSERC Postgraduate Scholarships for Employed Scientists and Engineers

This program is intended to financially assist a limited number of persons who were not aware of their eligibility to apply for an NSERC scholarship in the annual competition in November 1991, or who had not formulated definite plans before the application deadline.

Persons currently employed but intending to return to university for graduate studies are eligible to apply. Applicants must hold at least a bachelor's degree in engineering or science; be currently employed in a scientific or engineering field and have at least 12 months of relevant full-time work experience at the time of application; are thinking of returning to university in the fall of 1992 to obtain a master's or doctoral degree, and are a Canadian citizen or permanent resident of Canada.

For more information about this scholarship and to obtain applications forms, contact Kris DeLorey, Office of Research and Graduate Studies, UC 2002. Applications accepted between May 1 and July 15, 1992.

CIDA Awards For Canadians

Up to 50 awards are made annually to Canadians wishing to increase their expertise in the field of international development. The awards are worth up to \$25,000 per year and may be tenable for a maximum of two years.

Applicants must develop a proposed program which addresses a specific development need or problem in a developing country. The program must include a related fieldwork component and last for at least 25% of the total program duration. Candidates must possess an undergradu-

ate degree or diploma by the time of the award and have a demonstrated commitment and suitability for a career in the field of international development.

Applications are available in the Office of Research and Graduate Studies. Deadlines have changed to February 15 and September 8.

RECENT GRADUATE AWARD RECIPIENTS

Hugh Douglas Hennessy Memorial Award in Economics
Shekar Bose

Ishak Book Prize (Department of English)

Leigh-Ann Duke
Jewish Community of Thunder Bay Shaarey Shomayim
Congregation Silver Jubilee Award
Al Bennaroch

Margaret Page Award in Nursing
Ms. Rhonda Crocker

GRADUATE STUDENT THESES RESEARCH

FACULTY OF ARTS AND SCIENCE

DEHLS, John (M.Sc. Geology)
Supervisor: Dr. Graham Borradaile
Thesis Title: The Magnetic Fabrics and Strain History of the Seine Group and Related Rocks Near Mine Centre, Northwestern Ontario.
DUKE, Leigh-Ann (M.A. English)
Supervisor: Dr. Claude Liman
Thesis Title: Existential Elements in the Poetry of Theodore Roethke.
MACTAVISH, Allan (M.Sc. Geology)
Supervisor: Dr. Steve Kissin
Thesis Title: The Geology, Petrology, Geochemistry, Sulphide and Platinum-Group Element Mineralization of the Quetico Intrusions, Northwestern Ontario.
SEEMAYER, Barbara (M.Sc. Geology)
Supervisor: Dr. Manfred Kehlenbeck
Thesis Title: Variations in Metamorphic Grade in Metapelites in Transects Across the Quetico Subprovince North of Thunder Bay, Ontario.

FACULTY OF PROFESSIONAL STUDIES

SCHOOL OF EDUCATION

GRIEVE, Carol (M.Ed.)
Supervisor: Dr. Alan Bowd
Thesis Title: Relationship Between Cognitive Style and Informed Decision Making.
HANLON, William (M.Ed.)
Supervisor: Dr. Rita Irwin
Thesis Title: The Roles of Teacher Assistants in Elementary School Special Education Settings.
LI, Wenjie (M.Ed.)
Supervisor: Dr. Alan Bowd
Thesis Title: Student Characteristics, Teaching Methodology and Satisfaction With Adult English as a Second Language Program.
PETERS-MAKI, Lynne (M.Ed.)
Supervisor: Dr. Mary-Clare Courtland
Thesis Title: Transfer of Learning in the Field of Recreation.
REYNOLDS, Karen (M.Ed.)
Supervisor: Dr. Alan Bowd
Thesis Title: Native Conceptions of Giftedness.

SCHOOL OF FORESTRY

PENFOLD, Cameron (M.Sc. Forestry)
Supervisor: Dr. Rob Farmer
Thesis Title: Genetic Variation in Traits Affecting the Water Relations of Balsam Poplar Along a Latitudinal Transect in Northwestern Ontario.

APPLIED SPORT SCIENCE AND COACHING

GANNON, Greg
Supervisor: Dr. Ian Newhouse

Thesis Title: The Effect of Discontinuing Iron Supplementation on the Iron Status of Women.

KING, Steven

Supervisor: Dr. Dan Weeks

Thesis Title: The Effects of Visual Perspective, Ball Position and Distance on the Accuracy of a Putted Ball in Golf.

NEWHOUSE, Donna

Supervisor: Dr. Bob Thayer

Thesis Title: The Relationship Between Whole Blood Plasma and Total Blood Lactate at Various Exercise Intensities.

WILLIAMS, Kimberly

Supervisor: Dr. Dan Weeks

Thesis Title: Generalizability of the Guidance Hypothesis to a Brief Acquisition Phase.

UPCOMING DEADLINE DATES

NSERC Programs

Forestry Postdoctoral Assistantships - June 1 & December 1

University-Industry Research Partnerships Program - Open

Scientific Publications - October 1 and April 15

SSHRC Programs

Aid to Occasional Scholarly Conferences in Canada - July 1, November 1, April 1

Strategic Partnership Development Grants - November 1, January 15, April 15.

SSHRC/Northern Telecom: Research on Science Culture in Canada - September 15, 1992.

SENATE RESEARCH COMMITTEE

NSERC Internal Research Grants

Research Projects Program - October 13, 1992

Visiting Scholar Program - October 13, 1992

Conference Travel Program - September 15, 1992

Travel to do Research Program - September 15, 1992

SSHRC Internal Research Grants

Conference Travel Program - January 15, 1992 and May 15, 1992

Other Internal Research Programs

Research Infrastructure Fund - September 30, 1992

Leave/Non-Leave Research Grants Program (Revenue Canada) - October 13, 1992

GREEN PLAN PROGRAMS

Tri-Council: Research Grants Program - December 15, 1992 (Letters of Intent);

Research Fellowships - November 15, 1992; University Research Chairs - January 15, 1993

OTHER RESEARCH PROGRAMS

American Foundation for Aids Research - August 25, 1992

Canadian Nurses Foundation - July 31, 1992

Educational Centre for Aging and Health; Fellowships/Bursaries - January 1, April 1, July 1, October 1.

Fullbright Program: Research Grants - November 30, 1992

Health and Welfare Canada/MRC - AIDS Research Program - March 15 and September 15; Joint Fellowships for AIDS Research Training - April 1 and November 15.

Health and Welfare Canada: Research Projects and Studies - June 1, 1992; Small Budget Projects - Anytime; Career Awards - July 31, 1992; Conferences and Workshops - April 1, 1992.

National Research Council - Laboratories Research Associateships - Open

Ontario Ministry of Agriculture and Food: Research Program - July 31, 1992

Ontario Ministry of Health - Nursing Innovation Fund - January 1, May 1, September 1

Ontario Ministry of Health - Health Care Systems Research Projects: Research Projects (May 1 and November 1), Feasibility Studies (Anytime), Formulation Grants (Anytime), Informa-

tion Studies (May 1 and November 1), Workshops and Conferences (Anytime).

Secretary of State: Canadian Studies Directorate - Open

Statistics Canada: Analytic Program - August 1, 1992

Sugar Association Research Grants - July 31, 1992

Supply and Services Canada: Environmental Innovation Program - Open.

United States Embassy Grants in American Studies - September 1, 1992.

University Research Incentive Fund - June 30, 1992, October 15, 1992, and January 31, 1992.

GRADUATE SCHOLARSHIP OPPORTUNITIES

Fulbright Scholar Program - Educational Exchange Between Canada and the U.S.A. - September 30, 1992.

Government of Canada Awards - Deadlines vary by country

Young Researchers Award - Open

Canadian Nurses Foundation Scholarships and Fellowships - July 31, 1992.

DEADLINES TO REMEMBER:

Researchers looking for help in processing their applications should note these deadlines. Due to changes in Form 101 and the new print size requirements, please consult with the Research Office.

NSERC	INTERNAL	EXTERNAL
Advanced Materials (All applicants)	N/A	August 15
Research Grants (First time applicants)	October 1	October 15
(Regular applicants)	October 15	*October 30
Equipment Grants (All applicants)	October 15	*October 30
Conference Grants (All applicants)	October 15	*October 30
SSHRC		
Research Grants (All applicants)	October 1	October 15
Strategic Grants (All applicants)	October 1	October 15

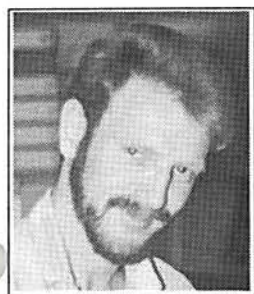
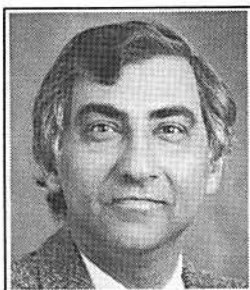
*This fall applications must be received at NSERC by October 30, 1992. Please note that applications post-marked on the deadline will not be accepted by NSERC.

The Office of Research and Graduate Studies, in conjunction with the Office of Information Services, is asking all faculty to share with us interesting research stories to feature in the RESEARCH NEWS. We would like to hear from you if you are currently involved in innovative research, have attended an interesting conference, are collaborating with industry or the community or if you would just would like to profile your research expertise. RESEARCH NEWS enjoys an audience of approximately 2000 and can be a valuable vehicle for communicating your research endeavours to the community at large.

For further research information call Anne Fiorenza at ext. 8223 or drop by the Office of Research and Graduate Studies. For information about Foundations, call Jo-Anne Silverman, Foundations Officer at ext. 8910 or drop by the Alumni House.

People/Papers/Publications Special Projects/Awards

Dr. S.A. Mirza, Professor of Civil Engineering was recently re-elected for another two-year term as the Chairman of the Joint Committee on Reinforced Concrete Columns of the American Concrete Institute (ACI) and the American Society of Civil Engineers (ASCE). The Committee's mission is to review and correlate research on the analysis and behaviour of reinforced concrete columns and frames, to encourage experimental and theoretical research on column and frame behaviour, and to propose provisions for design of columns. The members of an ACI or ASCE technical committee are elected internationally on the basis of their expertise in the area of the committee's mission. The Committee on Reinforced Concrete Columns is currently composed of twenty-two voting members, two consulting members, and six associate members.



Dr. Yves H. Prevost, School of Forestry, was selected to participate in the Ontario-Jiangsu Educational Exchange. He left for China on June 11 and will return August 4. Dr. Prevost visited Nanjing Forestry University during the last two weeks of June where he gave lectures on forest protection for insects. In July, he will be in Beijing attending the International Congress of Entomology held every four years. Dr.

Prevost will deliver an invited paper entitled "Seasonal feeding patterns and development of cone and seed insects in cones of Tamarack". During the remainder of his time he will visit plantations and evaluate opportunities for collaborative research and seeking new ways to present insects to the human palate.

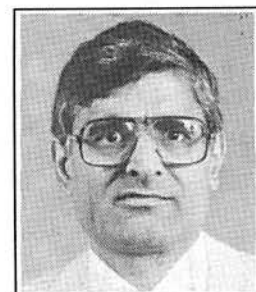
Dr. Prevost was recently awarded three grants from the Ministry of Natural Resources under the Environmental Youth Corps Program; \$10,500 for a project called Insect Impact on Seed Viability of Tamarack, \$5,300 for a project called Plant Defences against Spruce Budworm Feeding (graduate student research of Shelley Vescio) and \$12,700 for a project called Vegetation Management and its Impact on White Pine Weevil Damage (graduate student research of Anne Villeneuve). He was also awarded a research grant from Forestry Canada, Forest Pest Management Institute of \$3,000 for the collaborative project on Vegetation Management and its Impact on White Pine Weevil Damage.

Dr. A.H. Mamoojee, Department of Languages, presented a paper entitled "Q. Cicero, Commentariolum petitionis 19 and Asconius, In Toga candido 78" at the annual meeting of the Classical Association of Canada, held in conjunction with the Learned Societies conference at the University of PEI, Charlottetown May 24-26. He also chaired one of the sessions on Roman history and is currently a Vice-President of the Classical Association.

Dr. Harun Rasid, Department of Geography, presented a paper at the annual meeting of the Canadian Association of Geographers, which was held at the University of British Columbia, Vancouver, May 19-23, 1992. The title of the paper was "Embankments vs. indigenous adjustments: Perceptions of flood alleviation in Bangladesh".

Prof. Michel Morton, School of Nursing, presented a paper entitled "Developing a Clinical Course Through Distance Education", at a conference at the University of Guelph. The conference, The Fifth Instructional Show and Tell, ran from May 25 - 26 and looked at issues in post-secondary teaching.

Dr. Birbal Singh, Department of Mechanical Engineering, has been appointed a Director of the Innovation Ontario Corporation for the period April 30, 1992 to March 31, 1995. Innovation Ontario Corporation (IOC) is a Crown Corporation associated with the Ministry of Industry, Trade and Technology. The corporation and its board encourage and assist the acquisition, development and demonstration of technological products, processes and services in Ontario by providing financial assistance and incentives to early stage technology based companies. The corporation has invested in ventures covering a wide variety of technologies including electronic equipment, medical related products, software packages, and engineered systems. The Directors of the Corporation are appointed by the Lieutenant Governor on the recommendation of the Premier of Ontario.



Dr. Singh has been awarded a research grant of \$10,000 by the Imperial Oil Limited University Research Grant program for a research project entitled "Scaling Criteria for Jet Cutting of Oil Sands". The objective of the project is to develop a set of scaling criteria which will make it possible to extrapolate laboratory scale experimental results to pilot and field scale with a greater degree of confidence. The Imperial Oil Limited University Research Grant program provides support to university researchers on a competitive basis. Last year 224 applications were received for support and 75 grants were awarded on the basis of originality and significance of the research project, and capability and experience of the applicant.

Dr. Barbara Kronberg, Department of Geology, has been invited to participate on a research panel of the Canadian Global Change Program. The purpose of this panel will be to review the current state of long-term ecological research and monitoring in Canada and internationally; attempt to ensure comparability, in terms of data acquisition, protocols and analysis among the various projects in order to facilitate comparison and integration of results both within Canada and internationally; and to identify any apparent gaps in the Canadian or international programs which should be filled by Canadian researchers and to initiate the preparation of appropriate research proposals to address these.

Dr. Azim Mallik, Department of Biology and **Dr. Hafiz Rahman, School of Business Administration**, have published a paper entitled, "Ecology and Land Use Economics of the Modhupur Forest in Bangladesh: A proposal for Improved Management". The paper examines the problem of depletion of forest resources and the consequent environmental degradation.

Continued on page 8

tion in Bangladesh. It outlines a study proposal, to be undertaken from ecological and socio-economic perspectives, that aims to develop a more productive land use system for the Modhupur Forest of Bangladesh. The use of agroforestry as an option for improved management is proposed. The paper has been published in an edited volume titled *Calcutta, Bangladesh, and Bengal Studies: 1990 Bengal Studies Conference Proceedings*, published by the Asian Studies Center, Michigan State University in 1992. The paper was presented at the 1990 Bengal Studies Conference at the University of Chicago.



Dr. Min-sun Chen, Professor Emeritus and Sessional Lecturer, Department of History, has recently published the following four articles: "Hsu Kuang-ch'i (1562-1633) and His Knowledge of Europe," in J. Dehergne, ed., *Chine et Europe: Evolution et particularites des rapports Est-Ouest, du XVIe au XXe siecle* (Taipei, Paris, and Hong Kong: Ricci Institute, 1991), pp. 94-106; "The Conversion of Li Chih-

tsao (1565-1630) to the Christian Faith," (in Chinese), in T.L. Ma, ed., *Essays in Chinese Bibliography, Literature, and History* (Taipei: Cheng-chung shu-chu, 1991), pp.313-20; "China's Unsung Canadian Hero: Dr. Richard F. Brown in North China, 1938-1939," in L.N. Shyu et al., eds., *East Asia Inquiry* (Montreal: CASA, 1991), pp. 109-139; and a review of Jerome Heyndrickx, ed., *Philippe Couplet, S.J. (1623-1693): The Man Who Brought China to Europe* (Nettetal, Germany: Steyler Verlag, 1990) in *Sino-Western Cultural Relations Journal*, XIII(1991), 51-53.

On May 4-9, 1992, Dr. Chen presented a paper at the International Symposium held at St. Augustin (near Bonn), Germany in commemoration of the 400th anniversary of the birth of Johann Adam Schall Von Bell (1592-1666), S.J. In his paper entitled, "Hsu Kuang-ch'i, Li T'ien-ching, and Adam Schall," Dr. Chen discussed the lasting impact made by the famous German Jesuit missionary, Adam Schall, on astronomy and calendar reforms in seventeenth-century China.

Deadlines for 1992-93 AGORA submissions

ISSUE OUT	DEADLINE
SEPTEMBER	SEPTEMBER 4
OCTOBER	OCTOBER 2
NOVEMBER	OCTOBER 30
DECEMBER	NOVEMBER 27
JANUARY	JANUARY 5
FEBRUARY	JANUARY 29
MARCH	FEBRUARY 26
APRIL	MARCH 26
MAY	APRIL 30
JUNE	MAY 28

HELP!

Susan Burton reminds faculty and staff that host home families are still required for Japanese students. If you would like to host one or two students from August 8 to August 21, call 343-8068.

Thanks Plant Lovers

by Joan Crowe, Acting Curator
Claude E. Garton Herbarium

This year, volunteers from the Thunder Bay Field Naturalist's Club have greatly helped the work in progress at the Lakehead University Herbarium. It is impossible to list here all the people who have helped the herbarium develop over the last twelve months but your efforts have been very much appreciated and you have helped me towards one of my personal goals, which is to make the herbarium a vital part of this community.

Last summer a plant survey was undertaken of an area under consideration for a nature reserve - this involved making a large plant collection. Most of the work of plant identification was done during the winter by club members, including Brian Moore of the School of Forestry. The herbarium summer assistant is now making up identification labels for the specimens, and a representative sample will be accessioned into the herbarium. The remainder will be stored as voucher specimens for future reference. This helpful work will provide information about the plants of an area from which we previously had no specimens, and this has been done at virtually no cost to the University. Many people were involved in various aspects of this project; Susan and Mike Bryan and Joan Hebden and Margaret Hartley should be especially mentioned for their devoted and regular work on Mondays throughout the winter. We are also very grateful to Joan Hebden for the donation of a valuable three volume set of Britton & Brown's North American Flora to the herbarium library.

Another project being directed by Susan Bryan is the updating of Claude Garton's checklist of the Vascular Plants of Thunder Bay District. The original version was assembled with a great deal of help from various club members and was, in fact, instigated by Walter Hartley. This was last revised in 1984 so that its updating involves many changes in the interim. Gordon Ward has made a start on the difficult Monocot families, and this work has enabled us to bring many of the files up to date already. Erika North has also spent considerable time this winter in helping reorganize the cabinets, and checking families so that the cabinet labels can be revised. Users have remarked that it is already much easier to locate specimens.

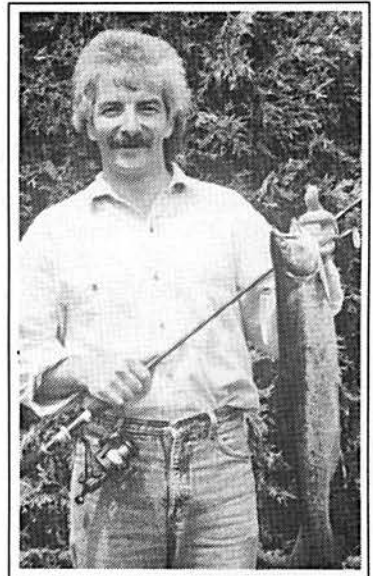
There are many ways in which club members could assist the herbarium in future. Some, perhaps, would like to "adopt" a particular group of plants. Perhaps a "tricky" family like the grasses or sedges could be chosen, or even a small group like the violets. Another possibility would be to adopt an area and do a plant survey. If you concentrate on one group of plants, or one area of land it does not take long to become an "expert", and the best experts are often dedicated amateurs. Claude was a notable example, of course. Working with plants has many advantages. For one thing, they do no bite nor do they fly away!

Some of the more intrepid adventurers among us venture into out of the way places where plants have never before been collected. Good specimens from such locations would enable us to increase our knowledge of the distribution patterns of local plants and might provide very useful information with respect to the environment in future. I would be happy to discuss such projects with anyone who is interested.
Tel. 343-8506

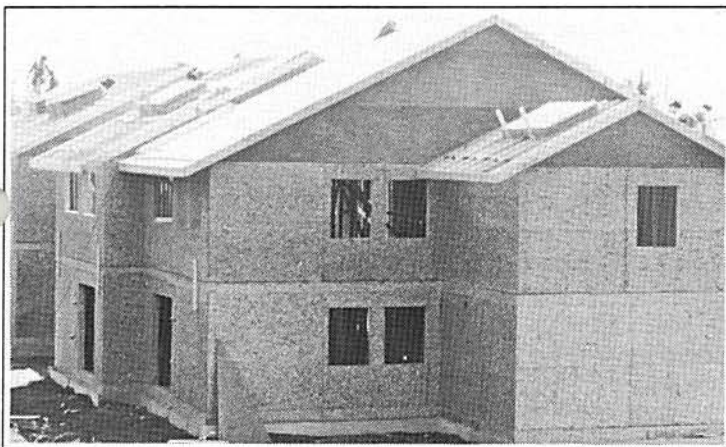
More Around Campus



Committed to future forests. The Jack Haggerty Forest got a boost from the Forest Renewal Group lead by Pat Cybulski, woodlot manager. 20,000 tree seedlings were planted by volunteers from the School of Forestry, above: Brian Moore, Annette Van Niejenhuis, Frank Luckai, Pat Cybulski, Ralph Birston, Lyn Sevean and Don Barnes. Missing: Jim Kayll, Geoff Vanson, Sarah Gooding, Kathleen Gazey, Gary Murchison, Don Richardson, Reino Pulkki and Steve Elliot.



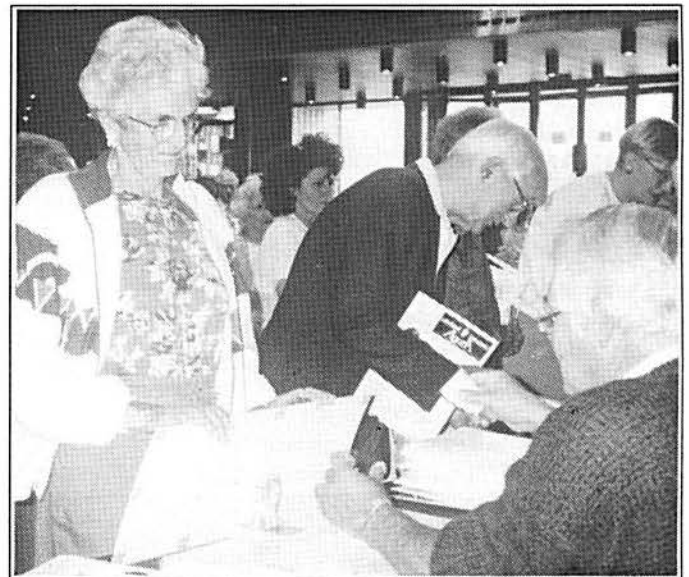
What a Fish Story. Derek Patola from Audio-Visual spent a fruitful lunch hour at Lake Tamblyn recently. He proudly displayed his catch of the day - a 4 lb. Rainbow.



Townhouses Ready For Fall. Residence construction Phase IV is well underway. The six blocks of townhouses situated off Balmoral will be available this fall for senior and graduate students. Architect is Graham Bacon Welter and construction by MNT Builders.



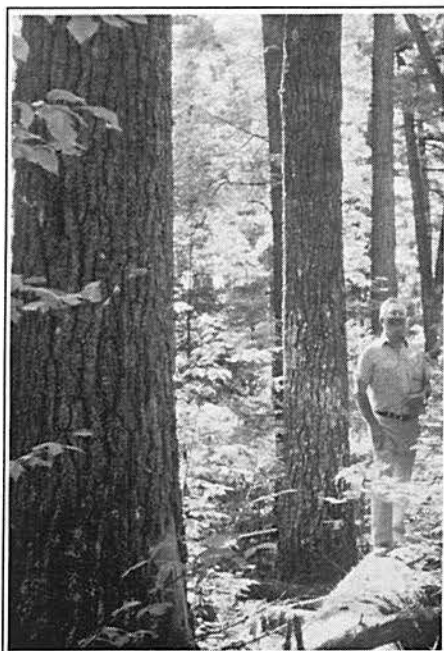
Finnish Tour. Mr. Ulf Runneson, left, conducts a tour of C.A.R.I.S. for a Finnish delegation which included His Excellency Martti Pura, Minister of Agriculture and Forestry and His Excellency Erik Heinrichs, Ambassador of Finland to Canada.



Seniors On Campus. About 50 seniors visited LU recently as part of activities for Seniors' Month. They attended presentations on the opportunities available to them and the option of "Returning to Learning". Tours of the campus were also conducted. The Office of the Registrar reports that there are more than 60 students over the age of 60 who are taking courses. Senior students gave many reasons for returning to the classroom: the pure joy of learning about a certain subject, to fulfill a life-long wish, to have something in common with my grandchildren, to see if I could do it, to get off my duff and see what was happening in the world, I took advantage of the free tuition, to finish what I started many years ago, to see if the grey matter is still working, to get out of the apartment.

OLD-GROWTH WHITE PINE IN NORTHWESTERN ONTARIO

by Dr. William H. Carmean, School of Forestry



Concerns about biodiversity and about old-growth forests are frequently heard from western Canada as well as from areas having tropical rain forests. These concerns also have been voiced in Ontario where cutting old-growth white and red pine forests at Temagami resulted in protests supported by both environmental and aboriginal organizations. The outcome has been heightened

awareness about values associated with old-growth forests. Such values include research, biodiversity, educational, historical, aesthetic, wildlife and recreational values.

These concerns prompted the Ontario Ministry of Natural Resources to recently recognize an old-growth white pine forest near the east border of Quetico Park as a "Research and Education Area". This forest is an almost pure, well-stocked white pine forest that is about 300 years of age. Many trees exceed 90 cm in diameter with clear boles extending up to 18 to 21 m. These large pines have developed in a dense closed canopy and they are not the rough open-grown tree often found in poorly stocked areas. Soils are developed from a stony glacial till capped with a loamy surface soil indicating possible loess origin. Such deep, moist, well-drained soils result in excellent growing conditioning (site quality) for trees thus accounting for the impressive tall trees with large diameters and long clear holes.

Many faculty members at Lakehead University have been actively involved in preserving this unique old-growth forest. Members on the Advisory Committee include Will Carmean and Brian Moore from the School of Forestry, Azim

Mallik from the Biology Department, and Bob Payne from Outdoor Recreation. The Advisory Committee will recommend policies and programs for the Greenwood Lake Forest. Plans are to maintain the area as an undisturbed forest for research and educational purposes and research guidelines are being developed for ecological, forestry and wildlife studies. The area also is available for educational purposes by university and high school students and for visits by conservation groups.

Recognition of the Greenwood Lake Forest is part of an old-growth now being developed by the Ministry of Natural Resources. Such a policy will require studies to inventory remaining old-growth forests in Ontario as well as research leading to a better understanding of the diverse character and multiply values associated with old-growth forests. Funding for such studies may be provided and may already be available through Forestry Canada and NODA (Northern Ontario Development Agreement). Accordingly the Advisory Committee encourages researchers at Lakehead University to actively seek research funding for studies at the Greenwood Lake White Pine Research and Education area. Contact Will Carmean for details about the area and about suggested research projects.

Colleges and Universities Receive \$30 Million to Help Renew Facilities

Ontario postsecondary institutions will receive \$30 million to help with the maintenance, repair and renovation of existing buildings. The funding will be allocated to the institutions through the ministry's Facilities Renewal Fund. Funding will also help improve access to campus facilities for people with disabilities and will help make campuses safer for everyone. Lakehead University has received a grant of \$404,700. Each institution determines which campus projects are to receive funding. The Ministry of Colleges and Universities reviews the proposed projects to ensure that they meet the eligibility criteria before approving funding from each institution's allocation. Decisions with respect to major capital projects will be made in coming weeks.



Winners of the 1992 Helena Raitt Contest: Left to Right: (Judges) Mrs. Marie-Noelle Rinne and Prof. Alain Nabarra; Sameena Black, FWCI-2nd Prize; Paula Haapanen, Hammar skjold-Hon. Mention; Teemu Tynjala, Hammar skjold-1st Prize; Marko Hakkola, Hillcrest & PACI-2nd Prize. Missing: Kathryn Nelson, Hillcrest-Hon. Mention. The contest was founded in 1961 by Mr. G.B. MacGuillivray, then editor of the *Chronicle Journal*, named in honour of MacGuillivray's former French teach at PACI, Mrs. Helena Raitt. The purpose of the contest is to recognize the achievements of Grade 12/OAC students in the area of language learning and is sponsored by the Dept. of Languages.

From AUCC Notes

Helping students belong

A number of Canadian universities are introducing courses and educational materials to combat high drop-out rates and help incoming students have a more successful academic career.

"There is a growing feeling that the weeding out that is going on (in university classrooms) is not a reliable indicator of academic ability," says Murdith McLean, the warden of St. John's College at the University of Manitoba.

This fall U of M will introduce a course designed to help students adjust to life at university. Class sections are intentionally small (no more than 25 students) and topics of study range from oral and written communications to information about the structure of postsecondary institutions and an exploration of lifestyle choices. One goal of the two-year pilot is to measure whether drop-out rates decrease among students who attend the new course.

The University of Prince Edward Island embarked on a similar introductory university course six years ago and administrators there have gathered some telling statistics. About 84 per cent of the students who attend its "University 100" preparation course return to second year, compared to 59 per cent of students in the university's general populations.

"Only a tiny portion of students fail academically. Most leave because they don't feel part of the university community," says UPEI history professor Andrew Robb, a faculty member who helped design the program. Today the course has twice as many applicants as spaces available.

At Manitoba, Dr. McLean agrees that many students who leave university feel like they don't belong. In an attrition study carried out by the school, 90 per cent of the students who quit university reached the decision after talking to a friend. Less than 15 per cent spoke to anyone at the university about their decision, he says.

Other universities have also started to prepare students for the leap from high school to university before they arrive for classes in the fall. The University of Guelph Counselling and Student Resource Centre has designed seven worksheets for school students, teachers and parents that explore the transition, says centre director Andre Auger.

University liaison officers have introduced the worksheets to Ontario high school students during recruiting visits this spring.

From COU

Campus Safety Video For Women

A video that will help educate people about campus safety for women has been released by the Council of Ontario Universities' Committee on the Status of Women.

Safer for Women...Safer for Everyone is the second project of its kind in addition to last year's Women's Campus Safety Audit Guide that has been used by campuses across Ontario.

"Safety for women is becoming an extremely important issue on campuses and elsewhere," said Dr. Laura Selleck, COU's staff advisor to the Committee.

The video was designed to help train participants who will be using the safety audit to conduct a campus audit; however, the video may also be shown to other groups, such as students in residence or employee groups, to raise consciousness of the issue. The video may also be a useful tool for other institutions where accessibility during the day and night make safety a concern.

One copy of the video has been sent to the executive head of each college and university in Ontario. Additional copies of the Women's Campus Safety Guide or *Safer for Women...Safer for Everyone* are available from the Council of Ontario Universities.

From MCU

Sight Impaired Students Services Task Force

MCU Minister Richard Allen announced the establishment of a Task Force to study alternatives to printed materials for college and university students who are blind or have low vision.

The creation of the Task Force was prompted by the desire to improve the effectiveness of the current system of providing transcription services for blind and partially-sighted students attending postsecondary institutions.

Colleges and universities this year will receive more than \$10 million to support the needs of students with disabilities.

The Task Force will review the current delivery of services and recommend better approaches to providing services to blind and partially-sighted students based on cost, quality and timeliness of the finished product.

Attention will also focus on ways co-operation between colleges and universities might lead to improved delivery of services.

The Task Force will forward a report to the Minister by the end of June 1993.

Last Writes

by Katherine Shedden

On the Myers Briggs Personality type indicator I'm rated an ENFP. So what, you say? Well, basically, ENFP's are somewhat chaotic types whose feet don't often touch the ground. Our extroverted natures thrive on knowing what's going on. In the past month, I suffered constantly from being the last person on campus to know what was happening and felt I should turn in my Information Officer badge.

Did you know

* that Dr. Sam Shaw was living in the Bora Laskin Building doing lots of exciting things with Contact North?

* that Macleans is doing another university rating? Apparently this time they will divide institutions into three categories. My theory is that they will then have triple the chance of getting hate mail.

* that big Norm (Lavoie) is back from his sabbatical in Florida and "ready to rip"?

* that Tom Stevens left for Moscow to complete his PhD? Okay, but did you know that Moscow was in Idaho?

* that approximately 300 First Nations people will start arriving on campus next week to begin Native language programs?

* that the other half of residence will be occupied by 90 high school students from Thunder Bay and northwestern Ontario attending the 4-week Science and Technology Summer School?

* that you can learn Japanese on campus this summer?

* that Jim Smithers and his gang have made it to Cumberland House, Saskatchewan ahead of schedule and are coping with lousy weather "by starting each day about 4 am wearing everything we brought?"

* that Bruce Muirhead and Randy Nelson are again staring at final drafts of new books?

* that Gordon Keeler, son of Werden Keeler in Physics, is this year's Presidential Scholar?

* that Betty Coates is the new President of the Alumni Association and when her youngest daughter completes one course, all four Coates "children" and their mother will be alumni?

* that our own Bookstore now has one of the best magazine selections in town?

* that with the encouragement of Bob Welsh I finally knocked off my BED?

I wonder if I can use BA, BE, ENFP?

Campus Calendar

To include your Department's event or activity in the Campus Calendar, please call the Information Office at 8300 or mail your information to SN1002. Deadline for the September Agora is September 4, 1992.

The Chancellor Paterson Library Hours

Summer Session - June 29 to August 13
Monday - Thursday - 8:00am to 10:30pm
Friday - 8:00 am to 5:00 pm
Saturday - 11:00 am to 5:00 pm
Sunday - 1:00 pm to 9:00 pm

Thunder Bay Art Gallery

Until Sunday, July 5
PIMAATISIWIN: QUILTS BY ALICE OLSEN WILLIAMS
Organized by TBAG

Friday, June 19 to Sunday, July 19
REGIONAL ARTISTS SERIES
Works by Ahmoo Angecone, Damon Dowbak, Janet Anderson, Stacey Saukko, Libby Weir and Mark Nisenholt.

Friday, June 26 to Sunday, August 9
OIVA TOIKKA GLASS
Organized by The Finnish Glass Museum, Riihimäki, and the Embassy of Finland, Ottawa. Circulated by the Heritage Policy Branch of Department of Communications, Government of Canada.

JUNE

Sunday, 28

LU Family Picnic 11:00 - 5:00
Outside the C.J. Sanders Fieldhouse
Refreshments provided by Versa Foods.
Contact Norma or Joan at the Switchboard for further information.

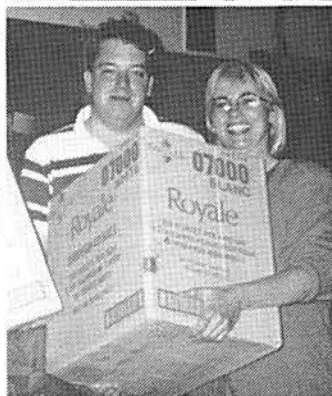
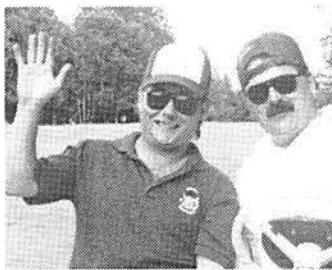
Monday, 29

Summer Session full courses and half-courses commence

JULY

Wednesday, 1

CANADA DAY
UNIVERSITY CLOSED



The Alumni Association of Lakehead University proudly presents their annual

ALUMNI MIXED GOLF Tournament

also - a fun time for non-golfers

sponsored by
Financial Concept Group

and
TRIMARK MUTUAL FUNDS

Sunday, July 19, 1992
at the
Thunder Bay Country Club

\$35.00/person
(includes green fees and BBQ Supper)
12:30 pm Directions and Meet your Team
1:00 pm Tee Off Time - Shotgun Start



Cash Bar

Prizes

Open to all Alumni, Staff, Faculty and Friends

AUGUST

Monday, 3

CIVIC HOLIDAY
UNIVERSITY CLOSED

Wednesday, 12

Summer Term classes end

Thursday/Friday, 13/14

Summers Session examinations

Monday, 24

Final date for submission of Summer Session examination results

SEPTEMBER

Monday, 7

LABOUR DAY
UNIVERSITY CLOSED

Tuesday/Friday, 8/11

Student Orientation and Registration Week

Monday, 14

Classes start

Agora

The AGORA is produced by the Information Office, Department of External Relations, Lakehead University, Thunder Bay, Ontario. It is published monthly (except July & August), and is distributed free of charge to the University's faculty and staff, local government, media, business and friends of the University. Credit is appreciated when material is reproduced or quoted.

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