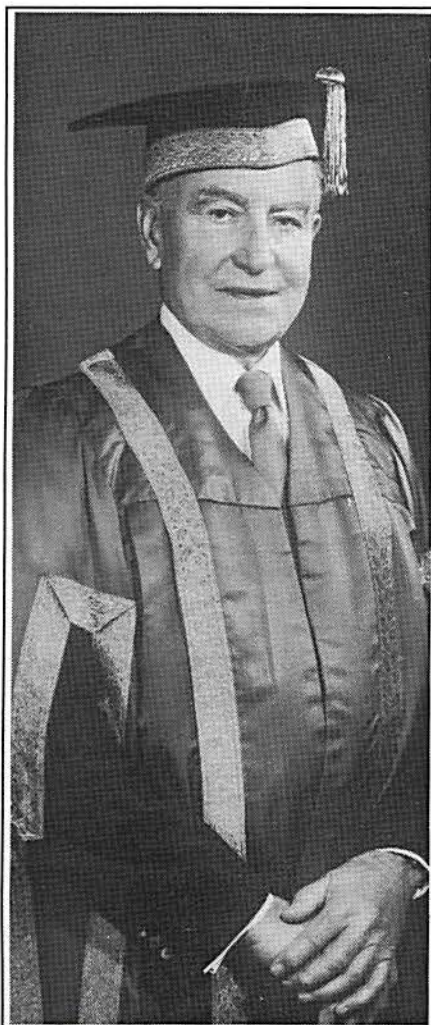




"A GREAT NORTHERNER GONE"

Chancellor Emeritus Robert James Prettie dies



Robert J. Prettie, 85, passed away Sunday, October 3, 1992 after a lengthy illness. Born in Guelph, Ontario and educated in Alberta, Prettie began his long and distinguished career in the Lakehead in 1935, the year he was appointed President of Northern Wood Preservers Ltd. His association with Lakehead University dates back to 1962 when he was first elected a Governor of the Lakehead College of Arts, Science and

Technology. In 1967, Mr. Prettie served as Chairman of the University's building fund drive, and it was largely through his efforts and those of John N. Paterson, both of whom took about a month off from their own busy schedules to stump the country in search of funds, that more than \$3.5 million was raised during the early campaign. It was through the outstanding efforts of people like Robert Prettie that the Ontario Government was convinced that northern Ontario needed a university. Robert Prettie was Chairman of the Board of Governors at Lakehead University from 1971 to 1973. In May 1978 he received the first honorary Doctorate of Commerce ever bestowed at Lakehead. In 1980 he was installed as the second Chancellor, after Norman Paterson, and served two consecutive 3-year terms, retiring from his post in 1986.

President Bob Rosehart said "we have lost a great northerner, a pioneer entrepreneur and a friend". An extremely active member of the community, Prettie served as chairman or president of such organizations as the Northern Development committee of the Ontario Economic Council, the Ontario Forest Industries Association, the Port Arthur Chamber of Commerce, the Northwestern Ontario Development Association, Thunder Bay Country Club and a great many local and regional Civic associations. Mr. Prettie leaves his wife Laura (Foot), two daughters and six grandchildren.

NAPE - off and running



An emotional traditional drumming and sweet grass ceremony lead by Dr. Richard Lyons launched Ontario's first Native Access to Engineering Program (NAPE). This new program will not only make it a little easier for native students to enter engineering but is also a vital step in Native education and along the road to First Nations' self-sufficiency.

The engineering program is the first ever for an Ontario university. It is not a coincidence the university is Lakehead, which now has the largest Native student body in Canada with approximately 430 students.

"There is a need for science-oriented training," said Alfred Linklater, Director of Education for the Assembly of First Nations. "Our communities will need engineers to prosper and develop."

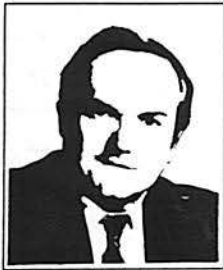
According to Dr. Gary Locker, Director of the School of Engineering, NAPE was designed over a two-year period in close cooperation with several Native organizations, including tribal authorities, community groups and local elders. Students first take a six-week orientation program of introductory courses in math, science, communications, and

Continued on page 11

In this issue:

Hearts for Life.....	3
Many ways to give.....	8
"Yes-No-Maybe So"	10

REPORT FROM THE PRESIDENT



**Dr. Bob
Rosehart**

Chancellor Emeritus

Dr. Robert J. Prettie, Chancellor of Lakehead University from 1980 to 1986 died Sunday, October 4, 1992. Bob was truly one of the originals at Lakehead University and was directly involved in the initial corporate fund-raising in the 1960's that convinced the government of the day to provide funding for the Oliver Road campus. He was a very personable individual who had a great zest for life. He was a dedicated reader of the "Agora" and never lost interest in the happenings at Lakehead University. Condolences to the Prettie family from your many friends at LU.

Enrolment '92

Although we were expecting a new record enrolment of just over 5,000 students, our actual intake is just over 5,350 full-time students. Lakehead and York Universities were the only institutions with significant first-year growth. Most of the remaining Ontario institutions declined either by choice or student preference with the total year one system being down 1.2%. The increased enrolment resulted in numerous scheduling changes but the feedback has been generally positive about the way in which the additional enrolment has been handled. It is clear that our sessional teaching budgets are going up as well as some other limited budget items. I would anticipate that when the Task Force on Funding reviews our current budget, while we may have made some ground on the cumulated deficit, budgets will continue to be extremely tight. Five provinces, including Ontario, have now instituted university restructuring initiatives driven by perceptions of future societal needs and the current and project fiscal realities. I expect, from an enrolment perspective, we have more or less peaked.

Halliday Hall

Fundraising continues to go very well for the Halliday Hall - Fellowship Resi-

dence project. To date approximately \$370,000 of the \$500,000 objective within the Share Our Northern Vision Campaign has been raised. Associated with this project, is the Alumni House Complex. \$250,000 has been pledged and will be raised through an upcoming capital ask of the Alumni membership. In the next few months we expect to begin conceptualizing the design and location of the facility.

National Student Day - October 21

This year, October 21, 1992 has been designated National Student Day by the Canadian Federation of Students. The day is featured to protest the continually deteriorating financial support for post-secondary education by the Federal and Ontario Governments.

In Thunder Bay, Lakehead University's students are going to participate in a rally at the O.S.A.P. Office in the afternoon between 1:30 and 4:00 p.m. Although classes and scheduled tests are not to be cancelled, we would appreciate any accommodations that could be made to allow maximum participation in this public activity. We would also encourage you to come down to the O.S.A.P. Office to hear the speeches. Remember, we are all in this together.

Early Retirement Incentive for Staff

Recently approved is a one-time only universally accessible (for those between 60-64.5 years on December 31, 1992) early retirement program for staff. The sign-up

period is November 1 to December 31, 1992 and, if you are interested in exploring this opportunity, please see Bill Bragnalo.

Ontario Graduate Scholarship Programme

This past year, the following Lakehead University faculty members participated in the adjudication process for the 92/93 Scholarships:

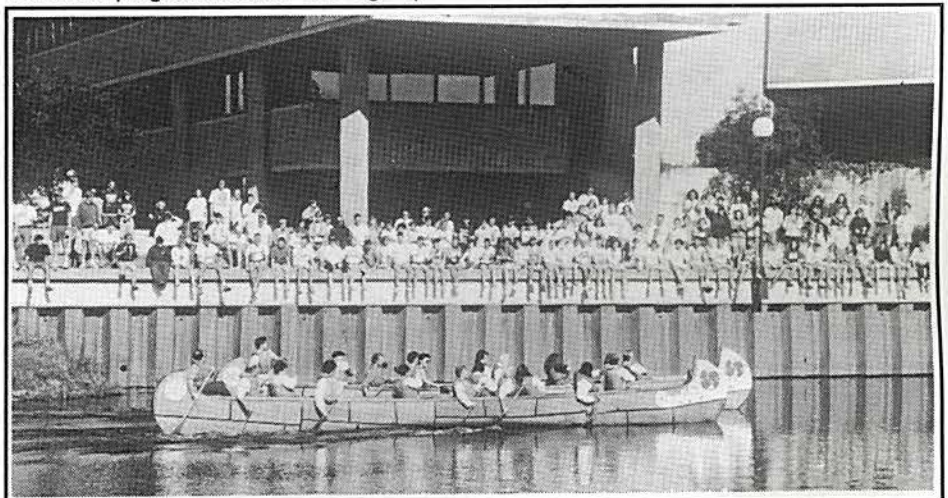
R. Holmes, English
B. Muirhead, History
C. Southcott, Sociology
I. Newhouse, Physical Education
M. C. Courtland, Education (Chair)
A. Macdonald, Biology
P. Fralick, Geology
W. Sears, Physics

On behalf of the O.G.S. Selection Board, I would like to recognize the commitment of the above to a programme that encourages scholarly excellence across the Province.

Congratulations

1. **Safety First** - 120 days and counting. With the winter session just around the corner - take extra care on paths and walkways. Please note and use the new safety rails at the entrance of the Chancellor Paterson Library.

2. **L.U./Confederation College 2nd Annual Great Canoe Challenge** - Apparently, their boat won by a hair! For next year, we will install a high-tech laser system to ensure no doubt about the true winner.



There's always next year!

A large audience of first year students cheer on the LU and College teams during the Second Annual Canoe Challenge at Lake Temblay. Confederation College won by a stroke.

AROUND CAMPUS

Tony Seuret Named Chair of the Board of Governors



It seems appropriate that one of the first duties of the new Chairman of the Board was to meet members of the first year Business Administration class. 25 years ago Tony Seuret began his teaching career at Lakehead University in the School of Business. He served as Director for three years and when he left in 1977, began a 15 year term on the Board of Governors where he served on every committee. Seuret takes over the Chair

from Robert Paterson who has been on the Board for 9 years and will serve another term.

A graduate of the University of Western, he earned a BA and Master of Business Administration (Hons) '68, coming directly to LU for his first teaching position. When he left the University, he joined Thunder Bay Television where is currently Vice-President and General Manager. An avid collector of local art and supporter of developing artists, the Montreal-born Seuret says he also acquired some northern tastes and likes to occasionally wet a line. "Fish are quite safe where I fish," he claims. His extremely busy schedule with television and the duties of Board Chair is offset "by living on an island on Lake Superior in wonderful solitude."

Audrey McLaughlin On Campus

Federal NDP leader Audrey McLaughlin visited Lakehead University on October 2. Speaking to a large audience, McLaughlin called for Canadians to educate themselves about the new constitutional accord. "In the next few weeks people are going to hear more about the constitution than they wanted to in their whole lives. I hope people take the time to read the accord and listen to some debate."



McLaughlin believes that she can fully support the new accord without reservation. She likes the social and economic union outlined in the text, saying it shows the vision, goals and common values all Canadians hold. "There are real achievements in the accord. It's not the end. It's a living document and can be changed as the decades go on and long after we're all gone."

See page 4 for a list of further on-campus discussions concerning the Referendum.

Hamilton To Study High Falls Power Project

Lakehead University archaeologist Scott Hamilton will study the High Falls power project near Beardmore to see what can be done with an ancient native burial site that was unearthed in mid-September.

Hamilton found the bones in an area that the Poplar Point Indian band says is a sacred burial ground. He confirmed that the area contains pre-historic unmarked graves. Under the Cemeteries Act, an archaeological study of the area is needed to determine the origin of the burial site. The Ministry of Natural Resources will pay for the five-day probe and once the study is completed Hamilton will file preliminary recommendations to the Cemeteries Branch of the

Nursing Professors and Community Health Workers develop *Hearts For Life* program

A community-wide two year program to promote heart health to Thunder Bay residents was initiated by Lakehead University researchers in partnership with the Thunder Bay District Health Unit and the Ontario Heart and Stroke Foundation.

The education program, spearheaded by School of Nursing professors Dr. Darlene Steven and Professor Rhonda Kirk-Gardner, is designed for early identification of those men and between between ages 20 and 64 at risk of developing heart disease. It will provide for lifestyle changes for those at risk which will be determined by a Coronary Risk Profile.

Dr. Stevens says "the program is tailored for small group demonstration, with the goal of encouraging consumer and corporate groups to access it. When you are talking about increasing the awareness of risk factors associated with heart disease, such as diet, smoking, stress, weight and exercise, we believe that people will be motivated to change their lifestyle".

The Public Health Nurse educators plan to conduct educational sessions and LU researchers will monitor and evaluate the program. Funding for the project was granted by the Ontario Ministry of Health, Health Promotion Grants program. For a group booking call 625-5900.



President Bob Rosehart gives his support to the *Hearts for Life* program. Professor Rhonda Kirk-Gardner, left, and Dr. Darlene Steven, far right, get Shelley Wark-Martyn, Minister of Revenue, interested in the new program and promise to send the information kits to her constituency office.

Around Campus continued on page 6

WHAT'S HAPPENING IN THE LIBRARY

What Number Should I Call?

Have you ever wondered which department in the library can answer your specific request? Some often asked questions (and how to find out more information) are:

📖 Can the general public borrow books from the library? - Call the Circulation Department at 343-8137.

📖 How can I arrange a tour of the library? - Call the Orientation Librarian, 343-8147.

📖 I need overhead transparencies for a presentation. . . - Call Photocopy Services, 343-8296.

📖 How can I get an article from a journal to which the library does not subscribe? - Call Interlibrary Loans, 343-8135.

📖 Is there an easy way to search Psychological Abstracts? What is CD-ROM? - Call the Search Services Librarian, 343-8129.

Silent Words

by Ruby Slipperjack



Ruby Slipperjack, Acting Co-ordinator of the Native Teacher Education Program recently launched her new book *Silent Words*, at the Lakehead University Alumni Bookstore. Slipperjack is currently working towards a Master's degree in Education at LU and received her B.A. in History in 1988 and Bachelor of Education in 1989.

Slipperjack is an Ojibwa from the Fort Hope Indian Band in Ontario. She has retained much of the traditional religion and heritage of her people, all of which inform her writing. Her first novel, *Honour the Sun*, about a young girl growing up in a tiny Ojibwa community in Northern Ontario, earned rave reviews and is widely used in schools.

Set in northwestern Ontario in the 1960s, *Silent Words* tells the story of a young Native boy and his journey of self-discovery. Danny's life is a daily struggle for survival. He runs away from a violent and abusive situation, and on his own, finds his way through a series of Native communities along the CN mainline. Various people take the boy in for a time, including a family with other children, an elderly couple, a boy and his father, a young bachelor and a wise old man. Through his travels and encounters, Danny learns about himself and the world he lives in.

Silent Words offers an intimate view of Native communities and their values: being nonjudgemental, open and accepting, sharing with others, and respecting elders. Danny starts his journey without an understanding of his Native background, thus allowing readers to experience and learn with him as he undertakes his quest for self-knowledge and ultimate reunion with his father.

The language of the novel is simple and accessible, and yet richly evocative of the flavour of northern Native life. Ruby Slipperjack writes with great sensitivity about the people and places she knows, and it is her unique storytelling ability that provides the power and insight in the novel. She says, "I've been to all the places I write about. I know the smell, feel and texture of the earth I walk on. I belong to it." Slipperjack shows a remarkable ability to convey with English words, the subtle forms of non-verbal communication, the implied meanings, the silent words, that are an integral part of Native expression.

For more information about any of the services offered by the Lakehead University Library, please contact the Information Desk at 343-8302.



Remote Access To The Online Catalogue provides up-to-date information on the holdings of The Chancellor Paterson Library and the Education Library. The Online Catalogue can be searched from location on campus as well as off campus with the appropriate communications software and a microcomputer with a modem.

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.

Task Force On University Accountability

The provincial Task Force on University Accountability met Lakehead University officials recently to discuss ways of making universities more accountable for the money they spend. The committee is touring the province meeting individual university boards to find out how they can set up some kind of accounting-reporting system to make sure the university and taxpayers get the most for their money.

\$2 billion in public funds are spent annually on universities and according to Task Force Chairman William Broadhurst, there has to be some accountability to the public.

Universities want to be consulted about expanded powers for the provincial auditor before final decisions are made. The Task Force was created to hear their concerns.

EVERYTHING YOU EVER WANTED TO KNOW ABOUT THE REFERENDUM - and more!

WEDNESDAY - October 21 at 10:30 RC1001. Speaker: Hon. Bud Wildman, Minister of Natural Resources and Minister Responsible for Native Affairs Secretariat. After the talk he will be at the Native Drop-in Centre at 11:30 AM and then attend a "Yes" Committee Meeting in the Little Dining Room at noon.

THURSDAY, October 22 at 2:30 pm in room RB 3044.

Speaker: Hon. Richard Allen, Minister of Colleges and Universities and Skills Development (and former university history professor) will give a short presentation on his views on the Constitution followed by a question and answer period.

THURSDAY, October 22 at 7 pm in the Braun Building Room 1021. PANELISTS: Dr. Steve McBride, Dr. Gary Munro and Dr. Douglas West. Sponsored by the Department of Political Studies.

FRIDAY, October 23 at 7:30 pm in the Nursing Building Room 1015. Speaker: Judy Rebick - President, National Action Committee on The Status of Women will be speaking on the Charlottetown Accord and The Future of Child Care on Co-sponsored by: Northwestern Ontario Women's Decade Council, Lakehead University Student Union's Gender Issues Centre and Lakehead University Women's Studies and Political Studies.

ALL SESSIONS FREE AND OPEN TO THE PUBLIC

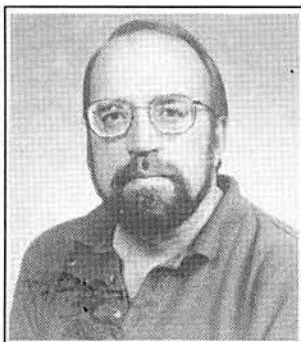
Lori Tuinstra

Lori Tuinstra admits she's got one of the best offices on campus. She and the students currently enrolled in the Native Access Program for Engineering have moved into office space on the 5th floor of the library. The program, which had its kick-off in late September, is designed to upgrade the education of native students wanting to enter the mainstream engineering program. Born in Corner Brook, Newfoundland, Lori moved to Sioux Lookout when she was 18 and came to Thunder Bay to attend Lakehead University. She graduated from LU in 1988 with a Bachelor of Science degree and in 1990 with Bachelor of Education degree. Since then she has "worked in a variety of labs around town, including the Cancer Clinic and has been teaching at city high schools." When she isn't at work Lori enjoys outdoor activities like camping, hiking and skiing. "My husband and I just bought a house so we have very little time for anything besides renovating." Tel. ext. 7710.



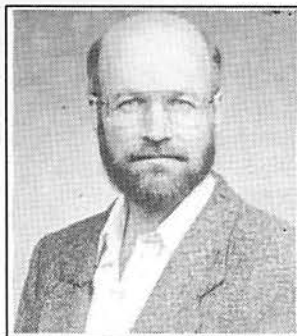
David Twynam

Assistant Professor G. David Twynam has been appointed one of three new faculty members in the School of Outdoor Recreation, Parks and Tourism. Born in Montreal, Quebec, he earned his Bachelor of Arts degree in Physical Education at the University of New Brunswick and his Masters and Ph.D. at the University of Oregon. This is the first time Twynam has been in Thunder Bay and speaks highly of his first few experiences. "The people have been friendly and helpful, the recreational opportunities are very good; overall, the quality of life here seems pretty good." He just finished a 13-day canoe trip with some students and professors. "It was 13 days of rain; the area was incredible and the students were very good. We had a great time." Twynam enjoys doing outdoor activities with his family as well as getting involved in community activities. Tel. ext. 8747.



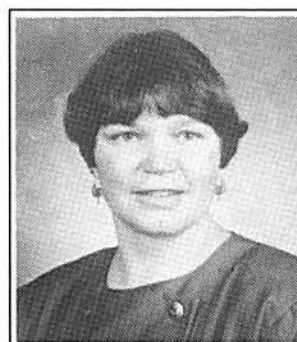
Whoops! In last month's write up about Dr. Medhat Rahim there were a few errors which deserve clarification. Dr. Rahim taught at the University of Alberta from 1977 to 1988 with only one year ('85) at the Frogg Lake Reserve. The editor has also learned how to spell **Baghdad** (his undergrad alma mater) and locate the University of the West Indies in Trinidad. Sorry for any inconvenience.

Thomas Puk



Dr. Thomas Puk is new to the School of Education. An assistant professor, Puk was born in Oshawa, Ontario where he received his Masters and his Doctorate at the Ontario Institute for Studies in Education (OISE). He was an education officer for the Ministry of Education in Thunder Bay for three years before the opportunity to join Lakehead arose. "I enjoy the challenge of teaching," Puk says. He also doubts that he'll get bored with his job anytime soon. "There are too many things involved: teaching, research, writing, among others, for that to happen. Diversity adds to the pleasure of life." Puk enjoys rock climbing, running and other outdoor activities. He spends time in the summer as an outdoor consultant. He also writes music that's "tough to classify." Tel. ext. 8710.

Marla Peuramaki



We finally have our Human Resources Officer in charge of Occupational Health and Safety. Marla Peuramaki comes to her new position from the Ministry of Natural Resources, where she developed a health and safety program. Her goals at LU include making our program more proactive; "I want to go from looking at accidents and trying to prevent them, to looking at the person in their environment, assessing stress, that sort of thing." Peuramaki was born and raised in Thunder Bay; in fact, she got her Forestry diploma and Bachelor of Arts degrees in Geography and Anthropology at Lakehead. In her spare time she enjoys weaving and making stained glass. Tel. ext. 8671.

Another Dr. in the House! Professor Robert Dillely successfully defended his Ph.D thesis at McMaster University. The 650-page thesis is entitled "Common Land and Agriculture Change in Cumberland 1700-1850". It is an historical geographical study of part of northern England, using a vast range of original documents to chart 150 years of change in landownership, crop raising, animal husbandry and especially the enclosure of the great expanses of open, common land which once dominated the landscape. Dr. Dillely acknowledges the support of his wife, Tina, and looks forward to his November graduation - even though held Friday the 13th.

Toxic Cloud Thanks

Members of the University have been thanked by the Ministry of the Environment for their assistance in analyzing the Armstrong "toxic cloud" samples in July. Mr. J.D. Stasiuk from the Laboratory and Utility Operations commented on "the able assistance of Ain Raitsakas, Keith Pringnitz, Dr. Holah, and Allan McKenzie, who enabled us to provide a very fast initial response to this crisis while awaiting the results of other sophisticated but time-consuming tests." The fast response was of immense importance to the Ministry of Natural Resources staff as well as the individuals directly involved, who were understandably concerned for their health.

Cornwall Concert Series

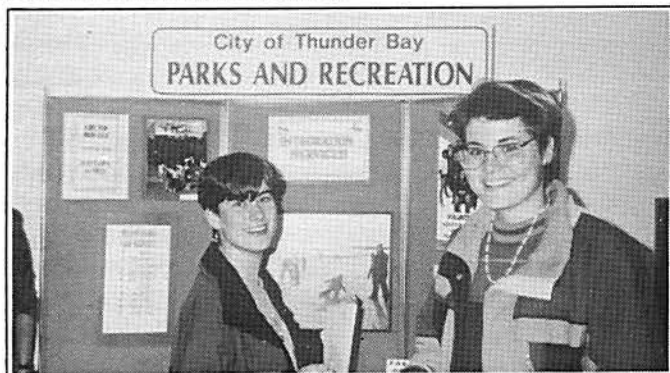
Pianist Raymond Spasovski, who will be performing Prokofiev's Third Piano Concerto with the TBSO on October 29, will perform in the Cornwall Series on October 27. Spasovski was a major prize winner in the Glory of Mozart International Piano Competition. Mr. Spasovski has performed throughout the world and in 1986 performed a seventeen-concert tour of New Zealand with the New Zealand Symphony Orchestra.

A concert by one of the most popular duos from previous seasons, Peter Shackelton, clarinet, and Heather Morrison, piano, takes place on November 10, and is co-sponsored by the Thunder Bay branch of the Ontario Registered Music Teachers' Association. The first half of the season is rounded out by a Canada Music Week Concert on November 24 by the Thunder Bay Chamber Players. The Thunder Bay Chamber Players comprises players from the TBSO and has the distinction of having played the very first Cornwall Concert on January 24, 1989.

Finlandia Festival 75 Dinner Dance November 28, 1992

A special fundraising Dinner has been organized for the proposed Chair of Finnish Studies at Lakehead University. Tickets are \$75.00 per person and black tie is optional. Dinner will be held at the Lakehead University cafeteria. The menu will feature Finnish food, i.e. reindeer. Noted Canadian fashion designer, Peter Nygard will be the after dinner speaker. For more information contact any of the following between the hours of 9:00 am and 5:00 pm: Martti Tenander - 345-4783, Peter Makila - 345-3687, Seppo Paivalainen - 344-9161.

Lakehead University and the Canadian Suomi Foundation have been raising funds towards the establishment of a permanent Chair of Finnish Studies at Lakehead University. The goal of one million dollars would fund the Chair in perpetuity. Approximately \$310,000 has already been raised.



Outpost News

Starting October 5 there will be an "Express Lunch" set up in the mezzanine level of the Outpost. There will be soup, sandwiches, salads and a daily omelette. Payment is made at the Mezz Bar with the bartender. The customer is given a "chit" to present to the express lunch cook who will prepare your order. This will be available Monday through Friday from 11:00 am to 2:00 pm. Pizza is now available in the Outpost sold whole or by the slice (only after 8:00 pm now). The Outpost presents "The Coffee Club" where you pay \$6.00 for 11 cups of coffee - one cup free.

LU Radio

Lakehead University Radio is celebrating its first anniversary! The radio station urges all departments to make use of our facility. Several times during the day public service announcements are made. These announcements could include upcoming events from service clubs or news from schools or departments. About six hours of the broadcasting day is devoted to spoken word shows. Last year, the Languages Department used the radio as a teaching tool. If you have any questions, please call Howie Harshaw, Production Coordinator at ext. 8882.

Green Biz Kids get a Lesson in Forestry

As part of orientation activities for first year business students, students planted over 500 spruce seedlings on campus with a little help from their friends in the School of Forestry. Despite the rain and mud, teams of students were given planting assistance from Gary Murchison, Richard Clarke, Steven Elliott, Gil Vanson, Don Barnes, Catherine Blachford, Mike Gluck, Peter Johnson and Mike Guitard.



Lakehead University Residence Students Give Back

On September 22, LU Residence hosted a volunteer information night. Over 20 local agencies were represented and over 150 students attended the evening. Students were able to meet the volunteer administrators and find out how they're needed. Many students will volunteer this year and gain valuable experience. On September 27, residence hosted the second annual carnival to raise money for their foster child, Matthew Sithole. The weekend of October 3 was spent gathering over 600 items for the Thunder Bay Food Bank and some residents assisted the CNIB in their annual United Way fundraising appeal.

RESEARCH NEWS

CONTACT NUMBERS:

Director: Dr. Connie Nelson	ext. 8793
Research Officer: Anne Klymenko	ext. 8223
Special Projects Officer: Kelly Morris	ext. 8939
Graduate Studies, Awards,	
Animal Care: Kris Delorey	ext. 8785
Research Secretary: Lynn Gollat	ext. 8283

OCTOBER 1992

LAKEHEAD UNIVERSITY ANIMAL CARE COMMITTEE

The Lakehead University Animal Care Committee is a President's committee which was established in the early 1970's to ensure the ethical use of animals used in teaching and research. The Committee composition and Terms of Reference are governed by the Canadian Council on Animal Care and the Ministry of Agriculture's Animals for Research Act. The administrative office for the Committee is the Office of Research and Graduate Studies.

Under the present Terms of Reference, the Committee meets at specific times in September, December, February, April and July to review research protocols. The Committee's role is to ensure that all animal care and experimentation is conducted within the guidelines of the Canadian Council on Animal Care and the Ontario Animals for Research Act. Project forms must be completed for all animal use including research, teaching, testing and field studies. The forms may be obtained from Kris Delorey, the Committee Co-ordinator, in the Office of Research and Graduate Studies. Project forms should be completed and submitted at least two weeks prior to the regularly scheduled meetings so that there is adequate time for the Committee to review the protocols. Researchers are invited to the meetings to discuss their protocols and may be accompanied by their honours/graduate students. Protocols are updated and reviewed on an annual basis under the guidelines of the Canadian Council on Animal Care.

The present Committee composition includes the President, one animal user from the Department of Biology, one animal user from the Department of Psychology,

one animal user from the School of Forestry, two non-animal users from the University, a community representative, and a local veterinarian. Each member serves a term of three years except the Chairman, whose term is reviewed annually, and the President, who is a permanent member.

All animal research facilities are inspected several times each year by a veterinary inspector from the Animal Industry Branch of the Ministry of Agriculture. These unannounced site visits are made to ensure that the University is in accordance with all articles of the Animal Research Act. The Animal Care Committee also visits the facilities several times during the year.

A resource library which includes publications and guidelines for the welfare and handling of animals is available in the Office of Research and Graduate Studies. Faculty and students using animals for research are encouraged to use the library.

CREIGHTON CENTRE SEEKS RESEARCH PARTNERSHIPS

The William W. Creighton Youth Services provides detention, custody and community support services to Young Offenders in Northwestern Ontario. The Agency's special mandate is to serve youth between the ages of 12 to 15 years (Phase I). They strongly believe that the needs of adolescents are best served by the provision of positive, growth-oriented programming to help young offenders change the destructive behaviour that so concerns society.

The Board and Management of the William Creighton Youth Services is committed to ongoing evaluation of service and programs for young offenders

continued page 2



The 1992-93 Animal Care Committee. Back row clockwise: Dr. Alan Bowd, Dr. Bill Potter, Dr. K. Paul Satinder, Mrs. Carol Driben, Dr. Harold Cumming, Dr. Robert Omeljaniuk, Ms. Kris Delorey, Dr. Dan Weeks.

and the community. They have approached Lakehead University to explore research areas of common interest with the hope that future linkages would be forged. The Centre has already shown their willingness to collaborate with the University by establishing a Graduate Student Scholarship in the amount of \$2,500 for thesis topics related to young offenders or the Young Offenders Act. The Agency would now like to establish research links with faculty; some potential areas of interest to the agency are:

1) Sentencing patterns: Relationships to the offense; consistency of sentencing in various courts; significant variances related to cultural background, gender, age.

2) Progression of Offending: Relationships between age of the offender and severity of the offense.

3) Judicial Consistency: Degree of consistency

4) Recidivism: Patterns of re-offenses; proportion of youth in secure custody who have previously been in open custody, or other community residential programs.

5) Historical Analysis: Impact of the Young Offenders Act on service to youth in this community.

6) Effectiveness Studies: Follow with youth discharged from custody; Is there benefit to young offender being detained in facilities in a community setting in their home area.

7) Physical Environment: Impact of building design on program effectiveness in detention/custody.

The William W. Creighton Youth Services welcomes other suggestions for research related to young offenders. For further information, please contact: Mr. Bob Thompson, Executive Director (345-4456) or Anne Klymenko, Research Officer, Lakehead University (343-8223).

INTERNATIONAL RESEARCH OPPORTUNITIES

CANADIAN-SCANDINAVIAN FOUNDATION

Scholarships and Grants 1993-94

The Canadian-Scandinavian Foundation provides grants and scholar-

ship assistance to younger Canadian students, scholars and independent researchers wishing to undertake studies or research in the Nordic countries. Each year, between five and ten scholarships/grants are awarded in support of such diverse fields as Fine Arts studies, public policies, environmental research, urban planning and conservation, business management, history and political science. In the past, the value of the grants has ranged between \$500 and \$5,000. **Deadline: January 31, 1993.**

Canadian Commonwealth Research Fellowships and Visiting Fellowships 1994-95

The Research Fellowships are intended to bring to Canada from universities and research centres of other countries of the Commonwealth, scholars of established reputation whose presence in Canadian universities is expected to benefit themselves, their countries and Canada. **Deadline for nominations is October 31, 1992.**

The Visiting Fellowships are intended to bring to Canada from other countries of the Commonwealth, persons who are prominent in any function at universities, colleges, primary or secondary schools, technical institutes or related educational agencies, to discuss various educational matters with Canadian colleagues. **Deadline for nominations is October 31, 1992.**

Opportunities for Cooperation with Brazilian Universities

The Catholic University of Goias is interested in working with Canadian universities in the following areas of study and research: the Indian population of the Brazilian central region; the Brazilian scrubland region; biochemistry; pharmacology; venom immunology; fish reproduction in captivity; and the problems of needy children and adolescents. Further information is available from the Research Office.

Cooperation with Thailand

Canadian faculty planning to visit Thailand either for work-related purposes or for holidays are asked to inform Dr. Mary Sun, the CIDA representative in Bangkok, in advance. Thai universities have expressed an interest in hosting visiting Canadian academics for a seminar or lecture, and covering local travel expenses and accommodations.

RESEARCH OPPORTUNITIES

FORESTRY CANADA/NSERC RESEARCH PARTNERSHIPS PROGRAM

Forestry Canada and NSERC would like to bring to the attention of all researchers the above program offering great opportunities for funding forestry-related research. Under the program, cash contributions by industry towards approved research projects can be tripled: Forestry Canada and NSERC will each match industry's cash contributions. The funds are used primarily for the support of graduate students and postdoctoral fellows working on projects consistent with the priority research needs of Canada's forest sector. Current priorities include research on forest management systems, forest product development, biotechnology, improved pest management techniques, and studies on atmospheric change and environmental impact. Academic staff members of all faculties involved in forestry-related research at Canadian universities are eligible to apply to the program.

Deadline: December 1, 1992.

CANADIAN FITNESS AND LIFESTYLE RESEARCH INSTITUTE

Research Contributions Program

The Canadian Fitness and Lifestyle Research Institute has a mission to enhance the well-being of Canadians through research and communication of information about physically active lifestyles to the public and private sectors. The institute takes an integrated approach to understanding physical activity in human experience and strives to address fitness issues from complementary perspectives of the health professions, the social and behavioral sciences, and the physical and biological sciences. The Institute encourages investigations concerning physical activity, fitness, the inter-relationships between physical activity, fitness, lifestyle, and health, and the use of this knowledge in the development of programs and services. **Deadline: on or before December 1, 1992.**



Lakehead University Organization 1992-93

BOARD OF GOVERNORS

Mrs. Annette Augustine
Prof. J. David Bates
Mr. Duncan Bradley
Mr. E. W. (Ted) Christiansen
Mrs. M. V. (Mickey) Christiansen
Dr. James T. Colquhoun
Mrs. Maureen Doig
Dr. Laurie Garred
Mr. Paul Gordon
Mr. David Hamilton
Mr. Steve S. Hessian
Mrs. Florence Johnston
Mr. Tom Jones
Mr. James H. Lunny
Mr. Ian Middleton
Mrs. Dusty Miller
Mr. Fredrick Nowgesic
Mr. John P. O'Brien
Mr. Patrick J. O'Brien
Mr. Robert J. Paterson
Ms Mary Jean Robinson
Dr. Robert G. Rosehart
Mr. Douglas Scott
Mr. Anthony H. Seuret
Mr. Fred Stille
Mr. J. William Tennier
Mrs. Bonny Wigmore
Mr. Eric Wilson
Dr. Ernst Zimmermann

OFFICERS OF THE BOARD OF GOVERNORS

Chair: Mr. Anthony H. Seuret
Past Chair: Mr. Robert Paterson
First Vice-Chair: Mr. Patrick O'Brien
Second Vice-Chair: Mrs. Maureen Doig
President: Dr. Robert G. Rosehart
Secretary: Mrs. Beverley Stefureak

Executive Committee

Mrs. A. Augustine
Prof. J. David Bates
Mrs. Maureen Doig
Mr. Paul Gordon
Mrs. Florence Johnston
Mr. John P. O'Brien
Mr. Patrick J. O'Brien
Mr. Robert J. Paterson
Dr. Robert G. Rosehart
Mr. Anthony H. Seuret, Chair
Mr. Fred Stille
Mr. J. William Tennier

Lieutenant Governor's Appointees

Mrs. M. V. (Mickey) Christiansen
Dr. J. Colquhoun
Ms Mary Jean Robinson

STANDING COMMITTEES OF THE BOARD OF GOVERNORS

Audit Committee

Mr. Steve S. Hessian
Mrs. Dusty Miller
Mr. Fred Nowgesic
Mr. Fred Stille
Mr. Eric Wilson

Campus Development Committee

Prof. J. David Bates, Chair
Mr. E.W. (Ted) Christiansen
Mr. Paul Gordon
Mr. Ian Middleton
Dr. Robert G. Rosehart
Dr. Ernst Zimmermann

Financial Planning Committee

Mr. Duncan Bradley
Mr. Paul Gordon
Mr. Patrick J. O'Brien, Chair
Mr. Douglas Scott
Mrs. Bonny Wigmore
Mr. Eric Wilson

Fund Raising Committee

Mrs. Mickey Christiansen
Mayor David Hamilton
Mrs. Florence Johnston, Chair
Mr. Tom Jones
Mr. James Lunny
Mrs. Bonny Wigmore

Human Resources Committee

Mrs. Maureen Doig, Chair
Mrs. Dusty Miller
Mr. John P. O'Brien
Mr. Bill Tennier

Investment Committee

Mrs. Annette Augustine
Mr. Duncan Bradley
Mr. Steve S. Hessian
Mr. Anthony Seuret, Chair (ex officio)
Mr. Fred Stille

Nominating Committee

Prof. David Bates
Mr. Ted Christiansen
Mr. Lou Gallagher
Mr. Paul Gordon
Mr. G. Sydney Halter
Mr. Robert Paterson, Chair (ex officio)
Mr. Bill Tennier

SENATE

President and Chair: Dr. Robert G. Rosehart
Vice-President (Academic): Dr. John H. M. Whitfield
Chief Librarian: Mr. Fred H. McIntosh
Registrar: Mr. Pentti A. Paularinne
Deans of Faculties: Dr. James H. Gellert (Arts and Science), (Professional Studies)

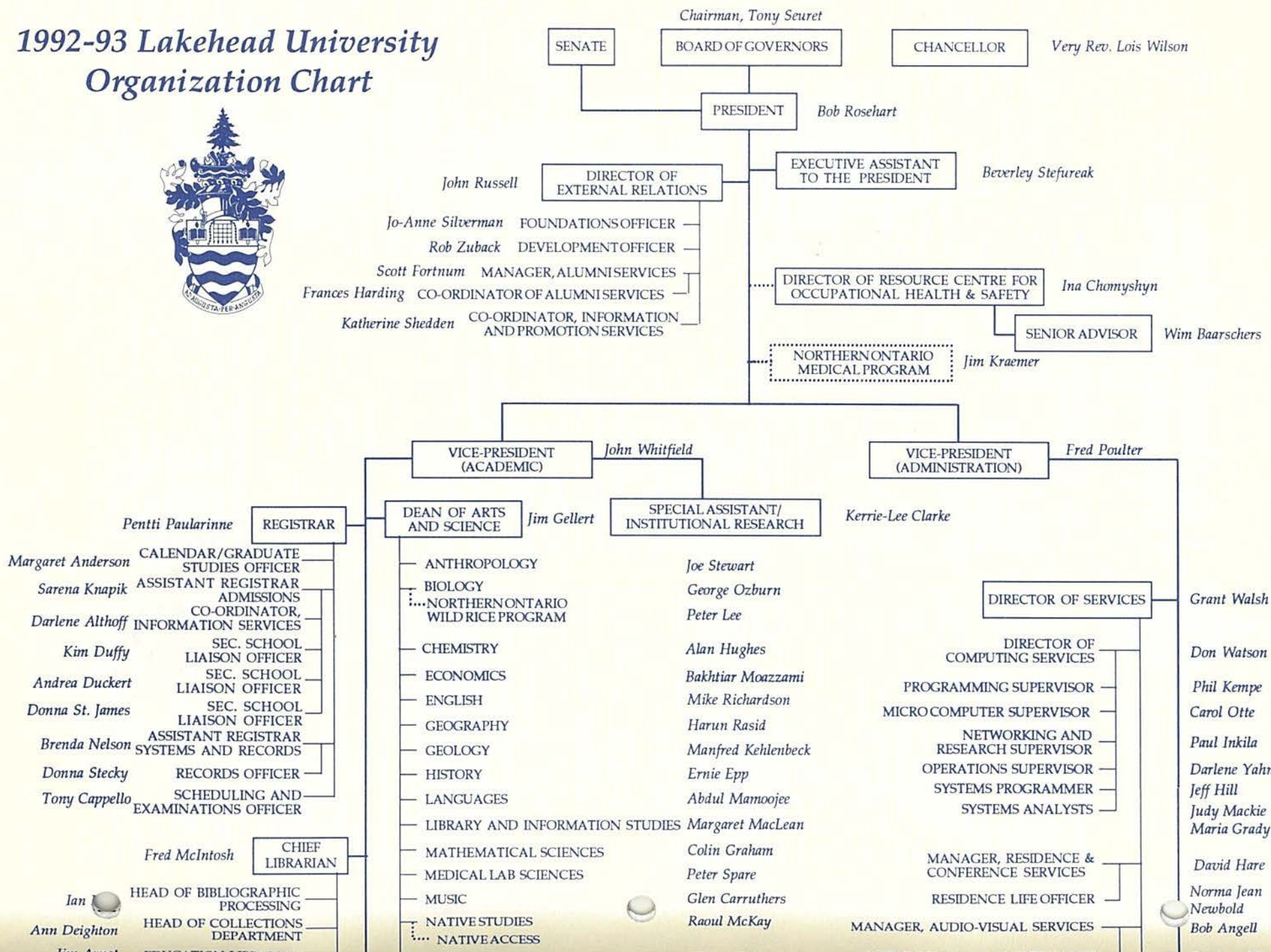
Heads of Teaching Departments

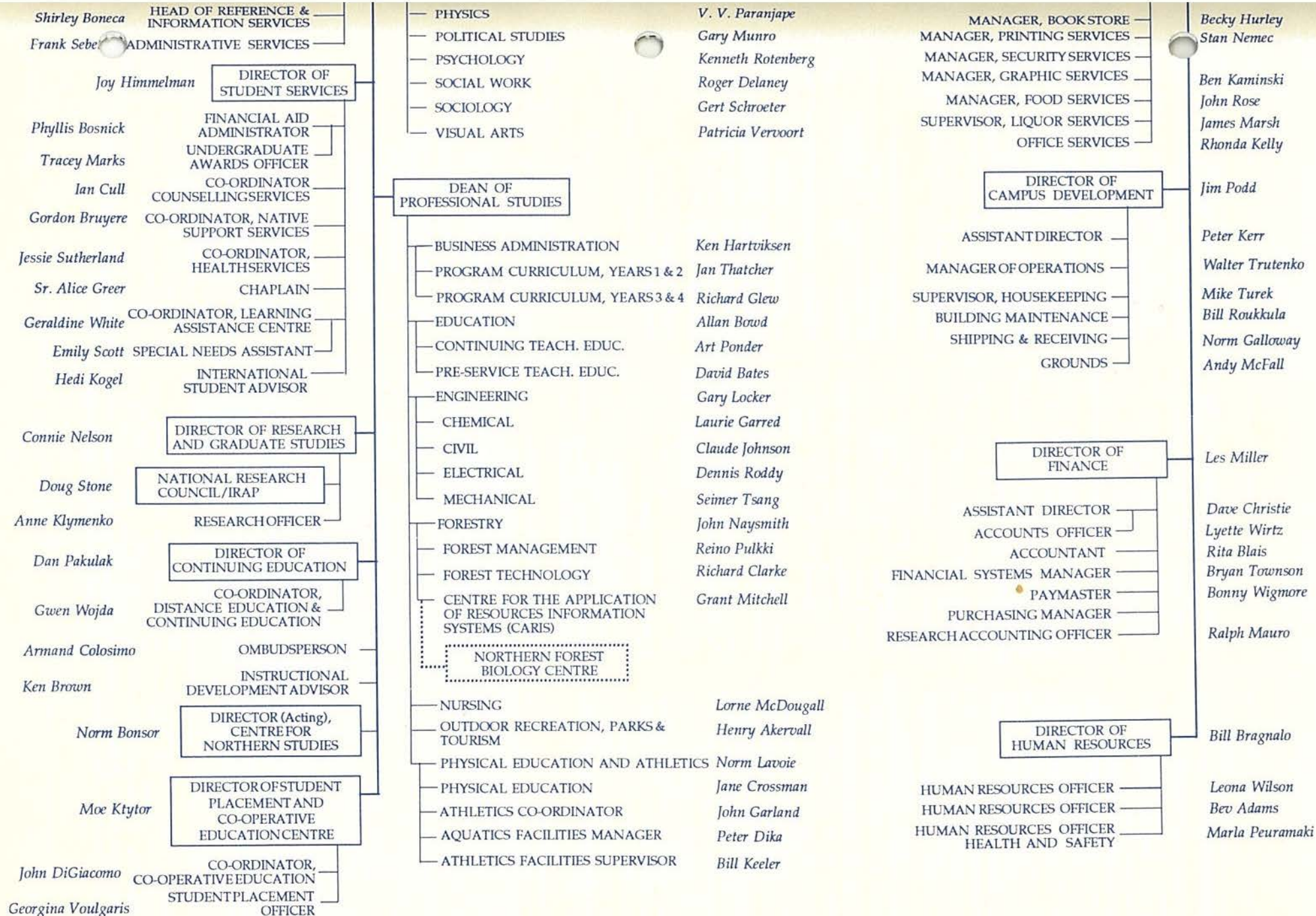
Dr. J. Stewart (Anthropology)
Dr. G. Ozburn (Biology)
Dr. A. N. Hughes (Chemistry)
Dr. B. Moazzami (Economics)
Dr. M. Richardson (English)
Dr. H. Rasid (Geography)
Dr. M. Kehlenbeck (Geology)
Dr. A. E. Epp (History)
Dr. A. Mamoojee (Languages)
Prof. M. MacLean (Library and Information Studies)
Dr. C. Graham (Mathematical Sciences)
Dr. G. Carruthers (Music)
Dr. R. McKay (Native Studies)
Dr. R. C. S. Ripley (Philosophy)
Dr. V. V. Paranjape (Physics)
Dr. G. Munro (Political Studies)
Dr. K. Rotenberg (Psychology)
Dr. R. Delaney (Social Work)
Dr. G. Schroeter (Sociology)
Prof. P. Vervoort (Visual Arts)
Prof. Ken Hartviksen (Business Admin.)
Prof. Jan Thatcher (Prog. Curr. Yrs 1 +2)
Prof. R. Glew (Prog. Curr. Yrs 3 + 4)
Dr. A. Bowd (Education)
Dr. A. Ponder (Cont. Teacher Ed.)
Prof. J.D. Bates (Pre-Ser. Teacher Ed.)
Dr. J. G. Locker (Engineering)
Dr. L. Garred (Chemical Eng.)
Dr. C. D. Johnson (Civil Eng.)
Prof. D. Roddy (Electrical Eng.)
Dr. S. H. L. Tsang (Mechanical Eng.)
Dr. J. K. Naysmith (Forestry)
Dr. R. Pulkki (Forest Management)
Prof. R. Clarke (Forest Technology)
Dr. L. McDougall (Nursing)
Dr. H. Akervall (Outdoor Recreation, Parks & Tourism)
Dr. J. Crossman (Physical Education)
Dr. N. LaVoie (Physical Education and Athletics)

Elected Faculty Members

Dr. J.S. Griffith
Prof. G. Knutson
Prof. R. Thayer
Dr. D.M. Barry
Dr. G. Borradaile
Prof. M.L. Kelley
Prof. C. Benson
Dr. M.H. Tripp-Knowles
Dr. L.K. Roy

1992-93 Lakehead University Organization Chart





Chairs of Senate Committees

Dr. J. H. M. Whitfield (Academic)
Dr. R. Delaney (Academic Appeal)
Dr. R.C.S. Ripley (Academic Regulations)
Prof. K. Hartviksen (Budget)
Prof. R. Glew (Computing)
Mr. D. Pakulak (Continuing Education)
Dr. R. G. Rosehart (Executive)
Dr. C. Nelson (Graduate Scholarships and Bursaries)
Dr. C. Nelson (Graduate Studies)
Dr. G. Merrill (Honorary Degrees)
Dr. U. Panu (Library)
Prof. J. de Cangas (Nominations)
Dr. E. Zimmermann (Organization)
Dr. L. Malek (Research)
Dr. M. McPherson (Teaching and Learning)
Dr. H. Rasid (Undergraduate Studies)
Ms J. Himmelman (Undergraduate Scholarships and Bursaries)

Elected Representatives From The Board of Governors

Mrs. M.V. Christiansen
Dr. J. Colquhoun
Ms M.J. Robinson

Student Representatives

Mr. Rick Cox
Mr. Paul Ellerman
Ms. Christine Fisher
Ms Colleen McLean
Mr. Robin Squires
Mr. Mark Tilbury

FACULTY MEMBERSHIPS ON SENATE COMMITTEES

Senate Academic Committee

Arts & Science - Prof. P. Vervoort
Arts & Science - Dr. D. Kemp
Professional Studies - Dr. R.E. Pulkki
Professional Studies - Dr. W.R. Crowe

Senate Academic Appeals Committee

Arts & Science - Dr. G. Schroeter
Arts & Science - Dr. R. Delaney
Professional Studies - Dr. L. Garred
Professional Studies - Prof. L. Hoffman

Senate Committee on Academic Regulations

Arts & Science - Dr. R. Ripley
Arts & Science - Dr. S. R. MacGillivray
Professional Studies - Dr. L. Thomson
Professional Studies - Dr. D. Cooper

Senate Budget Committee

Arts & Science - Dr. W.R. Allaway
Arts & Science - Dr. G. Munro
Professional Studies - Prof. K. Hartviksen
Professional Studies - Dr. R.E. Pulkki
Immediate Past Chairman - Prof. G. Knutson

Senate Continuing Education Committee

Arts & Science - Dr. R. Ruiperez
Arts & Science - Prof. M. L. Kelley
Professional Studies - Prof. B. Handford
Professional Studies - Prof. E. Diem

Senate Graduate Scholarships and Bursaries Committee

Arts & Science - Dr. A. Macdonald
Arts & Science - Dr. S. Goldstein
Professional Studies - Dr. A. Osborn-Seyffert
Professional Studies - Dr. D. Weeks

Senate Graduate Studies Committee

Dr. C. Nelson	Dr. B. Muirhead
Dr. W. Keeler	Dr. M. Hasegawa
<u>Arts and Science</u>	Dr. V. Paranjape
Dr. R. Freitag	Dr. W. Melnyk
Prof. N. Bonsor	Dr. T. Dunk
Dr. W. Heath	<u>Professional Studies</u>
Dr. S. Kinrade	Dr. A. Ponder
Dr. G. Borradaile	Dr. J. Kayll
	Dr. M. McPherson

Senate Committee on Honorary Degrees

Arts & Science - Dr. G. Carruthers
Arts & Science - Dr. G. Merrill
Professional Studies - Dr. D. Robinson
Professional Studies - Dr. J. Naysmith

Senate Library Committee

Arts & Science - Dr. J.M. Richardson
Arts & Science - Dr. M. Rappon
Professional Studies - Dr. A. Bauer
Professional Studies - Dr. U.S. Panu

Senate Nominations Committee

Arts & Science - Dr. A. Chen
Arts & Science - Prof. D. Parsons
Arts & Science - Dr. A. Carastathis
Arts & Science - Dr. R. Omeljaniuk
Professional Studies - Prof. J. de Cangas
Professional Studies - Dr. K. D. Eigenbrod
Professional Studies - Dr. T. Bauer
Professional Studies - Prof. C. Benson

Senate Organization Committee

Arts & Science - Dr. E. Zimmermann
Arts & Science - Prof. R. Dilley
Professional Studies - Dr. M. Oosterveld
Professional Studies - Dr. J. Kayll

Senate Research Committee

Arts & Science - Dr. M. Bombin
Arts & Science - Dr. L. Malek
Arts & Science - Dr. S. McBride
Arts & Science - Dr. S.D. Kinrade
Professional Studies - Prof. B. Handford
Professional Studies - Prof. B. Payne
Professional Studies - Dr. A. Sedov
Professional Studies - Dr. P. Tripp-Knowles

Ethics Advisory Committee

Arts & Science - Dr. G. Hayman
Arts & Science - Dr. L. Malek
Arts & Science - Dr. B. Kent
Professional Studies - Dr. R. McLeod
Professional Studies - Dr. P. Jasen

Senate Committee on Teaching and Learning

Arts & Science - Dr. D. West
Arts & Science - Dr. B. Phillips
Professional Studies - Dr. M. McPherson
Professional Studies - Dr. H.A. Fennell

Senate Undergraduate Scholarships and Bursaries Committee

Arts & Science - Dr. M. Johnston
Arts & Science - Dr. F. Allaire
Professional Studies - Dr. S. Mansour
Professional Studies - Dr. Y.H. Prevost

Senate Undergraduate Studies Committee

Arts & Science - Dr. H. Rasid
Arts & Science - Prof. P. Vervoort
Professional Studies - Dr. B. Singh
Professional Studies - Prof. J. de Cangas

Academic Colleague to COU

Prof. J. D. Bates
Alternate - Dr. K. P. Satinder

MEETINGS 1992-93

Board of Governors

September 18, 12:30 p.m.
November 16, 4:00 p.m.
February 18, 4:00 p.m.
April 15, 4:00 p.m.
June 17, 4:00 p.m.
September 16, 4:00 p.m.

Senate

September 28, 9:30 a.m.
October 27, 2:30 p.m.
November 25, 9:30 a.m.
January 25, 2:30 p.m.
February 23, 9:30 a.m.
March 24, 2:30 p.m.
April 22, 9:30 a.m.
May 14, 2:30 p.m.

ONTARIO MINISTRY OF TRANSPORTATION Coordinator of Highway Safety Research Grant Program

The purpose of this grant program is to encourage basic and applied research on the behavioral, economic, and social aspects of highway safety, from education activities to theoretical problems of traffic crash analysis. In addition to the use of accepted methods in highway safety, it is hoped that research methodologies developed by scientists for other purposes may be adapted to highway safety. The following topics might be considered for funding:

- behavioral, social, and personality characteristics of drivers in traffic crashes;
- methodological problems in analyzing traffic collision data;
- evaluation of educational methods used to improve knowledge of highway safety;
- assessment of risk-taking in selected road user groups;
- perception of risk (particularly during driving);
- driver stress and congestion on roadways;
- improved data base on bicycle collisions;
- the elderly driver; and
- the new driver.

The total value of the awards (including continuation of grants from previous years) will be approximately \$100,000 each year. It is expected that up to five grants will be funded each year for a maximum of two years. **Deadline: January 31, 1993.**

CENTRE FOR STUDIES IN DEFENCE RESOURCES MANAGEMENT Solicited Research Program 92-93

The Centre for Studies in Defence Resources Management (CSDRM) will be issuing research funding to successful applicants doing work in the field of defence economics and defence resources management. Awards will be made up to \$50,000 limit of the total program. One or several projects may be funded concurrently. Proposals should be related to one of the following areas:

- 1) the industrial organization, economics of

innovation and international trade aspects of the Defence Industrial Base; 2) arms procurement; 3) regional economic development; and 4) problems of industrial relations, labour economics and human resources management as they relate to defence.

Deadline: December 15, 1992.

HENRI CHAMBAZ AWARD For Works in Ethics, Human Rights and Health Care

Approximately \$4,000 will be awarded to a Canadian for original work contributing to ethical reflection or practice in the field of health care. The competition is open to anyone, under the age of 35 years, who shows an interest in the field of ethics or human rights. Applicants may be professionals or non-professionals.

Deadline: December 31, 1992.

INTERNATIONAL SOCIETY OF ARBORICULTURE Grants for Shade Tree Research and Educational Projects

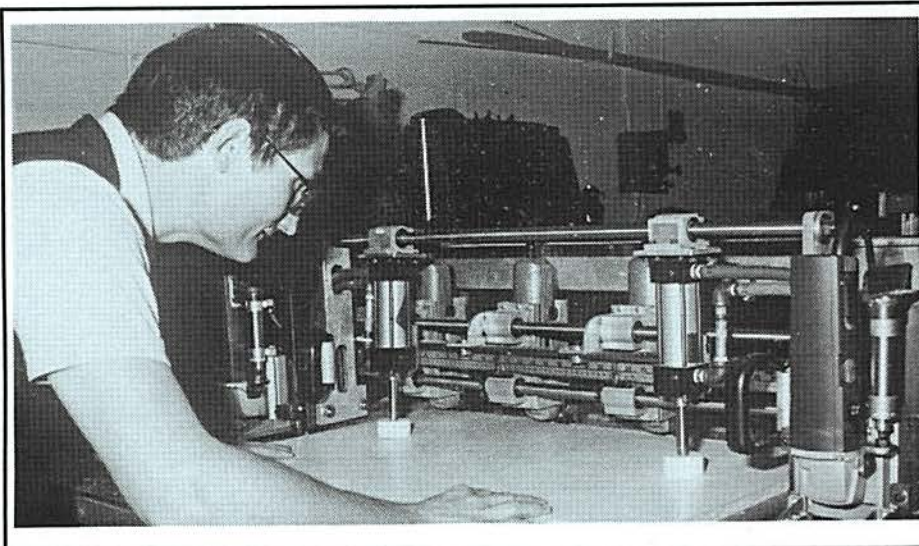
Each year since 1975, the ISA has awarded grants to encourage scientific and educational research on shade trees. Horticulturists, plant pathologists, entomologists, soil specialists and others are invited to submit brief outlines of proposed studies for a grant to help buy supplies or equipment, hire technical or student help, or otherwise aid the work. **Deadline: December 1, 1992.**

GRADUATE SCHOLARSHIPS 1993-94 Ontario Graduate Scholarships

Applications are now available in the Office of Research and Graduate Studies. Eligible candidates must have maintained an overall average of at least B+, or the equivalent, during each of their last two years of study at the postgraduate level. Candidates must plan to be enrolled full-time in a graduate program leading to a Master's or Doctoral degree at an Ontario university. **Deadline: November 16, 1992.**

1993-94 Natural Sciences and Engineering Research Council Postgraduate Scholarships

Applications are now available in the Office of Research and Graduate Studies. Students must complete NSERC Form 200 and submit it to their department chairman. Applicants will be ranked by the Senate Graduate Scholarships and Bursaries Committee in late November. Scholarships are awarded on the basis of academic excellence and aptitude for research. A broad range of fields in the natural sciences and engineering are eligible. Decisions are communicated to applicants at the end of March. **Deadline: November 15, 1992.**



BISCUIT JOINTER PROTOTYPE - Dr. Tony Gillies from the Department of Civil Engineering is shown above with the automated prototype which he has developed with Dr. Murray Patterson to improve production for the Thunder Bay based company, Handcrafted-Cabinets.

UPCOMING DEADLINE DATES

NSERC Programs

Research Grants Program: 1) First-time applicants - October 15 (Internal: October 1); 2) Regular applicants - October 30, 1992 (Internal: October 15, 1992)

Equipment Grants Program: All applicants - October 30, 1992 (Internal: October 15)

Conference Grants: October 30

Forestry Postdoctoral Assistantships - June 1 and December 1

University-Industry Research Partnerships Program - Open

International Fellowships - December 1, 1992

International Collaborative Research Grants - October 15 and March 1

International Scientific Exchange Awards - October 15 and March 1

NSERC/Forestry Canada Research Partnerships Program - December 1, 1992

Collaborative Research Grants (NEW) - Advanced Materials due January 31, 1993

Strategic Grants - May 1, 1993

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

Women and Change - Strategic Grant - December 15, 1992

Strengthening of Specialized Research Collection - April 1, 1993

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

AUCC- Canadian Commonwealth Research and Visiting Fellowships - October 31, 1992

Canadian-Scandinavian Foundation - January 31, 1992

Canadian Fitness and Lifestyle Research Institute - Dec. 1, 1992

Centre for Studies in Defence Resources Management Research Program - December 15, 1992.

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

Fullbright Program: Research Grants - November 30, 1992

Hamilton Foundation - December 31, 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.

Henri Chambaz Award for works in Ethics, Human Rights, and Health Care - December 31, 1992.

International Society of Arboriculture - December 1, 1992

Killam Memorial Fellowships - November 30, 1992

National Research Council - Laboratories Research Associateships

Ontario Heart and Stroke Foundation - November 13, 1992

Ontario Mental Health Foundation Fellowships (November 27) and **Research Grants** (October 2).

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

OMNDM - Geoscience Research Grant Program - Nov. 16, 1992

Ontario Ministry of Tourism and Recreation Research Grants - November 6, 1992.

Ontario Ministry of Transportation: Highway Safety Research Grants - January 31, 1993

Secretary of State: Canadian Studies Directorate - Open

Supply and Services Canada: Environmental Innovation Program

University Research Incentive Fund - January 31, 1992.

World Wildlife Fund (Wildlife Toxicology Research Program) -

November 15 and April 15).

GRADUATE SCHOLARSHIP OPPORTUNITIES

Government of Canada Awards - Deadlines vary by country

Ontario Graduate Scholarships - November 16, 1992

NSERC Postgraduate Scholarships - November 15, 1992

Young Researchers Award - Open

Breaking up is Hard but Possible

An innovative (free) program is now available to all members of the University community. This personalized approach to help *motivated* people quit smoking is offered through the Psychology Department. For consultation and appointment contact 346-5748.



**IF YOU WANT HELP TO QUIT
CALL 346-7848**

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 Klymenko 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 Alumni House.

PEOPLE/PAPERS/PUBLICATIONS

Professors Bahram Dadgostar and Bob Isotalo, School of Business Administration have had their research paper entitled "Factors Affecting Time Spent by Near-Home Tourists in City Destinations" published in the *Journal of Travel Research*, Vol. XXXI, Fall 1992. An earlier version of this paper was presented by the authors at the Marketing Division Proceedings of the Annual Conference of the Administrative Sciences Association of Canada held in Niagara Falls, May 30 - June 2, 1991.

Dr. Said Easa, Professor of Civil Engineering, authored the following articles: "Optimum Cash Flow Scheduling of Construction Projects", *Journal of Civil Engineering Systems*, Vol. 9, 1992; "Estimating Earthwork Volume of Curved Roadways", *Journal of Transportation Engineering*, Vol. 118, No. 6, 1992; "Remaining Life Consideration of Pavement Overlay Design: Discussion", *Journal of Transportation Engineering*, Vol. 118, No. 6, 1992; "Probabilistic Design of Open Drainage Channels", *Journal of Irrigation and Drainage Engineering*, Vol. 118, No. 6, 1992.

Dr. Richard Berg, Associate Professor, Department of Philosophy, recently read the following conference papers: "Oedipus and the Sphinx: The Riddle of Man-Woman Relations" at the Interdisciplinary Conference on Myth and Knowledge, Sir Wilfrid Grenfell College, Corner Brook, Newfoundland, May 23, 1992; "Theravada Buddhist Ethics as Negative Hedonism" at the annual Canadian Asian Studies Conference, University of Prince Edward Island, Charlottetown, June 2, 1992; "Paternalism in Psychiatric Health Care as Violence" at the World Congress on Violence and Human Coexistence, Montreal, July 13, 1992; and "Engineers Managing Technology: The Canadian Model of Self Regulation" at the Canadian-Russian Bilateral Conference on Philosophy of Science and Technology, Montreal, July 18, 1992.

Dr. Margaret Johnston, Department of Geography and the Centre for Northern Studies, has recently published a paper entitled "A safe land for children adventurers: risk and the camping experience." Her co-author is David Churchill, a student at O.I.S.E. The paper appears in the volume, *Using Wilderness: Essays on the Evolution of Youth Camping in Ontario*, published by the Frost Centre for Canadian Heritage and Development Studies, Trent University.

Dr. Thomas M. K. Song, Professor, School of Physical Education and Athletics, Co-ordinator of the Human Performance Laboratory, presented a paper entitled "Effect of Low Frequency Neuromuscular Electrical Stimulation on Energy Expenditure" at the annual meeting of the Canadian Association of Sport Sciences, Saskatchewan, October 1 - 3, 1992. The study was collaborated with Ms. Newhouse and Dr. I. Newhouse.

Dr. Claude D. Johnson, Chair of the Department of Civil Engineering, has been elected to the position of Senior Vice President of the Canadian Society for Civil Engineering (CSCE) for the term May 1992 - June 1993. Dr. Johnson has served on the CSCE Board of Directors since 1982 and the CSCE National Management Committee since 1988. He was Chair of the CSCE National Technical Activities Committee from 1988 to 1992 and prior to that Chair of the CSCE National Student Affairs Committee from 1982 to 1988.

Professor Robert Dilley of the Department of Geography presented a paper at the Annual Meeting of the Canadian Association of Geographers, Vancouver, in May on A Geography of English County Cricket. He also chaired a session on sustainable tourism. At the same meeting Dr. Dilley was re-elected Chairman of the C.A.G. study group on Parks, Recreation and Tourism. In the spring the journal *The Operational Geographer*, published a paper co-authored by Robert Dilley with Ken Hartviksen, School of Business Administration and Doug Nord, University of Minnesota, Duluth, entitled "Duluth and Thunder Bay - a study of mutual tourist attractions".

In June, Vol. II of *Progress in Rural Policy and Planning* was published. Robert Dilley is Canadian editor of this volume, which also has sections on the United States, the United Kingdom, Europe and Australasia. The Canadian section contains the usual annual review of rural developments in Canada, written by Robert Dilley, and short pieces on the effect of changes in Canada Post on rural communities and on the Rural Development Institute at Brandon. The major paper in the Canadian section was on Environmental Assessment in Canada by L.U.'s own coordinator of Environmental Assessment, Mary Ellen MacCallum.

Dr. Hafiz Rahman of the School of Business Administration presented a paper (written with Dr. Azim Mallik of Biology) entitled, "Applicability of Community Forestry: An Age-Old Concept of Sustainable Management in Modern Times" at the Canadian Asian Studies Conference - Canada and Asia: Issues for the 1990's - May 31 to June 2, 1992 at the University of Prince Edward Island. At the meetings Dr. Rahman was also elected to be the Secretary/Treasurer of the South Asia Council of the Canadian Asian Studies Association for a two-year term.

Dr. Rahman represented the School of Business Administration at the Haub Program in Business and the Environment seminar on "Canadian Management Education and the Environment" at York University on May 13, 1992. The Haub Program sponsored the seminar in order to assess the state of research and teaching on the environment within the schools of management in Canada.

Ken Hartviksen, Director, School of Business Administration presented a conference paper authored by K.R. Hartviksen and H. Rahman of the School of Business Administration entitled, "Business advisory Councils: Current practices in Canadian School of Management and Administrative Studies" on June 9, 1992 at Universite Laval for the Annual Meeting of the Canadian Federation of Deans of Management and Administrative Studies. Prof. Hartviksen moderated a panel on the issue of Business Advisory Councils at the same meeting. Panelists were Adrian Ryans, Dean, University of Western Ontario; Ronald Collins, Dean of the University of Prince Edward Island; and Jacques Lussier, Dean of Universite Laval. This work was financially supported by CFDMAS.

CONTEST FOR THUNDER BAY SYMPHONY ORCHESTRA TICKETS

As part of the University's Symphony sponsorship, the Information and Promotion Office receives 8 complimentary tickets for each performance. Anyone interested in putting in their names for a draw must send or phone in name and telephone number before the 4:30 close of DEADLINE DAY. Winners will be announced in the Agora.

Share OUR NORTHERN VISION

Thunder Bay Chamber of Commerce

The Taste of Thunder Bay Sunday, October 18

The Outpost - Lakehead University
1:00 pm to 7:00 pm
What Is It?

- * A new idea and a new Event
 - * Designed to showcase all of Thunder Bay's fine culinary skills - under one roof!
 - * A Trade show for restaurants
 - * A chance to thrill yourtastebuds & try it all!
 - * Bring your friends & family out for a delicious taste experience
 - * Free Admittance
- Contact the Thunder Bay Chamber of Commerce for more Information at 622-9642.

We Need Your Help For HOMECOMING WEEKEND '93

The Alumni Association invites all members of the LU community (staff, faculty and students) to get involved in planning Homecoming Weekend 1993.

Everyone is invited to bring your lunch and attend a General meeting on October 27 at 12 noon in the Senate Chambers.

The Alumni Association will be reporting on their plans for Homecoming Weekend and suggesting ways that individuals and University departments can get involved.

Refreshments will be served.

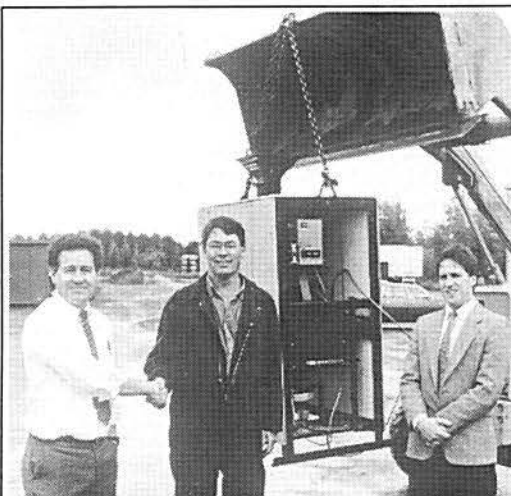
For information call Frances Harding
343-8193.

CAMPAIGN UPDATE

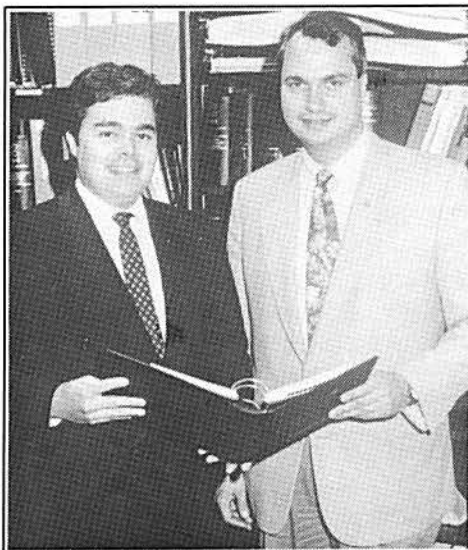
The Share Our Northern Vision Campaign has passed the \$9.1 million mark one year after it's official launch. There's a special kind of giving that has captured the imagination of many donors - "gifts in kind". Lakehead University would like to thank the follow people and companies who have given \$31,699 in equipment, \$79,490 in books and journals and \$18,000 in goods and services or products for a total of \$121,189.

Donors of Gifts in Kind

Stephen Albanese
James Angus
Alan Bowd
Willard Carmean
Steve Chase
Cheadle Johnson Shanks MacIvor
Bob Cornell, Pine View Nurseries
Shannon Courtemanche
Jose deCangas
Domtar Forest Products
William Eames
R. Scott Fortnum
Ronald P. Frye & Company
N. Ginsburg
Carolyn Godfrey
Joan Hebden
Doug Heikkinen, C.A.
Hemlo Gold Mines Inc., Golden Giant Mine
Hewlett-Packard (Canada) Ltd.
Intercity Orthopaedic & Sports Med.
George Kondor
L. Korteweg
Deanne Lee
Mark Lepinsky
Steven Lukinuk & Ian B. McKenzie,
Barrister & Solicitors



Left to right above, Dr. Werden Keeler, Department of Physics, shakes hands with Gordon Mackenzie, Mechanical-Development Superintendent with Domtar Forest Products. the two were joined by Mr. Rob Zuback, Development Office, at Shipping and Receiving for the arrival of the donated pulp shredder and infared optical scanner which will aid Dr. Keeler's research in moisture determination.



Brian McIvor (left) of Cheadle Johnson Shanks McIvor and Professor Jack Christy, School of Business Administration, are looking at CCH Tax Reporter subscriptions which were donated in conjunction with KPMG Peat Marwick Thorne. In addition, both companies have donated a set of Dominion Tax Cases.

The Lung Association
Lada Malek
Lorne McDougall
Ruth McKenzie
George Merrill
Trevor Moat
Ken & Jean Morrison
Northern Women's Bookstore
J. O'Meara
John Orpana
Anne Osburn-Seyffert
PCO Services Inc.
Karen Poole
Yves Prevost
Rio Algom Limited, Stanleigh Mines
Sapphire Instruments
Rupert Schieder
Ron Spina
Douglas Thom
Sophia Tuyl
Valhalla Inn
Versa Services
Robert Welsh
Julian West
Hildegard Whittle
Ben Wright
The Honourable Judge J. Wright
Morris Zaslow

NOTES FROM AUCC

Studying Faculty Shortages

Canadian universities will not be facing widespread faculty shortages in crisis proportions during the 1990s, says an AUCC report. "It doesn't mean that there won't be shortages," says Robert Davidson, AUCC director of research and policy analysis. "It's just that the shortages will simply not be as dramatic as perceived and will be limited to certain disciplines." Last September the AUCC released *Averting Faculty Shortages*, its discussion paper on the Canadian academic labour market. The paper, based on data available from Statistics Canada, puts some hard numbers behind fears university administrators have been voicing for some time. Although many of those fears have been focused on the growing number of faculty reaching retirement in the 1990s, AUCC's research revealed that retirement has not been the principal cause of demand for new faculty.

"Faculty leave academe at all ages and departing faculty are replaced by individuals of all ages," notes Mr. Davidson. But retirement attrition will become increasingly important over the decade, he cautions.

And, Mr. Davidson notes, international competition for faculty will be a

factor as well. According to the AUCC report, the Canadian academic market is part of a wider national and international labour market for highly qualified personnel.

The report concludes that universities will have to take action to meet the challenge of faculty renewal and replacement in the 1990s, especially in the natural sciences and engineering where they appear most vulnerable. In order to avert shortages, PhD output will have to continue to increase and universities will have to maintain or preferably increase the share of graduates they employ.

In Support of Education and Research

This summer the AUCC gave the federal government a number of options to consider if it is to continue to invest in postsecondary education and university research.

In its report, *Federal Support for University Education and Research*, the AUCC's Standing Advisory Committee on Funding studied the history of federal involvement in university education and research, provided an overview of the changing political and economic climate and recommended mechanisms for federal funding.

Since 1977 the federal government has supported postsecondary education through the Established Programs Financing transfers of cash and tax point transfers to the provinces. However, because the federal government has "tinkered" with EPF in recent budgets, the cash transfers will disappear unless new arrangements are created.

In December 1991 the AUCC board ratified a position statement that called for the federal government to continue playing a role, jointly with the provinces, in the support of higher education and research. The statement cautioned that in the case of higher education, the federal and Quebec governments needed to negotiate arrangements appropriate to Quebec's distinctiveness.

The AUCC's funding committee report concluded that simple restoration of the original EPF formula did not appear likely. The committee recommended three options that merit further examination: a reformed EPF, a federal direct-to-students funding plan and increased research support through granting councils.

The AUCC board is expected to decide this fall which of the report's options it will pursue.

Noon Hour Video Series Offered at Gallery

Every Friday at 12:10 pm from October 2 through December 4, 1992, the Thunder Bay Art Gallery is presenting noon-hour videos on Canadian Art. Everyone is welcome to bring their lunch and enjoy informative and fascinating videos covering various Canadian artists and topics. Admission is free.

October 16 - Behind the Masks

October 23 - And Then There were Seven: The Story of A.J. Casson and A Path of His Own: The Story of David B. Milne

October 30 - Looking into Paintings: Landscape and The Beauty of My People: Art Documentary Canada

November 6 - Robert Bateman: Artist and Naturalist

November 13 - Emily Carr: Growing Pains

November 20 - Emily Carr: Part Two, Little Old Lady on the Edge of Nowhere

November 27 - Art of the Inuit

December 4 - The Passionate Canadians: Tom Thomson and the Group of Seven

Do not Miss **MAGNUS ON CAMPUS**

"The Anger in Ernest and Ernestine"

Ernest and Ernestine are as snug as two bugs in a rug in their new basement apartment. They are in love . . . and life could not be better. Or could it?

If you missed Magnus Theatre's hilarious production of *The Anger in Ernest and Ernestine* last year, don't worry. It is coming back.

LUSU and the Alumni Association have joined forces to bring the play on campus:

**Friday, November 6 and Saturday, November 7, 1992
7:30 pm**

University Centre Theatre

Tickets: \$10 - LU students and alumni

\$12 - others

Advance tickets can be purchased at the Student Union Office or the Alumni Bookstore.

I'm voting 'No' and you should too!

by Bob Archibald

First let's dispose of the phony reasons put forth to support a 'Yes.'

It's a vote for unity—Canada will break up without it. Hogwash! This proposal will actually *encourage* disunity and entrench the divisions among us. There are real dangers to Canadian unity, but this won't fix them. Ovide Mercredi's comment that, under the accord, Indians "... are not becoming part of Canada" is but one example of the fallacy in this position.

I'm sick of the Constitution—let's vote 'Yes' and get it over with (the 'hold your nose and vote Yes' approach). A poor reason to accept a bad agreement at any time, and it just isn't true. Check the number of asterisks (items to be worked out later); these virtually ensure a perpetual Constitution Industry.

In my opinion, this agreement is fundamentally flawed because of its failure to create a federation where we are all treated as equal partners; it is a paean to the special interest. Should our role in our own country be dependent on our race, our language, our geographic location, our sex? This agreement allows for all of these factors to be used in making the laws which will govern us and even whom we may elect. We have too many groups, each with its own narrow vision of its own good and its own special privileges, and too many political leaders lacking a clear vision for Canada and willing to sell out to these groups. Surely what we want is for *any* Canadian, of whatever characteristics, to have the freedom to be as distinct (or indistinct) as he/she wishes.

Without such a vision, our leaders have no concept of what a constitution should be and this is the root of the current problem. To me, it should state fundamental principles, establish the framework for making the laws to govern us, and define and set limits on the powers of government; it should *not* be a detailed 'wish list' of special wants for each group seeking advantage over its fellows. It should be difficult, but not almost impossible, to change over time. It appears that the people who made this agreement thought of it as more akin to bargaining over a used car than shaping a great country.

The growth proposed in the size of and complexity of government is frightening. Can we afford another forty or so MPs (especially when they are allocated arbitrarily to special groups), or another set of governments for aboriginals? Canada already has too much expensive government and it certainly hasn't solved our problems.

I don't want the kind of fragmented Canada that this agreement seems to be describing. I want to treat my fellow Canadians fairly and as equals—race, sex, language or other irrelevancies are not a factor—and I want them and my government to treat me the same way. Let's make a constitution which does that and we will be well on the way to a better future. Voting 'No' to this mess is perhaps a first step.

I urge you to take time to really *read* this agreement—I think you will agree with me.

NAPE continued from page 1

computer skills. Based on marks, they then go on to do a full year of more math and science upgrading and life/study skills. In addition to programs designed to meet their needs, NAPE students are helped by tutors and a Native counsellor.

"The driving force behind getting into the program was eventually to work in northern Native communities where there's going to be a lot of future development," says Robert Pierre of the Lake Helen First Nation, Red Rock Band, one of nine inaugural NAPE students. "I hope to play a part in that and hopefully make it more viable for our people to benefit from those developments."

"The double benefit of this program will be trained engineers *and* graduates with knowledge of the culture and environmental needs of Native people," Dr. Robert Rosehart said during the opening ceremonies.

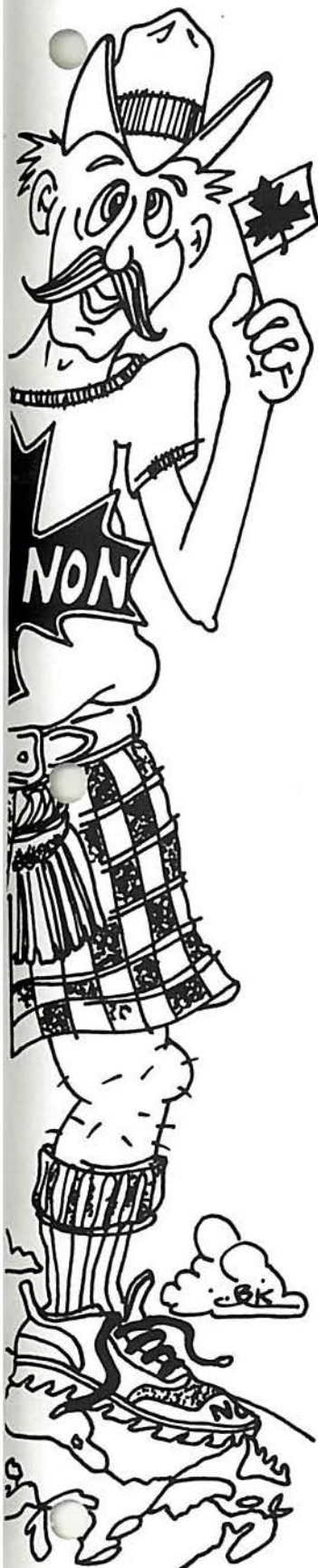
There is a huge lack of Native engineers in Ontario. According to Locker, of 60,000 licensed engineers and maybe 150,000 altogether in this province, approximately two dozen are of Native ancestry."

NAPE is backed by a \$500,000 grant guarantee from Ontario Hydro and the Ontario Energy Corporation. The money is used for faculty and counsellor salaries, new computers and classroom and lab renovations. But Hydro and the Crown corporation have attracted \$120,000 toward the half-million total from private sponsors Trans-Canada Pipelines, Petro Canada and Suncor Inc.

Among those attending the opening ceremony were Ontario Energy Minister Brian Charlton and Sam Horton, Ontario Hydro's vice-president for Aboriginal and Northern Affairs.



Alfred Linklater, left, talks with Chief Joan Manville, Couchiching First Nation, who attended the opening and spoke highly of the program and the hope it offers Native people. Her son, Blake Manville, wants to get a degree in civil engineering and return to his community.



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 November Agora is October 30, 1992.**

CORNWALL CONCERT SERIES 1992-93

All concerts are held in the Jean McNulty Recital Hall in the Music and Visual Arts Centre (Tuesdays at 12:30 pm unless otherwise noted). Tickets are available at the door.

October 27

Raymond Spasovski, piano - \$7.00/\$5.00

November 10

Peter Shackelton, clarinet; Heather Morrison, piano - Free

November 24

Thunder Bay Chamber Players - Free

The Chancellor Paterson Library Hours

Monday to Thursday - 8:00 am to 11:30 pm
Friday - 8:00 am to 9:00 pm
Saturday - 9:00 am to 9:00 pm
Sunday - 11:00 am to 10:00 pm

OCTOBER

Wednesday, 21

FREE PUBLIC LECTURE

Topic: The Romans in Scotland

Speaker: James Russell, Professor of Roman History and Archaeology, University of British Columbia

Place: Senate Chambers - UC 1001

Time: 8:00 pm

Sponsored by the Dept. of Languages and The Classical Association of Canada.

Thursday, 22

FREE PUBLIC LECTURE

Topic: A Pre-Referendum Information Session on the Charlottetown Constitutional Agreement

Speakers: Dr. Steve McBride, Dr. Gary Munro and Dr. Douglas West

Place: Braun Building 1021

Time: 7:00 pm

Sponsored by the Department of Political Studies

Monday, 26

FREE PUBLIC LECTURE

Topic: Roots: Viewed Through a Diary

Speaker: Prof. G. Merrill

Place: Ryan Building, room1044

Time: 7:30 pm

Sponsored by the Department of English. For further information about the series, please contact Prof. Joan Dolphin at Ext. 8292.

Thursday, 29

FREE PUBLIC LECTURE

Topic: On Lok: A System of Community Based Long-Term Care For the Frail Elderly

Speaker: Jennie Chin Hansen, Director, On Lok Senior Health Services, San Francisco

Place: The Agora

Time: 7:30 pm

Sponsored by the Gerontology Study Group, The School of Nursing and NECAH.

1992/93 Nor'Westers Home Schedule

Oct. 17 - John Zanatta Alumni Basketball - Women 6:00 pm, Men 8:00 pm
Nov. 12/13 - Men's Basketball vs Gogebic
Nov. 13/14 - Women's Volleyball vs McMaster - 7:30 pm
Nov. 15 Women's Volleyball vs Durham College - 11:00 am

THUNDER BAY ART GALLERY

Until November 8

Latvian Photographers in the Age of Glasnost

Organized & circulated by the Toronto Photographers Workshop

October 15 - November 8

Surface and Structure: Recent Work by Tim Alexander, Jane Eames, and Fritz Lehmberg

October 23 - November 25

Colleen Cutschall: Voice in the Blood
Organized & circulated by the Art Gallery of Southwestern Manitoba

THE NORTHERN EDUCATION CENTRE FOR AGING AND HEALTH

is sponsoring
two video presentations from the National Film Board's Caregivers Collection

"LIVING WITH DYING"

Monday, October 26

Noon - 12:30 pm

"PILLS UNLIMITED"

Monday, November 9

Noon - 12:30 pm

Health Sciences North - Room 2022

AGORA

The AGORA is produced by the Information Office, Department of External Relations, Lakehead University, Thunder Bay, Ontario. It is published monthly (except July and 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.

Director of External Relations:

John Russell

Editor: Katherine Shedden

Assistant and Layout: Denise Bruley

Calendar: Lynn Wilson

Photography: Peter Puna

Graphics: B. Kaminski, Lynn Wilson

Printing: LU Print Shop

Address correspondence to:

Editor/Agora

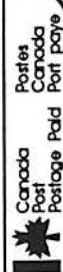
Information Office SN1002

Lakehead University

Oliver Road, Thunder Bay, Ontario, P7B 5E1

(807) 343-8631 or 343-8300

FAX (807) 343-8192



Postes Canada
Canada Post
Postage Paid
Premiere
First
Class

21