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Lakehead University

Agora

THUNDER BAY, ONTARIO VOL. 6. NO. 7 SEPTEMBER 1989



Serene, triumphant finale to successful voyage

After a canoe journey of more than 3,450 kilometers, 27 modern voyageurs have safely returned to Lakehead University.

This past summer, 25 students and expedition leaders Jim Smithers and Derek Apple successfully travelled 3,475 kilometers from Fort McMurray, Alta., to the Arctic Ocean -- by canoe.

All members of the group are members of Lakehead University's Outdoor Recreation program.

Upon their return, the group performed a ceremonial paddle

into Thunder Bay's Old Fort William, where they were given a hero's welcome, complete with cannon fire, and treated to a sumptuous feast.

The Sir Alexander Mackenzie "Canada Sea-to-Sea" Bicentennial Expedition was launched to re-create and commemorate the 200th anniversary of the first recorded crossing of Canada from the Atlantic to the Pacific Oceans. The

Continued on page 11...

Report From The President



Dr. Bob Rosehart

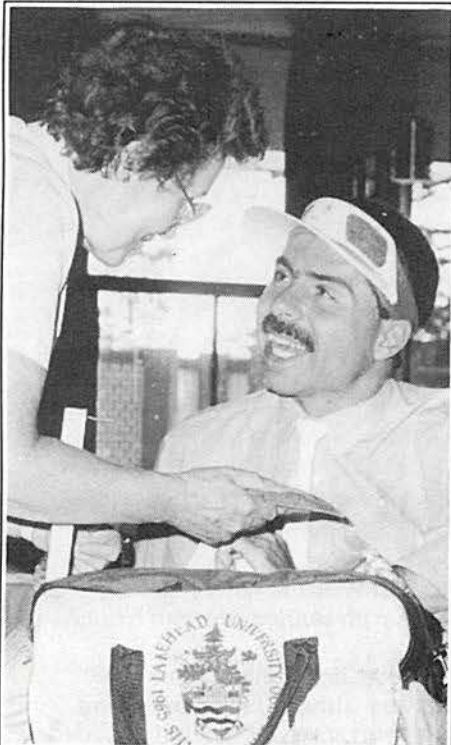
Agora Wins Big

A special congratulations to Editor Katherine Shedden. The Agora beat out all competitors in the competition for the International Association of Business Communicators Award - Thunder Bay Chapter.

Special Farewells

(i) Godfather Departs

A very special person, Irmo Marini, has been smitten by the doctoral bug and has departed Lakehead University after four years as our first full-time counsellor in Student Services. Irmo, with his M.A.Psy. background from Lakehead University, has established the office and has assisted many students (and others) during the past four years. Irmo is leaving the Thunder Bay winters for a doctoral program at Auburn University in the southern United States. We wish him well.



Jessie Sutherland presents Irmo Marini with a care package for his life as a student.

(ii) Research News

Another special person and regular contributor to the Agora with her "Research News" column has been Trish McGowan. Trish has recently left Lakehead University to return to university in Ottawa with the ultimate objective being a doctorate. Trish has worked hard to enhance the role of research at Lakehead University, and I wish her all the best with her new career and personal goals.

Organizational Changes

(i) Graduate Studies and Research

To further enhance the opportunities of research and research development on the Lakehead University campus, Innovation North and the National Research Council IRAP program, headed by Ken McLellan, will now become part of the Office of Graduate Studies and Research and will report to Dr. Connie Nelson. The Innovation North/NRC Office will be relocated to CB4106 in order to allow for a greater interaction with interested faculty researchers. Dr. Martin Oosterveld will continue to be involved on an advisory basis, and Ms. Anne Fiorenza will be working in Dr. Nelson's office.

(ii) External Relations

As we move closer to the start of our new capital drive, the focus of the Community Relations group (Information and Promotion, Graphics, Alumni, and University Development) will be more and more on external relations and, hence, the community relations description will be replaced by external relations.

Teaching and Learning

Special Congratulations to

- (i) Penny Petrone on her O.C.U.F.A. Teaching Award and to
- (ii) Ken Brown for his appointment as Co-ordinator of our Teaching and Learning Office on a part-time basis.

Policies

i) Aids

The Board of Governors has now accepted the policy developed by the Aids Committee. The proposed policy was reviewed by outside experts and has been proclaimed to be progressive.

(ii) Smoking

The Smoking Committee has further refined the Lakehead University Smoking Policy, and the recommended changes are being put into place. Smoking policies and enforcement of such policies are not the easiest for organizations to implement. The Committee realizes that there is some resistance to aspects of the Smoking Policy, but it also appreciates the general support given to this initiative. The involuntary rights of non-smokers are important to protect in buildings which have complex, integrated air systems, and I ask the L.U. smokers to respect the rights of your colleagues. Efforts continue to be made to deal more adequately with improving designated smoking areas.

Special Projects Bring Acclaim to Lakehead University

(i) Canada Sea to Sea Completed Successfully

As you know, the 3,400 km. trip from Fort McMurray to the Arctic Ocean has been successfully completed by 25 of our Outdoor Recreation students under the supervision of Dr. Jim Smithers and Mr. Derek Apple. The project went very smoothly and has brought much acclaim to Lakehead University. In addition to local and regional media coverage, several provincial and national articles have featured the Mackenzie re-creation.

Special thanks must go to the Province of Alberta who hosted the students at a fantastic banquet at Fort Edmonton on their return, and to the Province of Ontario who did likewise at Old Fort William. Our students had many unique interactions, particularly with Native children on this voyage of a lifetime. The Mayor of Edmonton spoke in very positive terms of the accomplishments of these young people at the Fort Edmonton occasion.

On another front, the project has also been a financial success with the initial accounting indicating that fundraising has covered the costs of the 1989 trip. Preliminary plans are now under discussion with respect to the 1990 Canada Sea to Sea project which will not involve a major expedition, but rather be focussed on educational interpretation of the fur trade era.

A special thanks is due to Old Fort William for their assistance with this venture.

(ii) Summer School for Science and Technology

By all accounts, Year III has been the best year yet. Special thanks must go to Paul Inksetter, the Program Director this year, Dr. John Whitfield, the Dean of Arts and Science, and also to Brad Rush of the School of Business Entrepreneurship Centre who ran a very successful entrepreneur contest.

(iii) Gifu English Immersion

From a technical perspective, I believe the English Immersion Program for approximately 30 students from Gifu was a success. However, from a personal impact perspective, Lakehead University has left a tremendous impact on not only the Japanese students, but also on the many Thunder Bay citizens who helped to make the program a success. I was very proud of our student monitors who were a key feature of this program - a challenging and very personally rewarding summer job for some very impressive Lakehead University students. Also, the Thunder Bay community opened its doors wide on weekends for the host family program. The experience was equally as rewarding for the students as it was for the host families. Some friendships have been made which will continue to develop further between Gifu and Thunder Bay.

Capital Projects

Construction, portables, and dust continue to be features on the Lakehead University campus. Work is progressing well on all facets and, sooner or later, the pieces will all be in their proper places. In the interim, we ask for your patience.

The Student Centre/Regional Education Project is at an advanced stage with the architects and, in September, floor plans for the two projects will be put on display.

The new residences will be ready for September (I hope and pray) and they are very impressive. Many faculty and staff have wandered over at lunch and coffee to have an informal look. If you haven't already done so, you should. Our new residences are a far cry from the residence I was exposed to in Year I in 1977.

Matchbox

With the coming of the Student Centre Project, Ken Dolph has closed the Matchbox. The University is assuming the operation on an interim



It was a rip-roaring "Paddle Dance" and "sayonara" for the Japanese students, host families and members of the University community at the Old Fort Farewell Dinner.

basis until the construction starts (in late spring), and Rhonda Kelly is gearing up the new operation. The post office service will remain, and any profits from the store will go directly to the Lakehead University Scholarship and Bursary Fund.

Fall 1989

A new term is about to begin, and the campus will once again spring to life. This fall, we have several new members of faculty and staff, and I take this opportunity to welcome them to the Lakehead University community.

Lakehead University Congratulates Lyn McLeod

In the recent Cabinet shuffle, Lyn McLeod received a significant political promotion to Minister of Natural Resources and Minister of Energy for the Province of Ontario. Both of these portfolios are critical to our economic development and, while Natural Resources has a more northern focus, in the next few years, important decisions will have to be made about our future energy supply.

Our new Minister, Sean Conway, is a

very competent and strong Minister who has a sincere interest in Northern Ontario. The "super" Ministry of Education, Colleges and Universities, and Skills Development is not new as this was the structure in place for the last few years of the Davis Government. Such a structure has good and bad points. It allows for enhanced co-ordination on the one hand, but on the other hand, it places a lot of pressure on one Minister's time.

Silver Jubilee Trivia Question

As you know, we are celebrating our Silver Jubilee over the next ten months. As part of these celebrations, Lakehead University is sponsoring the Great Entertainers Series at the Thunder Bay Community Auditorium.

The first two correct callers to Linda Phillips (8200) with the correct answer to the following question will win two tickets to the performance of Ballet B.C. which will be held at the Auditorium on Wednesday, November 29.

Who gave the first Lakehead University Convocation Address?

Watch for further contests in future articles.

Construction Boom and Renovations

Construction is popping up all over Lakehead University Campus and the many new projects are keeping Art Davies, Senior Advisor for Campus Planning, very busy.

He said, "the new student townhouses will be complete and ready for move in by the week of September 5th. They will accommodate 144 students including two disabled students. All are 4-bedroom townhouses each with a living room, dining room, kitchen and bathroom. They will share a common laundry facility. The accommodations are furnished and rent for \$275.00 per student plus utilities.

"We have begun construction of the new Forest Biology Centre. The foundations are poured and we are raising the steel frame. It should be enclosed by November and in operation by next May" Davies continued.

There are also plans for a Building Maintenance Shop to be located north of the student townhouses. The land is now being cleared, construction will start during the second week of September, and the project should be complete by Christmas.

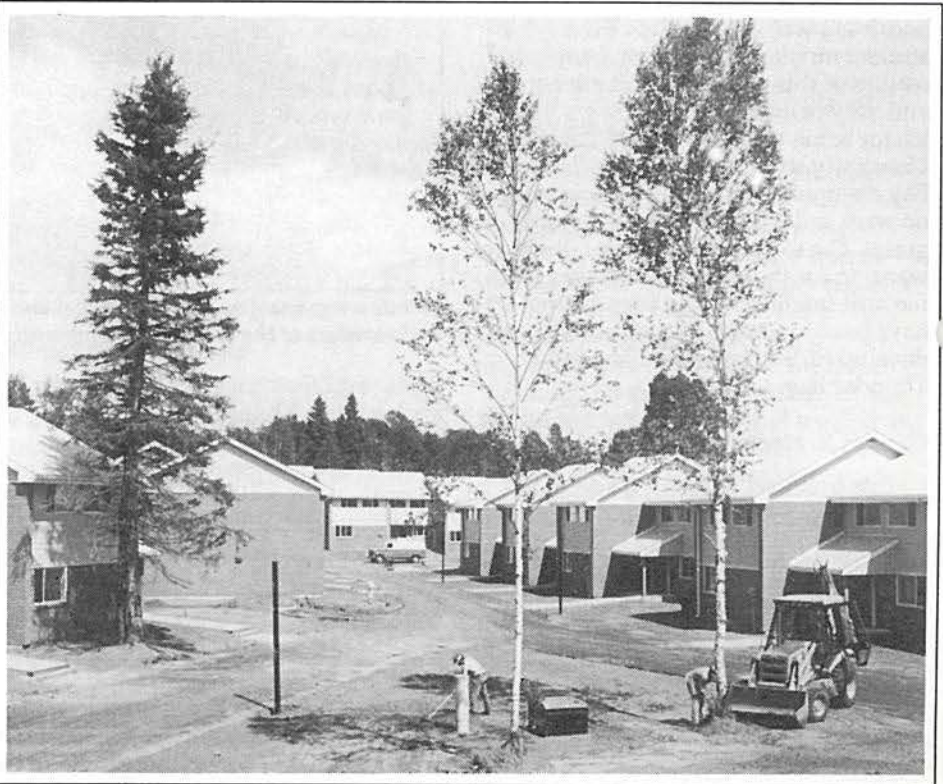
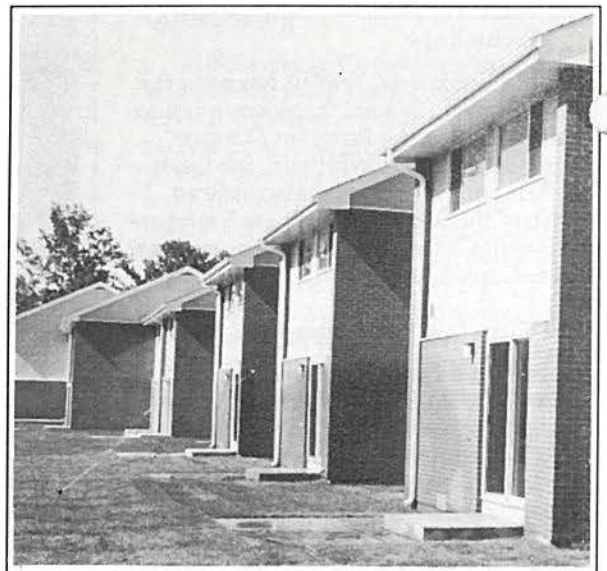
Mr. Davies added, "the Black Shack will be relocated to north of the Ryan Building and will be back in operation on September 5th. Also, the Portable Faculty Offices east of the S.N. Building will be completed this week. A 12 inch water main by the Music House has upgraded water pressure to improve fire protection."

Planning is complete for the new Regional Education Centre and Student Centre. The Education Centre will be a four story structure and the Student Centre will consist of two levels plus a mezzanine. The two buildings will share a common wall and be placed in the Black Shack's former location. Construction will begin in the early spring.

Jim Podd, Director of Campus Development, is responsible for renovation projects at Lakehead. "We have a five year maintenance plan to address our major problems", he said. "With many facilities 20 or more years old, repairs and renovations can be quite extensive. This year we will be spending \$500,000 on restoration." Projects include:

- replacement of the substandard sewer

Lucky students
144 graduate and senior students will be the first occupants of the six new townhouse complexes. The spacious 4-bedroom residences were named after the neighbouring towns of Nakina, Ignace, Keewatin, Beardmore, Wabigoon and White River. The official opening will take place during National Universities Week in October.



- line at the Bora Laskin Building
- upgrading the old Music House to hold the Occupational Health and Safety Resource Centre allowing for the expansion of Alumni Services
- roof repairs on University Centre and the Greenhouse
- upgrading Animal Care/Environmental Control
- removing the exterior quarry tile on University Centre with a non-slip replacement
- air-conditioning improvements (a three-year project)
- changing the chairs in Room 1021 Braun Building to make it a more

- versatile teaching area
- roof repairs for Saunders Field House
- interior improvements for the Library, Bora Laskin Building, Ryan Building and Saunders Field House (painting, rug replacements etc.)
- expansion of parking lots (Bora Laskin #6 and Main Campus #13)
- room restoration and common area renovation for the Bartley and Prettie Residences

According to Podd, "though this might seem like a lengthy list, this is just a normal year."

Small Business Consulting: *It Works!*

Business students got the chance to apply classroom theory to the business world this summer. The Small Business Consulting Program is a student-run enterprise which offers affordable consulting services to local businesses. The Program operates on the Lakehead University campus and is partially funded by the Ministry of Industry, Trade and Technology.

The program's main focus is market research and surveys with feasibility studies being secondary. With the assistance of faculty advisors, Guenther stated that the consultants tackle any project they feel they can handle.

After a free initial interview, a proposal is prepared. The client knows beforehand exactly what will be accomplished and the charge.

Group members include Bob Poulter, Vince Letwin, Kerri Law, Todd LaHaye and manager Valerie Guenther - a veteran of last summer's program.

The differences helped the group pull together and have a very successful year.

Poulter describes the group as being diverse. "We're all Commerce students, but that's where the similarities end," he said. The differences helped the group pull together and have a very successful year.

Letwin, in his final year of general management, has no definite plans for the future. Law



The winning team pose.... Back row, Todd LaHaye and Valerie Guenther. Front left to right, Kerri Law, Bob Poulter and Vince Letwin

and LaHaye are both entering their third-year of accounting.

Guenther is in her fourth year of accounting and finance. After graduation she is extending her education to include both accounting and financial planning designations. Her experience over the past two years has encouraged her to open her own consulting firm after graduation.

Poulter, a marketing and finance major, has definite plans for his future. "I want to get into a big industry," he said. He explained that his strategy was to "start as a manager trainee and work up the ranks." Poulter also sees an MBA somewhere in the future.

Generally, the consultants agreed that working for Small Business Consulting has helped solidify their future plans. Letwin said the consultants are learning the 'practical aspects' of budgeting, proposals and report writing. "It's eye-opening since you deal with so many variables."

The consultant agreed that dealing with individual's feelings,

perceptions and ideas brings the application of theories into focus. Every situation demands a different approach. There are no hard and fast rules. The theories don't apply equally to all.

..."at times it feels like you are flying by the seat of your pants."

Guenther states that the work is challenging and at times it feels like you are 'flying by the seat of your pants'. However, the consultants learn to break the projects down into pieces and then tackle the parts.

Dr. Bahram Dadgostar, the faculty coordinator for the Program, has been involved for two years. He agrees with the student's evaluation of Small Business Consulting as a useful learning tool. "They are actually involved with the outside world," he said. "They must learn to solve unexpected problems and apply what they have learned."

S.E.E.D./Challenge '89 Helps Students and Staff

Twenty-eight Lakehead University students and thirteen campus employers are benefiting from S.E.E.D. grants this summer. S.E.E.D. stands for Summer Employment Experience Development and the program gives wage subsidies to employers who are creating new jobs that will give students career-related experience.

Subsidies vary according to the sector in which the employer is classified. Private sector employers are given 50% subsidy up to a maximum of \$3.00/hour which ever amount is less. Public sector institutions such as Lakehead University are allowed a 100% grant which covers the provincial adult minimum wage. Non-profit organizations receive 100% of the provincial adult minimum wage plus 100% of the mandatory employer costs - U.I.C., C.P.P. and vacation pay. Non-profit groups also receive an "Other Costs" grant of \$20.00/week which helps with the summer job's supply costs and/or other miscellaneous expenses.

Students are eligible to participate in the S.E.E.D. program if they are elementary, secondary, post-secondary or vocational school students legally entitled to work in Canada. They must be registered full-time students during the preceding academic year and intending to return to full-time studies in Sep-

tember. They must also not be employed in another full-time summer job.

Students are referred to the employer by a Canada Employment Centre office and all S.E.E.D. program positions are posted there. However, students can suggest project ideas to potential employers and grant proposals can then be sent by the employer. Employers initiate the process by submitting a S.E.E.D./Challenge application form. These forms are usually available in the C.E.C. office by February and application deadline is in mid-March. If the employer receives the grant, interested and qualified students are sent to the employer by the C.E.C. office for interviews and selection.

Supervisors are expected to provide career-related or practical work experience for S.E.E.D. program students. There must be the necessary supervision, instruction and challenges to improve the student's future employability. To qualify for the subsidy, supervisors must also ensure that the student works at least 30 and no more than 40 hours per week. Employment must also occur between 6 and 18 consecutive weeks. However, part-time work will be allowed in the case of disabled students. The period of employment must fall between the beginning of May and the first week in September.

Debbie Moquin, Project Officer with the Canadian Job Strategy Unit at the C.E.C. office emphasized, "The S.E.E.D. program is designed not to displace or replace existing employment. It creates *new jobs* that would not otherwise be there without the subsidy."

Agora staff interviewed a few of the S.E.E.D. employers and employees at Lakehead University and found that both groups were very satisfied with the results of their summer projects.

Earlier this year, Marion Muldoon, Human Resources Officer became responsible for tracking all the hazardous materials on the L.U. campus for the Workplace Hazardous Materials Information System (W.H.M.I.S.) as required by the Ministry of Labour. This

is a huge task in a university environment.

Muldoon applied to the S.E.E.D. program and was able to hire two science students, Antonella Longo and Alfredo Ceccarelli to locate, identify and provide specific fact sheets to all labs and departments working with hazardous chemicals.

Ms. Longo confessed, "I am really grateful to have been chosen for this summer job. I am one of the few students going into fourth year Biology who is working in a science-related field. There is a great deal of administrative work in this position and I have found out that I prefer messing around in a lab and getting dirty. I'm glad I've learned that about myself."

"It has also been valuable to learn about the chemicals I work with every day. As a Biologist I worried more about the effect of the chemicals I was using on my specimen and not about the potential hazards to myself. I really appreciate being able to put my scientific knowledge to work", she said.

Chairman, Dr. Glen Carruthers also received a S.E.E.D. grant to help his Department of Music pursue some new directions. He needed a student to co-ordinate a concert series for the 1989-90 academic year. After interviewing a number of interested applicants he hired Debbie Allison, a third year music student and President of the Lakehead University Music Association



Glen Carruthers and concert organizer Debbie Allison.



Antonella Longo and Alfredo Ceccarelli spent the summer tracking hazardous materials on campus.

(L.U.M.A.). L.U.M.A. is also co-sponsor of the concert series.

"The department had budgeted for a 12 concert series and we were hoping to schedule local and national musicians to appear. Debbie was able to nearly double our budget for the concert series by discovering and applying for a special Ontario Arts Council grant. The additional money allowed us to schedule nationally famous artists that we wouldn't otherwise be able to afford", Dr. Carruthers explained.

"I am very pleased that Debbie was able to work so independently. She read all the promotional literature sent to us by touring and local artists and culled



Alumni team of Frances Harding (left) and Beth Huston

the list. She then conferred with me and after we made the final choices, Debbie then contacted the musician or the artist management firm involved with the offer of a concert date. All the responsibility for setting fees, programs, transportation and accommodation has been given to her", he stated.

Debbie found her position a great opportunity to find out more about local and national musicians. "I found it very flattering that nationally known musicians will travel to our young music school at reduced fees. It was great working in my chosen field this summer and actually making money. That's rare in music!", she revealed. Ms. Allison added, "I plan to do graduate work in the area of Musicology and what I have learned this summer will help."

Frances Harding, Alumni Services Co-ordinator has high praise for the S.E.E.D./Challenge program. She hired Beth Huston, a third year Political Studies student to assist her

with Celebration 1990/Lakehead University Alumni Reunion as well as other projects.

Outlined Ms. Harding, "The reunion will be the final event of the Silver Jubilee celebrations. Beth worked very closely with the Alumni volunteers to co-ordinate the event. As well, she served as editorial assistant on the alumni magazine "Nor'Wester" and helped update the files and mailing lists that are such an important part of alumni tracking. She cheerfully pitched in with general clerical and office duties when we needed her, too!"

"I think S.E.E.D. is an important and worthwhile project. It gives students opportunities for meaningful work. The jobs themselves can be part of a maturing experience - helping students discover the direction they wish to go in life. These jobs contrast with those that are available in the service industry. For instance, I gave Beth as much responsibility as she could handle and she never disappointed me", Ms. Harding commented.

Beth Huston offered, "This job has been the best experience of my life and Frances has been the best supervisor! She has always been there to give me guidance when I needed it. During the summer I have identified areas of interest and abilities that I didn't know I had. I am really excited about the kind of impact this type of job has on the community. Previously, my visions of the future lacked definition. This job has given my life direction."

Other S.E.E.D. employers at Lakehead University this summer are: Dr. W. T. Momot (Biology), Dave Christie (Finance), Alastair McDonald (Biology), Dr. S.A. Mirza (Engineering), Dr. R.E. Pulkki (Forestry), Dr. Peggy Knowles (Biology-Forestry), Dr. K.D. Eigenbrod (Engineering), Dr. Ernie Epp (History), Peter Lee (Biology) and Dr. Jim Smithers (Outdoor Recreation).

Changes at the LUFA Office

Dr. Henry (Hank) Akervall, newly elected President of the Lakehead University Faculty Association is continuing the work of former association head, Dr. Ernest Zimmermann. His term runs from June 1, 1989, to May 3, 1990.

During this time he hopes to see the new pension review through to completion. "I would like our retirees to receive a better pension. Our current pension means starvation wages for present retirees," he declared. "Our pension plan had an 18 million dollar surplus and the surplus was never redistributed to the contributors. I think we will be successful in our negotiations with the pension fund managers and it is possible that our retirees will get a 30 per cent increase in their annual pension," said Dr. Akervall.

Currently the Ontario Pension Commission and Revenue Canada are reviewing LUFA's plans and Professor Akervall is unsure when they will complete their examination of the proposal.

"Also, negotiations will resume with the university in February. We are coming to the end of our three year contract. The length of our contracts are negotiable and each time we have to determine the current advantages and disadvantages of a short-term or long-term contract," he stated. "We will be looking at making improvements in our benefits package and the impact of the day to day operations of the university on our members."

Professor Akervall added, "On a national level, LUFA is a member of the Canadian Association of University Teachers (CAUT) and their concerns are our concerns. CAUT is lobbying the federal government for increases in funding for higher education. Also, free trade has made it possible for

part-time teachers from the United States to come to teach in Canadian universities. We will watch developments in this area. CAUT is establishing a national policy on sexual harassment and is establishing guidelines to make it easier for younger professors to obtain seed money for research."

Judy Foulds, Executive Assistant at LUFA, is also a newcomer. She commenced her duties on May 1, 1989, and was formerly assistant to Ernie Epp in the federal riding of Thunder Bay-Nipigon.

"I enjoy the variety at the LUFA office. Since I am the only person employed by the Faculty Association I have to contribute to nearly everything that LUFA does. Even if I don't enjoy a particular job there's no one else to delegate to," Mrs. Foulds confessed. "I find my new position different from a constituency office since there aren't the constant interruptions. I have more control over my schedule and my work."

Mrs. Foulds was born in England. "My chief claim to fame is going to Liverpool University in the 60's when the Beatles played there," she laughed. She has completed a honours BA in History and Bachelor of Education and has taught in England and Thunder Bay.

LUFA's office hours are 9 a.m. to noon, Monday to Thursday.



Dr. Henry (Hank) Akervall

Around Campus

Thank You --

LU Staff and Faculty

Last year the Alumni Association raised \$77,000 thanks to the generosity of 127 staff and faculty members who donated \$7,861 to the Alumni Fund.

Your money was used to fund scholarships and bursaries, research, library acquisitions, allocations to faculties and departments, publication and distribution of the Nor'Wester alumni magazine, and a variety of other campus projects.

This year in recognition of our Silver Jubilee, the Alumni Association has set its highest ever target at \$100,000. And to be successful the Alumni Association is going to need your help ... again.

If you can, why not make your contribution early this fall and come out and help with the Alumni Phonathon October 10-27. You'll be telephoning some of the 4,500 graduates who live in Thunder Bay.

The Phonathon will be held in the offices of Thunder Bay Hydro from 5:30 to 9:30 pm and a light supper, prizes and refreshments will be provided. If you can spare a few hours in October and want to sign up as a volunteer caller, contact Frances Harding, Coordinator, Alumni Services at 343-8193.

Alumni Board Named

The Alumni Association of Lakehead University is pleased to announce the members of the Board of Directors for 1989-90.

President: Joe Baratta

First President: Eric Wilson

First Vice President: Betty Coates

Treasurer: Don Sutton

Representative to LU Board of Governors:

Margaret Page

LUSU Representative: Greg Beckford

Members at Large:

Peter Gacuk

Debby Krupa

Larry Hebert

Lynne Merritt

Lynda O'Brien

Jeff McKenzie

Twenty-five New Grads!

A graduation ceremony was held for Lakehead's Native Language Teachers Program. Diplomas were given to 25 students.

There are two diploma programs; Native As a First Language and Native as a Second Language. These programs involve three weeks of training every summer for four years. Students come from across Ontario, Manitoba and parts of the United States.

The pilot program began in 1972. Since then many students have graduated and gone back to their communities to work in administration at their band offices.

Fade-out for Matchbox

After 18 years of service to the university community the Matchbox convenience store closed on Aug. 11, 1989. It served as a central depot on campus offering a sub-post office, confections, books, cards and clothing.

Matchbox owner Ken Dolph said, "the university is making some physical renovations and we wouldn't be able to operate once the construction started. Also, the University is planning to open its own on-campus store. It's hard to leave all the people that we've associated with over the years. But it's been a pleasure to be of service to so many great individuals."

"I am looking forward to a career move. I know that change is inevitable and I appreciate the fact that administration gave me more than enough notice. In fact, I selected the closing date that would be most convenient for me," he declared.

Lorraine Harris, Executive Assistant of the Lakehead University Student Union noted, "It's sad to see a familiar face go. I hope that the new university-operated store opens on Sept. 1. The students need the service. I expect the prices in the new store to be compatible with student budgets and I hope to see another sub-post office established on campus. It is also my understanding that the new convenience store will be hiring student workers. I'm pleased that all profits from the store will be returned to the students in the form of bursaries."

Highlights from the last Board of Governors' Meeting

Sad Farewells: Six members retired from the Board of Governors effective July 17, 1989: Mr. G. Sydney Halter, Mrs. Ruth Callon, Mr. Arnold E. Westlake, Mr. Archie Watson, Prof. F.J. Anderson and Ms Charlotte Caron. The Chairman extended deep thanks and appreciation to all retirees for their significant contribution to the Board. The University acknowledged Mr. Halter's remarkable achievement of 15 consecutive years of active service. He was first elected to the Board in 1974 and was re-elected for four additional 3-year terms. He served as first Vice-Chairman from 1983 to 1984 and Chairman from 1984-86. Mr. Halter's served on the Executive committee of the Board and other standing committees, most notably many years on the Investment Committee.

Townhouses Names: Following a precedent of naming various residence "houses" after cities and towns in the geographic area, the new townhouse residences were named: Nakina House, Ignace House, Keewatin House, Beardmore House, Wabigoon House and White River House.

New Members: The Board welcomes five new members: Dr. Jane Crossman, Senate representative, Mr. Roch Letourneau, LUSU representative, Mrs. Augustine, Mr. Fred Stille and Mr. Frederick J. Nowgesic, community representatives.

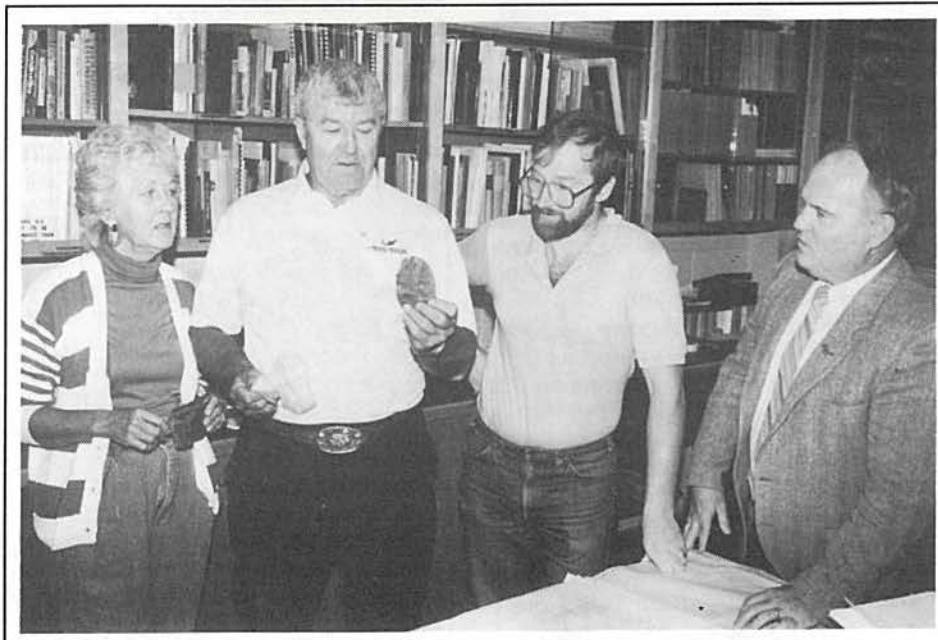
FOCUS ON A NEW MEMBER:

Elected for a 3-year term is the University's first North American Indian representative. Frederick Nowgesic is from Gull Bay, and is a Program Manager with Employment and Immigration Canada in Thunder Bay. His community involvement includes six administrative positions with the Gull Bay Indian Reserve. He is the elected representative by the Chiefs of the Robinson-Superior Treaty of 1850 to the Union of Ontario Indians, and the designated to the Assembly of First Nations. He is also very active with the Neebing municipal council and somehow manages membership in many other organizations like the K of C., Thunder Bay District Labour council and native Indian Pastoral care. Lakehead University is proud to have Mr. Nowgesic as the first Native representative on the Board and in his own words, "my contribution to your Board would be the Native Indian perspective in terms of philosophy, the degree of awareness of issues and problems of our times".

Amateur archeologists donate their life's work to University

It began with a fishing trip in the 60's. Dick and Mary Anne Smach of Minnesota were portaging around a rough spot on the Black Sturgeon when they found a pot on the shoreline". A 20-year love of archeology really began that day and Lakehead University is the happy beneficiary of their avocation. Calling it "a significant collection in phenomenally good shape" archeologist, Scott Hamilton, received approximately 20,000 items from the Smach family to be housed permanently at Lakehead University. "Because they kept everything organized and catalogued in great detail, including mapping, these prehistoric artifacts are a useful collection for research purposes. It's excellent."

Items include pottery and stone tools and fragments from the production of stone tools. The vast majority of the collection was discovered littering the washed out beaches of the Black Sturgeon River system. Murray Lankester, the past Director of Research and Graduate Studies, said the University was proud and fortunate to receive the private collection.



Mary Anne and Dick Smach, discuss one fragment of the collection they generously donated to the Department of Anthropology. Professor Scott Hamilton and Murray Lankester in the laboratory.

Northern Experience Summer 1990

*Open to Third Year, Fourth Year,
and Graduate Students
All Disciplines*

The Centre for Northern Studies is launching its 1990 Northern Experience program which is open to all disciplines. The Centre, in conjunction with the Presidential Advisory Committee on Northern Studies will apply for financial support (Northern Training Program) on behalf of interested students and faculty members. The primary area of focus is the region of Canada that has permafrost. So if you are

a student interested in working in the north.....

or

a faculty member interested in supervising a project.....

or

a Northerner that has a contact for development of a local initiative

Please contact Dr. Paul Watts or Ms Robbie Ferguson at the Centre for Northern Studies at extension 8360.

The Role of Circumpolar Universities in Northern Development: November 24-26th

Conference sponsored by The Centre for Northern Studies, Lakehead University.

The Conference will provide a forum to examine the challenges unique to the development of the north and the ways in which universities and governments can together respond to them. One of the objectives will be to provide a systematic and documented comparison of the different approaches used to meet the circumpolar development mandate. It is anticipated that the event will further develop and strengthen the links and cooperation already existing between the circumpolar institutions.

The conference is attracting leaders from the international academic community, senior policy makers from all levels of government, and other individuals interested in the area or topics to be discussed. The main theme of the conference will be examined from the perspective of each of the circumpolar universities and from their respective

governments. Emphasis will be on pragmatic and unique responses to the challenges of the day. More specialized thematic sessions will explore the many perspectives of northern development. A combination of plenary, concurrent, and workshop sessions will provide appropriate levels of presentation and discussion.

A reception at the Valhalla Inn will welcome delegates on Thursday evening, November 23rd; conference sessions and activities will take place on the campus of Lakehead University (Saturday) and at the Valhalla Inn (Friday & Sunday). The final conference event, Sunday luncheon, will be the occasion of the official opening of the Centre for Northern Studies.

The participation of Lakehead Faculty and Administration in the conference is welcomed. Please contact the Conference Coordinator, Jean Engholm, for further information and for details of registration at 343-8377.

Japanese Learn English - Northwestern Ontario Style

This summer, "hello" became as easy as "kon nichi wa" when Lakehead University hosted 31 Japanese students in an English Immersion Program.

After several years of formal English instruction, students from Gifu College, Hashima-gun, Gifu-ken Japan needed to apply their knowledge in a practical setting. Dr. Emil Dolphin, of the Department of Languages, and the Department of Continuing Education developed the program and greeted an excited group of students on July 21, 1989.

The students lived in campus residences and visited host homes on the weekends. The two living arrangements gave students the opportunity to become thoroughly immersed in Canadian culture and society. It was also a learning experience for members of the host homes to learn more about Japan and its people.

The Languages Department hired six Lakehead University students to work closely with the Japanese students. These monitors lived in residence and encouraged the visiting students to speak English.

Immersion program teacher and weekend host David Nancekivel observed, "I took the students to my summer cottage and we filled the weekends with waterskiing, canoeing and fishing. My first group of students were so tired after one day's activities that they slept until one in the afternoon!"

He added, "they asked me if all Canadians talk so much at meal times. Apparently,

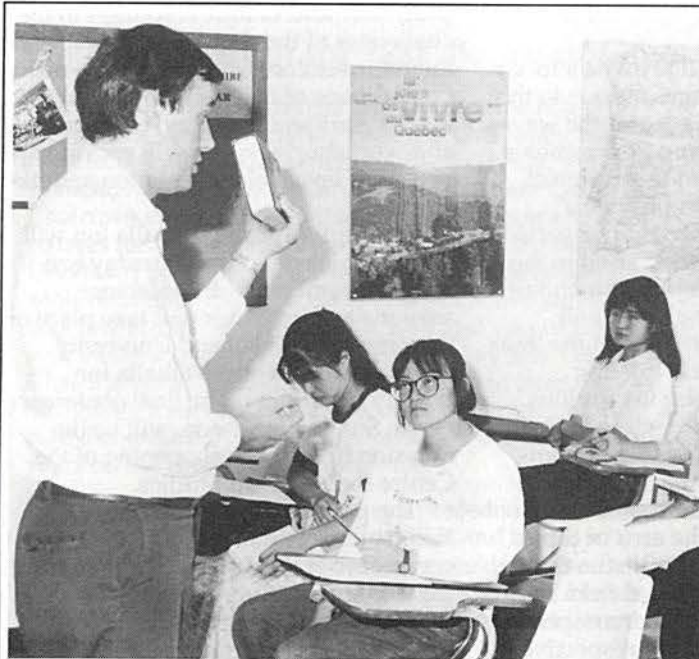
this is not done in Japanese homes. The students enjoyed all types of food except for our desserts. They are much too sweet for Japanese tastes."

While at Lakehead, students received 60 hours of classroom instruction. According to Professor Peter Seyffert, their

out-of-classroom experiences included field trips to a local mine, the Thunder Bay Art Gallery, a harbour boat tour, the district agricultural station and Old Fort William.



Yoshiyuki Matsuda, a Japanese student from Gifu College, winces like most men when he has his necktie adjusted by a "gentleman" in the Great Hall at Old Fort William. Fellow student Yoko Tsuji chuckles over her classmate's reaction. The field trips provided the students with opportunities to develop their language skills.



Language professors David Nancekivel (left) and Peter Seyffert co-ordinated in-class language programs with the field trips.

Lakehead University Voyageurs Return from 3,000-km Trek

continued from page 1

Lakehead group completed Phase I, which re-created Mackenzie's search for the Northwest Passage. Another goal of the expeditions is to help Canadians understand the importance of this chapter in Canadian history.

Like the early explorers, the modern voyageurs endured 12-hour paddling days, unpredictable weather, and swarms of insects.

Throughout the journey, the explorers felt a kinship with Mackenzie and his group. Following Mackenzie's diary, they often found themselves walking and camping in the exact spots Mackenzie had been 200 years earlier.

In spite of some of the hardships, Lakehead University's explorers had some exciting moments. They were able to paddle across Great Slave Lake, one of the largest lakes in North America, and had a chance to meet a descendent

of one of Mackenzie's voyageurs.

Along the route, the students and leaders enjoyed the warm hospitality of several northern communities where they were treated to special ceremonies and banquets. During the isolated paddling days, encounters with moose and bison added new dimensions to wilderness exploration.

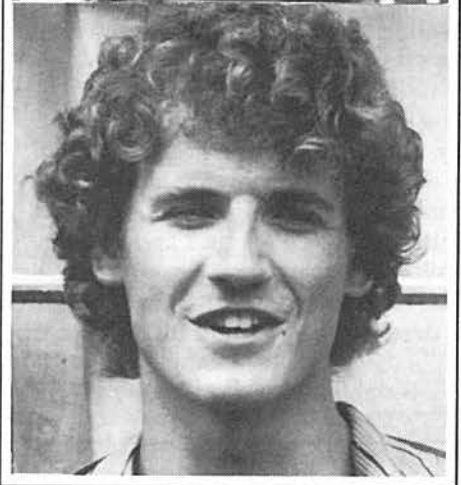
Now that Phase I of the Mackenzie Sea-to-Sea expeditions are over, attention is turning to the remaining phases. Phase II will take effect in 1990 with a touring exhibit depicting Mackenzie and his significance to Canada's development. These exhibits will visit major communities across the country. Phase III is planned for 1991 to 1993. It will involve an excursion stretching from Montreal to the Pacific Ocean, covering 8,835 kilometers.

Photos, top right and clockwise, Fiona Tyrell Terence Carty, Angela Goering (centre left), Jennifer Steele-Allen, Derek Apple (constantly busy with the media), Peter Labor and Lisas Riseling.

The Sir Alexander Mackenzie "Canada Sea-to-Sea" Bicentennial Expedition Participants

*Jim Smithers Expedition Leader
Derek Apple Expedition Assistant*

Allison Barr
Phil Boswell
Cliff Britton
Leslie Bugden
Jean-Guy Cadieux
Terence Carty
Don Chevalier
Ian Collinson
Rich Corbyn
Angela Goering
Chrissy Evans
Peter Labor
Mary Beth Moore
Kelly Morgan-Rauh
Tracey Mullins
Jane Papenhuyzen
Shawn Patterson
Andrew Pitre
Lisa Riseling
Jennifer Steele-Allen
Fiona Tyrrell
Karin Vogel
Dave Walsh
Laurie White
Brandon Woods

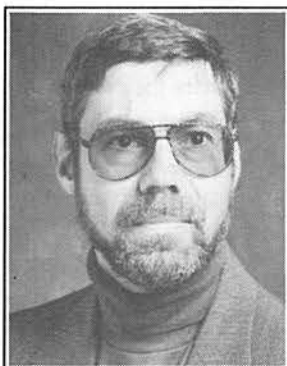


Colin Graham

Dr. Colin Graham comes to Lakehead University from Northwestern University. He has been appointed full Professor in the Mathematical Sciences Department for the 1989-90 academic year.

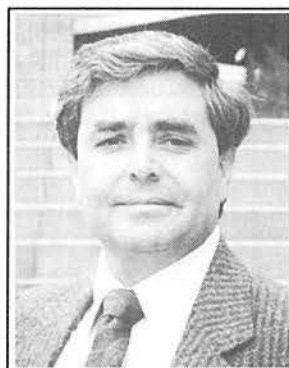
Along with continuing his research in Fourier Analysis and Functional Analysis he will be teaching Calculus and Differential Equations for Engineers. "Fourier Analysis examines functions in terms of waves much like a musician's ear does when she hears a chord and can determine which instrument plays which note," he explained.

Professor Graham has been on the Northwestern Faculty for the past 20 years and received his Ph.D. from the Massachusetts Institute of Technology and his Bachelor's degree from Harvard. "The summer is delightful here," he enthused, "people are more relaxed." "My wife, Mary Weir and I are hoping to stay in Thunder Bay. She has been appointed Associate Minister at First Church United." During his off hours he likes to work on his MacIntosh computer and finish moving into his new house. "I also plan to be singing Tenor in the church choir and reading Canadian literature. My favourite authors are Jannette Turner Hospital and Timothy Findley."



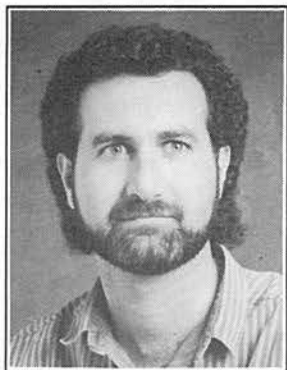
Aris Carastathis

A newly appointed Assistant Professor (Theory) in the Department of Music, Dr. Aris Carastathis was most recently affiliated with the Saskatoon Conservatory in Saskatoon, Sask. He was awarded his Doctor of Musical Arts (Composition) from Louisiana State University, his Master of Music (Composition) from the University of Northern Iowa and his Bachelor degree also from Northern Iowa. Professor Carastathis explained, "the Music Department will be trying to present a uniform program of Music



Theory. So far, it is a three year program which will emphasize ear training. In the future we may look at expanding into composition and electronic music." "I am enjoying my new colleagues. They are being very helpful and hospitable and I like the relaxed atmosphere." Away from the classroom he enjoys composing -- experimenting with new sounds. "The idea of pleasing sounds is not as important as the emotion raised by the sound itself. I think it is important to explore new areas," he revealed. "I also like all types of sports especially cycling, soccer, racquetball and tennis."

Jose De Cangas



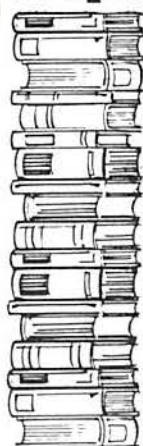
Recently appointed to the Faculty of Nursing, Assistant Professor Jose De Cangas is thoroughly enjoying life at Lakehead University. He obtained his Master of Nursing from the University of Alberta and his Bachelor of Nursing from the University of Manitoba. Professor De Cangas became a Registered Nurse and a Registered Psychiatric Nurse in London, England. Most recently, he has been employed in health administration. He was Regional Director of Community Mental Health Services in the Red Deer region, Director of Nursing at the Alberta Hospital, Edmonton, and Director of the School of Nursing at the Brandon Mental Health Centre. Among his plans for the year are teaching third year Psychiatric Nursing and a research project involving Lakehead Psychiatric Hospital. The study will deal with following up the chronically mentally ill in the community. "I am delighted to be at Lakehead University. You have a great computer system and friendly people who really go out of their way to assist Newcomers," Professor De Cangas noted. "Much of my spare time is devoted to writing articles and reviewing books for 'Hospital and Community Psychiatry.' I love to collect rare wine -- I have over 500 bottles in my collection. If there are any staff interested in starting a wine club on campus, please contact me at 8246. I also like bird watching -- we have a hummingbird feeder in our yard." Other interests include fishing, sailing and travel.

Faculty receives support for teaching

Dr. Ken (Mac) Brown has been appointed the first instructional Development Advisor for a 1-year term. He tells a humorous story about his first teaching experience. "I had a terrible time. There must have been 180 students, Faces to the rafters. It was really intimidating." Motivated by that early memory and a sincere interest in developing strategies to assist professors become better teachers, Mac Brown is 'ready for the challenge'. In addition to developing the role of the new position, Professor Brown will teach three half-courses in his area of forestry expertise. Brown has served on the Senate Teaching and Learning Committee

Tackling his new job with great enthusiasm. Brown has already produced his first issue of a faculty newsletter and is busy reviewing books and investigating upcoming teaching seminars. He will be looking for input from his colleagues and believes that compiling an inventory of expertise and interests will be high on his priority list. Give Mac a call 8369 or drop by for a visit at BB1011D.

Papers/Publications & Special Projects



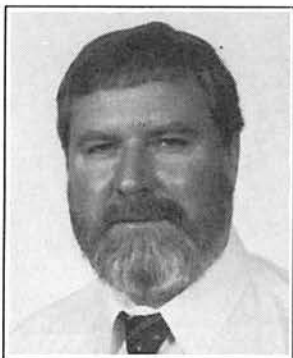
Dr. Joyce Forbes was one of 10 invited participants to a day of symposia (June 9, 1989) at Guelph University on the "State of the Art of Collaborative Planning of Curriculum at Canadian Universities." Most participants were #M Fellows and/or OCUFA award winning educators. The symposia were preceded on June 8, 1989 with presentations given by 16 Guelph award winning educators and OCUFA's 16th Annual Awards Ceremony for outstanding contribution to university teaching.

Lakehead University was well represented at this year's OCUFA award ceremony. Attending the ceremony were Dr. Penny Petrone, one of this year's 13 winners; Dr. Paul Satinder, member of the OCUFA Committee on Teaching Awards; Dr. John Griffith of Lakehead's faculty association and Joyce Forbes. These celebrations were part of the 25th Anniversary Celebration of Teaching at Guelph.

Dr. Douglas Thom, School of Education, is entering his third year as Editor-in-

Chief of The Canadian Society for the Study of Education (CCSE) News. This publication is supported through a Social Sciences and Humanities

Research Council (SSHRC) of Canada grant. It is the monthly communication vehicle for the CCSE which is the main national unifying association for researchers, professors and others interested in Canadian education. In his role, Dr. Thom solicits material, deals with education and business organizations across the provinces and is responsible for the final decisions regarding content and style. A strong content focus is materials on research and development in Education (both established and innovative themes). Professor Marta Blenkarn of the School of Education assists with French and



there is a cross-Canada advisory board. The CCSE News is mailed to 1,100 educator professionals across all Canadian universities, community colleges, school systems and some international locations."

Dr. Willard H. Carmean, School of Forestry, recently presented two invited papers at forestry conferences. The first paper was presented at the Ontario Ministry of Natural Resources Workshop "Tools for Site Specific Silviculture in Northwestern Ontario," held April 18 - 20 in Thunder Bay. Carmean's paper "Site Quality Evaluation for Forest Land in North Central Ontario" summarized the site quality research program developed at Lakehead University.

The second paper was presented at the Western Mensurationists Workshop held June 14-16 in Kelowna, B.C. Carmean presented the keynote address for the Workshop "Relations between site quality evaluation, yield prediction, and forest land classification."

Dr. Chris Jecchinis, Professor Emeritus of Economics, has visited officially the Soviet Union after an invitation from the Soviet Institute of World Economy and International Relations. Dr. Jecchinis gave a paper on The New Trends in the Management of Human Resources to the international participants of the United Nations program of Demography and Development Planning which is organized by the University of Moscow. He also gave a seminar to the staff of the Institute of World Economy and International Relations. Two Soviet scholars are collaborating with Dr. Jecchinis in the writing of a book on the problems of the developing countries which will be published early in 1990 in five languages.

Dr. Jecchinis is currently the Research Director of a project sponsored by the EEC concerning problems of regional labor markets, and he is also a member of a standing committee on workers' participation in management and the working environment as part of the effort to implement the European Communities' Social Charter.

Dr. W.T. Melnyk of the Psychology Department, has been invited to address a symposium in Ottawa to the Emergency Preparedness Canada Group on September 27. Title: Air Crash Trauma:



Perestroika: Dr. Chris Jecchinis, Professor Emeritus of Economics, with Dr. May Volkov of the Soviet Academy of Science at the front of Moscow University (May 1989).

Psychological Effects on Relatives and Survivors."

Frederick M. Holmes, Department of English, has published "The Trouble with Giles Goat-Boy: The Perils of Narrative Self-Subversion." *Wascana Review* 23 (1988): 51-65.

Appointments

Geoffrey R. Weller was elected Secretary-Treasurer of the Canadian Association for Security and Intelligence Studies (CASIS) at the annual meeting of the Association held in Quebec City in June.

Accreditations Awarded

The School of Engineering

During the past 15 years Dr. Locker and his colleagues in the Departments of Chemical, Civil, Electrical and Mechanical Engineering have developed strong engineering programs with national reputations with students and employers. Engineering programs in Canada are reviewed at least every six years by the Canadian Engineering Accreditation Board. Lakehead University's engineering programs have been accredited since their inception in 1974. Following a review in October, 1988, each program was awarded with a six-year accreditation, the maximum term possible, by the Canadian Engineering Accreditation Board. The University is particularly proud of this achievement because only approximately 50% of Canadian Engineering programs that have been reviewed in recent years have received the full term accreditation.

The Engineering programs at Lakehead University attract students from coast-to-coast, in fact, 20% of the students in the Bachelor of Engineering degree programs come from British Columbia. Dr. Locker is often surprised to learn that local high school students are not aware that they can obtain a quality Bachelor of Engineering degree with four years of study in Thunder Bay.

Dr. Locker has been reappointed as Director of the School of Engineering where he is the longest serving academic administrator, having occupied this position since January 1976. Dr. Locker began his teaching career in 1963 at the Royal Military College and taught at the University of Regina prior to coming to Lakehead University. This year he was honoured by the Engineering Institute of Canada when he was made a Fellow of the Institute and by the Association of Professional Engineers of Ontario which made him a member of the Sons of Martha. These awards were made for contributions to the profession and to engineering education in Canada. He is past Chairman of the Committee of the Ontario Deans of Engineering and is presently Chairman of the National Committee of Deans of Engineering and Applied Science.

The School of Nursing

The School of Nursing at Lakehead University has become the first university school of nursing in Ontario to receive accreditation from the Canadian Association of University Schools of Nursing. The 3-year accreditation puts Lakehead in the company of only three other Canadian Universities. According to Director, Marg Boone, "one of the reasons we were anxious to apply early in the process was because we were the school in the pilot study in 1974/75. It meant we were committed to the process of accreditation." "It's an affirmation that we have a strong and unique nursing program," said a proud Margaret Boone who pointed out that all faculty participated in the development of the report. "The process included about six months of self-study and the report presentation plus a 3-day on-site visit by a national review team. "All members were impressed with our curriculum and commented on the support and closeness of not only the University community but with the community at large. "We found out during the preparation that we work well together as a group". The School of Nursing receives provincial approval for students to write their restration exams but being awarded the national accreditation indicates that "we are striving for a degree of excellence".

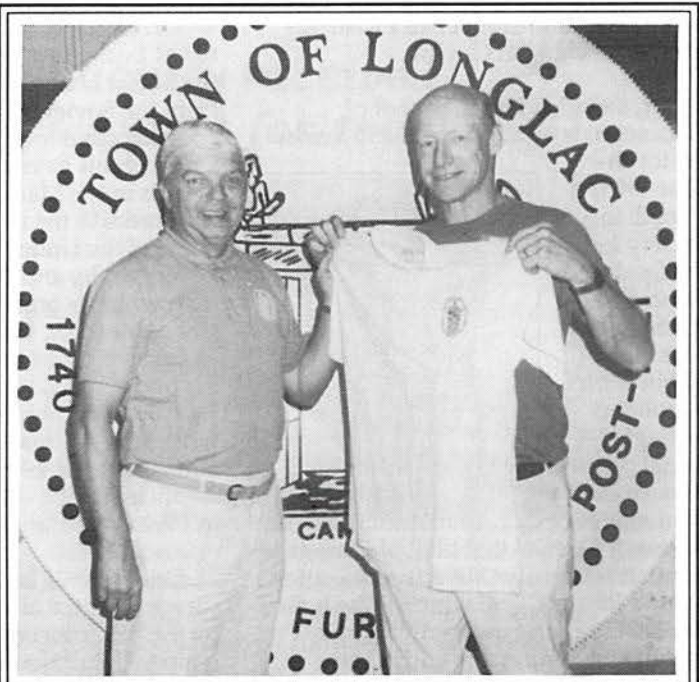
Merit Awards

ARTS AND SCIENCE

J. E. Molto, Anthropology, scholarly activity and service to his Department and University; M. Knowles, Biology, Research and teaching; N. Weir, Chemistry, research and service to his Department and University; S. R. MacGillivray, English, service to the Department and scholarly activity; J. M. Richardson, English, scholarly activity and service to the University; H. Rasid, Geography, research and service to the University; G. Borradaile, Geology, research and service to the Department; R. Mitchell, Geology, research leadership and publications; J. D. Rabb, Philosophy, research and publications; R. Delaney, Social Work, service to his Department, the University, his Profession and the Community; D. Nock, Sociology, research and publications.

PROFESSIONAL STUDIES

Dr. K. Brown, Forestry, outstanding contribution to School and University activities; M.C. Courland, Education, outstanding contribution to Profession and achievement in research and scholarship; T. Song, Physical Education, outstanding achievement in research and scholarship; Professor C. Loos, Nursing, outstanding achievement in research and scholarship; S. A. Mirza, Engineering, outstanding achievement in research and scholarship; V.R. Puttagunta, Engineering, outstanding achievement in research and scholarship; R. Nelson Business, outstanding service to the School, Faculty and University; M. Boone, Nursing, outstanding service to the School and University; R. Lappage, Physical Education, exceptional achievement in research and scholarship.



Double anniversary

Photo right, Moe Klytor (left) Director of Student Placement at Lakehead University, presents Dave Wright of Kimberly-Clark of Canada Limited, a shirt commemorating the University's 25th Anniversary. The men were in Geraldton celebrating the 60th Anniversary of Logging and both acknowledged the co-operative role between the university and the logging industry.

Research News

FROM THE OFFICE OF GRADUATE STUDIES AND RESEARCH

Director: Dr. Connie Nelson

The Office of Research and Graduate Studies wishes Ms. Trish McGowan the best in her new academic career - pursuing a degree in Languages and Linguistics at University of Ottawa. As the Office continues to work to enhance research opportunities for faculty, I am sure we will constantly be appreciative of all the work Trish has done in promoting research opportunities at Lakehead University and in encouraging supporting faculty in their research endeavours.



I am very happy to announce that Ms. Anne Fiorenza has been appointed acting research officer. Anne has a degree in Business Administration from Lakehead University with a major in Marketing and Personnel. She has previously been working with Innovation North utilizing marketing research to develop business plans. This work provided many opportunities to have contact with private industry and various government agencies.

The Office of Research and Graduate Studies has been busy this summer gearing up to support faculty in responding to the many research funding opportunities available during Fall Term. Please feel free to drop in or call about any of the research funding opportunities listed below or others that come to your attention where this office could be of further assistance.

CONTRACTS AWARDED

Dr. Murray Lankester (Biology) has been awarded a contract by the University of Saskatchewan for a research project entitled, "Studies of the Biology and Pathogenicity of *Elaphostomylus cervi* in Fallow Deer". The objectives of the research, to be conducted at the University of Alberta, are to determine whether *E. Cervi* develops to maturity and produces first-stage larvae in fallow

deer; to determine if clinical disease results in fallow deer given *E. cervi*; and to describe the gross - and histo-pathology resulting from infection.

Dr. L. Malek (Biology) has been awarded an O.R.R.R.G.P. contract by the Ministry of Natural Resources to study "Chloroplast gene expression in relation to tree seedling stress tolerance". The purpose of the research project is to establish photosynthetic parameters indicative of winter hardiness of tree seedlings produced by the extended culture method; with the goal to develop predictive tests of seedling stress tolerance levels, applicable to winter stress, and possibly other environmental stresses. As well, basic knowledge will be gained about the regulation of chloroplastic gene expression, in respect to photosynthetic potential of tree seedlings subjected to environmental stress.

Professor K.C. Yang (Forestry) has been awarded a contract by the Ontario Renewable Resource Research Grants program (ORRRGP) to study the "Wood properties of *Picea mariana* and *Picea glauca* trees at various spacings". The objective of the research project is to determine the impact of spacing to wood property. The results of this study will provide fundamental information for tree breeders, district managers and forest industries involved in long term forest planning.

Dr. Harold G. Cumming (Forestry) has been awarded a contract by the Ontario Renewable Resource Research Grants Program (ORRRGP) to study the "Effect of glyphosate herbicide application rates on moose browse and moose behaviour." The purpose of the research project will be to determine if forestry objectives, requiring the use of glyphosate herbicide, can be achieved without eliminating the treated areas from the inventory of moose range habitats. The research would also contribute to the growing knowledge about the environmental effects of this chemical.

FUNDING OPPORTUNITIES

Natural Sciences & Engineering Research Council - Operating and Equipment Grants

It is, once again, time to prepare submissions for NSERC's Operating Grant competition. The deadline for receipt of applications for new applicants is **October 15** and, for renewal applicants, **November 1**. The Equipment Grant application deadline is also **November 1**. Council anticipates a 30% success rate in this year's competition, which is higher than in the past few years. New Awards Guides and all necessary forms are available at this office.

Social Sciences and Humanities Research Council - Research Grants

SSHRC's Research Grants Program supports research in all disciplines of the social sciences and humanities, including biographical and historical studies in the fine arts. Grants may range from \$5,000 to \$100,000 a year, from one to three years, and may include a research time stipend for teaching release when justified by the needs of the project.

Applications should be submitted to this office by **October 10, 1989**.

Ontario Ministry of Community and Social Services - Lottery Research Grants Program

The Lottery Research Grants Program provides funding for applied research and program evaluation projects concerning developmentally handicapped persons, elderly persons and physically disabled persons. Priority is given to collaborative studies which are relevant to service delivery issues.

The application deadline is **October 6, 1989**.

Ontario Mental Health Foundation Research Grants

The Foundation will support research work which deals with any of the biological, psychological or social factors which either foster mental health or lead to mental illness. The Foundation aims to improve knowledge about the prevention of mental disorder, and the rational and efficient diagnosis, treatment and rehabilitation of the mental diseases. Applications dealing with any period of the lifespan, any of the factors thought to cause psychopathology, and from any of the relevant scientific specialties will be accepted.

Small Research Grants are designed to support pilot or feasibility studies, or studies by junior or new investigators, and have a limit of \$15,000. Research Project Grants provide funding up to \$75,000 a year for one or two years.

The application deadline for both of these categories is **September 29, 1989**.

The Premier's Council on Health Strategy - Health Innovation Fund

The Health Innovation Fund provides financial assistance for innovative pilot projects aimed at improving the overall health of all Ontarians. A wide range of projects that address community health needs will be considered. These can include health promotion and disease prevention projects; projects that strengthen coordination between programs; and projects offering funding and/or incentive arrangements to improve the way that health services are

provided. Projects should address the following objectives: to reduce inequities in health status across the province; to effect positive changes in consumer attitudes and behaviours regarding individual/family health status; and to improve coordination in the delivery of services and programs that support health; to test new and cost-effective methods for delivering these services.

Application deadlines are

October 1 & March 1.

Health and Welfare Canada - National Welfare Grants Special Competition:

Community Health, Health Care and Social Service Aspects of Osteoporosis Priority areas for research in this special competition are studies of people with osteoporosis (Identification of modifiable risk factors, preventative strategies for diminishing risk factors, effects of decreased mobility etc.); studies of family and informal caregivers; studies of formal services and formal caregivers; and research methods that enhance measurement of the functions and care needs of people with osteoporosis. The application deadline is October 30, 1989.

Health and Welfare Canada - Special Competition:

Strengthening Community Health Services - Literature Reviews

Proposals are invited for critical review papers which appraise the published and unpublished findings on the following topics: (1) preventative strategies in community health services (disease prevention, health behaviours, and social/environmental conditions); (2) organizational multi-disciplinary models for community-based services; (3) models and strategies of delivering community health services with emphasis on participation, planning and evaluation. The application deadline is November 21, 1989.

Ministry of Colleges and Universities - University Research Incentive Fund (URIF)

This program has recently been renewed for an additional three years with a total of twenty-five million dollars for matching, dollar for dollar, eligible investments by the private sector in university-based contract research. Program funds will be given to the university and can be used to provide salary support for professional, technical and support staff, to assist in the purchase, installation or modification of research equipment, or to subsidize indirect costs. The deadline for applications is October 15, 1989.

Canada Mortgage and Housing Corporation - External Research Program for Housing Research

CMHC is interested in all aspects of housing and urban growth and development in Canada. The External Research Program supports research investigations into all questions affecting Canadian housing, including the social, cultural, economic, technical, environmental, legal and administrative aspects of housing.

The deadline for applications is

October 2, 1989.

RESEARCH FELLOWSHIPS

Japanese Science and Technology Agency Fellowships

These fellowships, available to promising young researchers (those who have received their doctorates within the last ten years), are tenable in Japan's National Laboratories and at certain non-profit research institutes. Fellowships are available in any discipline in science or engineering and may be held for periods between six months and two years. Included in the fellowship are travel and living expenses, housing and relocation allowances.

There is no deadline for the submission of applications.

The JSPS Postdoctoral Fellowship for Foreign Researchers

This award is intended to provide young foreign researchers with opportunities to pursue collaborative research with their counterparts at Japanese universities. Eligible fields of research include the humanities, social sciences, natural sciences, engineering and medicine. Applicants must hold a doctorate, be not more than 35 years of age at the commencement of the Fellowship, and make prior arrangements with Japanese host researchers regarding research plans. The award will provide travel expenses, a monthly stipend, settling in, housing, family and language - training allowances.

The Bora Laskin Fellowship in Human Rights Research

This fellowship has been established to encourage research and the development of expertise in the field of human rights. The research should emphasize themes and issues relevant to the Canadian human rights scene. Research in all areas of the humanities and social sciences is eligible. The fellowship is tenable for one year and is valued at \$45,000, with an additional \$10,000 for travel and research expenses.

The application deadline is

October 1, 1989.

The Jules and Gabrielle Leger Fellowship

The Leger Fellowship is awarded for research and writing on the historical contribution of the Crown and its representatives, federal and provincial, to the political, constitutional, cultural, intellectual and social life of Canada, including comparisons between Canadian and other Commonwealth systems. The fellowship, tenable for one year, is valued at \$40,000, with an additional \$10,000 for travel and research expenses.

The application deadline is

October 1, 1989.

Association of Commonwealth Universities -

The Symons Fellowship in Commonwealth Studies

The intention of this fellowship is to give major impetus to the completion or to the launching of a significant piece of academic work and/or publication in any branch of Commonwealth Studies. Of particular interest are topics pertinent to the Commonwealth in such areas as the study of human resources, higher education, human rights, multiculturalism, cultural policy, and international academic and cultural relations.

The fellowship may be held in any member institution of ACU outside the Fellow's own country, for between three and six months' duration. The fellowship will provide for travel expenses and a living allowance.

Nominations by the President must be submitted by **October 15, 1989.**

Information about research opportunities is available at the Research Office, UC-2002, Ext. 8223. Please feel free to drop in or call at any time.

GET THE FAX FACTS

The friendly staff in the Travel, Telex and Liquor Services office at UC0003E (around the corner from Human Resources) offer this advice for faculty and staff sending a FAX on either University or personal business.

1. Fill out the cover sheet and "log in" with your budget code. Rhonda or Carol Ann will show you how to send your material. A FAX is merely a photocopy by phone wire.
2. For sending a private FAX bring CASH. North America - \$1.50 per page with a \$5 minimum. Overseas - \$3 per page with a \$10 minimum.
3. Receiving a personal FAX will cost you .25 to .40 cents per page.

Lakehead's Learning Assistance Centre

The Learning Assistance Centre was established in September 1988 to offer increased academic support to all Lakehead University students, to improve and expand existing tutoring services and to provide increased administrative and academic support to students with special needs.

We began offering tutoring in English and Mathematics on a drop-in or by appointment basis. The peer tutoring program was added to the Centre and all tutoring services were co-ordinated and expanded. With six tutors working part-time in the Centre and approximately eighty students tutoring in the peer tutoring program, learning assistance took on new meaning. In addition to the formal lectures and personal help provided by Lakehead's professors, students had a place to turn to for free individual and small-group tutoring and workshops on topics such as essay writing.

We monitor our progress through evaluations of our tutors and evaluations of our programs and procedures, and respond to concerns and requests for increased services. We will continue to offer the academic support begun last year and will expand and improve this support. For example, tutors will receive training through tutoring skills workshops provided by the Centre.

We also provide support to students with special needs. Like other post-secondary institutions, Lakehead University has an increasing number of students with special needs who are continuing their academic studies. Students with special needs include those who are deaf or hearing-impaired, blind or visually-impaired, mobility-impaired, learning-disabled or speech-impaired. We meet with students on their special learning needs and consider the academic accommodations

which will allow equal access to education at Lakehead. Some students need textbooks read onto tape by the Ministry of Education's W. Ross Macdonald School. Some need additional time for examinations and in-class assignments. Others need notetakers in class and some must "note" lectures by audio-taping. Oral examinations are needed by some, while others must use a word processor to "write" examinations. We have a word processor and variable-speed tape recorder for use in the Centre by students with special needs.

To aid faculty and support staff in understanding the academic accommodations needed by students with special needs, we are distributing this Fall a handbook on special needs and situations which may arise. An instructor may be asked to wear an FM transmitter for a hearing-impaired student using an FM Phonic Ear. Diagrams or charts may be needed for print enlargement or to be described to a visually-impaired student by a reader hired by the Centre. Last Spring, we organized an awareness seminar on Learning Disabilities and their Effect on the Learning Process. These non-visible learning disabilities often are the most difficult to understand and include dyslexia, dysgraphia and discalculia.

The Learning Assistance Centre exists for all full-time and part-time students of Lakehead University and we respond to students' academic needs, complementing the formal learning methods and enhancing student life at Lakehead University. We invite inquiries and look forward to discussing any aspect of learning assistance. Please call Geraldine White, Co-ordinator of Learning Assistance, at 343-8087 or drop in to the Centre at UC0031.

GRADUATE TEACHING ASSISTANTS LAB ASSISTANTS STUDENT MONITORS

YOU ARE INVITED TO ATTEND A TWO-PART WORKSHOP ON

THINKING ABOUT TEACHING AND LEARNING

Thursday, September 14th
and September 21st, 1989
7:00 - 10:00 pm

CONFERENCE AND SEMINAR CENTRE
BARTLEY HALL

Limited to 65 participants
Application Forms available from
Departmental Chairpersons or Office
of Graduate Studies & Research,
UC-2002

APPLICATION DEADLINE,
SEPTEMBER 12, 1989

Sponsored by The Senate Committee
on Teaching and Learning

Savings For Your Budget Employment For Students

As part of the Ontario Student Assistance Program (OSAP), the Ontario Work Study Program (OWSP) offers students eligible for OSAP the opportunity to work part-time to subsidize their OSAP funds. The maximum earnings per student per term is \$1,000.00 to a maximum of \$2,000.00 per year. The announcement that the Ministry of Colleges and Universities will cost share 75% instead of 50% for the OWSP should increase

participation of University departments and research grant recipients. What this means is that each employer (like yourself) can hire an eligible student from September to March and only use \$500.00 from your budget. What a great way to get that project or special research assignment done and help a student at the same time.

Last year, jobs such as slide technician Visual Arts, and project assistant in the Registrar's office were successfully filled by students. For more information contact Phyllis Bosnick in the Financial Aid Office or call her at ext. 8150.

What Every Adult Learner Wants To Know But Is Afraid To Ask!

Tuesday, September 20 11:50 - 1:00 pm
Thursday, September 21 7:00 - 8:30 pm

Little Dining Room

Introduction to Lakehead University

- services
- academic regulations
- Who do I talk to?

Concerns regarding study skills, exams, essays, etc.

Choice of career/program

Balancing academics and home

Coffee and Donuts



Can I really do this?

Martin Greenwood:

Career in anthropology had an unusual beginning

Story and photo by Maureen Henley

"We climbed out the window and ran to the museum where the other lecture was. It was the most fascinating thing and it seemed exotic."



Martin Greenwood started at Lakehead in 1968.

"You don't really leave a university community."

There is a Chinese curse that goes "may your life be interesting." Martin Greenwood's life has certainly been interesting.

"That's not necessarily good or bad," he said. "There is always something to catch your attention."

Greenwood, an anthropology professor, will officially retire in December.

"I came here in '67," he said. "At that time there were only one and one-half people in the department of anthropology; I was the second person."

He shakes his head when he talks about how much the campus has changed over the years. "When I came, the place was quite small. This building (Nursing Building) wasn't built and the Centennial Building was just being built," Greenwood said.

In the early years of Lakehead, student enrolment seemed to be growing every year with no end in sight. In time however, enrolment dropped and finally levelled off, he said.

The physical makeup of the campus is not the only change. "Over the last few years there has been a real sense of community," he said. "That's the kind of thing that sustains a place like this." He credits Lakehead president Bob Rosehart with helping create that sense of community. Greenwood said new customs such as giving 20-year pins helps add meaning to being here.

Along with teaching on campus, Greenwood was involved in off-campus classes. He has a collection of stories about long train rides, bumpy plane rides and colorful travelling companions. He said he learned about the real power of teaching one year when some members of a class underwent changes in philosophy and occupations during the course of the program.

"I could have felt great about influencing people," he said. "But teaching is a great responsibility." Greenwood said at that point he realized just how much power an instructor can wield.

Speaking about off-campus classes, he reflected that some students take courses which could help them at work, resulting in better pay. "That's quite le-

gitimate," he said of that reason for taking classes. "But there are others who are intellectually starved. They crave real conversations."

Since the early years, Lakehead has settled into a level of sophistication. "The burrs have been combed out of the fur," he said. In fact, the University has been so conservative that Greenwood was "flabbergasted when so many turned out for the (faculty) strike."

Although Greenwood will be retiring in a few months, he will be far from inactive. "I'll paint and do some writing," he said. Greenwood is a student majoring in Fine Arts (Hons). He chuckles when he talks of the irony of being a teacher and a student at the same time.

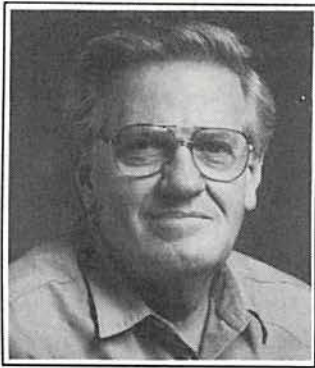
Greenwood believes many young people are in too much of a rush to get a degree; they do so without considering whether they are actually taking the best courses for them. He uses himself as an example. "I became an anthropology major quite by accident," he said. His original goal was to go into journalism or a similar writing field.

"I was listening to a lecture on sociology; it was the most boring thing I had ever heard," he said. During the lecture a friend suggested going to an anthropology class which was supposed to be more lively. "Well, there was a window right next to us and we climbed out the window and ran to the museum where the other lecture was. It was the most fascinating thing and it seemed so exotic." Greenwood's affair with anthropology had begun.

"I'm a great believer in windows (for students)," he said. "Any program that locks students in is very uncertain of itself."

He is not concerned about leaving the University. "You don't really leave a university community," he said. "Well, you do but only in the sense that you don't hang around as much."

Asked if there is anything he will miss, Greenwood said "I'll miss the few students who are bright and ask (challenging) questions."



Forum

By
Dr. Don Carpenter

PARADIGMS AND PARENTHESIS

Visionary writers such as Alvin Toffler and John Naisbitt tell us that the developed countries of the world are rapidly evolving into a new era in which human experience will be quite different in many respects. In his book, "The Third Wave", Toffler - says that we are now in the last throws of the industrial age and moving rapidly into "the third wave" - the first and second waves having been the agricultural and industrial ages.

In the transition period between historical ages, according to Toffler, society is subjected to great stress and strain which results in problems of family deterioration, crime and violence, ecological degradation, economic chaos, etc. Naisbitt, in "Megatrends", refers to the transition period as "a time of parenthesis" in which we are "bracketed off" from the past where we have been, and the future where we are going. In a time of parenthesis, however, some people try desperately to hang on to the past while others position themselves on the leading edge of the changing social order. One tendency of the hangers-on is their persistence in the use of problem solutions which no longer work.

In so doing, they commit a most basic human mistake - that of not realizing they are trying to fit old solutions to new problems. Toffler gives us the example of those who are going through frantic motions trying to resurrect the smoke-stack industries of the old industrial order. The problem, however, is not how to bring back these economically unsupportable heavy manufacturing industries and the jobs they once provided, but how to best replace them and get people who once made their livings in these industries into other kinds of productive and satisfying work based on the new technologies now being developed at almost lightening-speed as a characteristic of the coming third wave.

One reason why some individuals, and entire societal institutions as well, may hang on to old solutions even in the face of overwhelming evidence that they don't work any more is that successful adaptation to a new age requires the development of a basically different view of the world i.e. the adoption of a new "paradigm". A paradigm is a broad frame of reference or way of perceiving and thinking about the world. Those who continue to clutch the old unworkable solutions do so because they have been unable to develop "new paradigm thinking". But this isn't surprising since the still pre-

dominate world-view, which has been around for a few hundred years, is basically a Cartesian Newtonian paradigm in which the world and its workings are thought to be most like a machine made up of various parts. In this mechanistic view, when something goes wrong we try to fix the part where the trouble seems to be located and leave the other parts alone on the assumption that the parts don't really have that much to do with each other in terms of how good any given part is. For example, if we get concerned enough about the problems of poor people we mount a "war on poverty" which usually targets the victims of poverty but doesn't result in significant changes in our society's economic system or social arrangements which produce the preconditions of poverty in the first place. Poverty is one part of the world-machine and the economy and social order are other parts. The way we deal with mental illness is another example of old paradigm thinking. During times when we become sufficiently bothered about mentally ill people we devise various "new and innovative" programs for the mentally ill, most of which also focus on the victims, but we persist with the conflicting values and contradictory expectations built into the fabric of society which play a strong contributory role in many kinds of mental illness.

In contrast to the mechanistic world-view of the industrial age, new paradigm thinking tends to utilize an organismic (life) metaphor. It represents an ecological understanding of the world, its problems and potential for progress. It assumes significant interrelationships between things like poverty and the economic system, mental illness and social disorganization. New paradigm thinking points to problem solutions which require as much or more repair work on relationships between things as on the things themselves.

In future issues of the "Agora" this column will explore some of our problems of "the parenthesis" in relation to new paradigm thinking now being articulated in various academic disciplines, the professions and other quarters. However, since part of what's involved in successfully moving into a new age is the formulation of new questions to ask, the column will most likely come up with as many questions as answers. But then, I once saw a bumper sticker which read "To Question Is The Answer."

Campus Calendar

To include your Department's event or activity in the Campus Calendar, please call Flo Sherren at 8300 or mail your information to SN1002. **Deadline for the October Agora is September 15, 1989.**

September

MONDAY, 11

FORESTRY SEMINAR SERIES

Speaker: Mr. Jack Flowers, Retired Forester.
Topic: "CUSO's Activities in Rural Forestry with Specific Reference to Northern Ghana"
Braun Building 1021
1:00 - 2:20 pm Public invited

FREE CORNWALL CONCERTS

Brandon University Trio
Music Recital Hall
12:30 pm Cornwall School

TUESDAY, 12

LUSU MOVIES

Rocky Horror
8:00 p.m. Main Cafeteria
Students \$2.00 Others \$2.50

FRIDAY, 15

Pow-Wow

Sponsored by Lakehead Native Community Agora

SUNDAY, 17

LUSU MOVIES

Cocktail
RB 1042 8 pm
Students \$2.00 Others \$2.50

MONDAY, 18

President's Silver Jubilee BBQ

Lake Tamblyn 5:00 pm
All students welcome

TUESDAY, 19

LUSU Silver Jubilee Party #1

Agora
11:30 - 1:30 pm

FOREIGN TELEVISION NEWS

Mexico, Madrid, Warsaw, Tokyo, London, Moscow, Rome, Jerusalem, Teheran, Paris.

BB2011
9 AM - 5 PM

SATURDAY, 23 & SUNDAY, 24

LUSU MOVIES

Twins
RB 1042 8 pm
Students \$2.00 Others \$2.50

MONDAY, 25

FREE PUBLIC LECTURE

Department of English Silver Jubilee Lecture Series
Speaker: Professor John Futhey
Topic: "The foll, the rise, the carol, the creation: A Celebration of Gerard Manley Hopkins, 1844-1889"
Ryan Building 1022 7:30 pm

FORESTRY SEMINAR SERIES

Speaker: Dr. Sten Nilsson, Professor, Swedish University of Agricultural Sciences, Garpenberg.
Braun Building 1021 1:00 - 2:20pm
Public invited

THURSDAY, 28

Board of Governors Meeting

3:00 pm Senate Chambers
Board of Governors' Annual Dinner
Faculty Lounge

SATURDAY, 30

Silver Jubilee Exhibition Rugby Game

LU versus University of North Dakota
Women's Game at 2:30 pm
Men's Game at 4:00 pm
C.J. Sanders Field House

SATURDAY, 30 & SUNDAY, OCTOBER 1

LUSU Movies

Tequila Sunrise
RB 1042 8 pm
Students \$2.00 Others \$2.50

THE CHANCELLOR PATERSON LIBRARY HOURS

REGULAR HOURS RESUME
MONDAY, SEPTEMBER 11, 1989

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

October

FREE CORNWALL CONCERTS

Jeff Gibson (french horn)
Colleen Gibson (oboe)
Heather Morrison (piano)
Music Recital Hall 12:30 pm
Cornwall School

FRIDAY, 6 & SATURDAY, 7

Women's Nor'Wester Thanksgiving Invitational Volleyball Tournament

Northland College, Carleton University, Vermillion College, Concordia College and University of Wisconsin, Superior
C.J. Sanders Field House

Contemporary Cups

September 8 - October 8

Thunder Bay Art Gallery

Thunder Bay National Exhibition Centre and Centre for Indian Art



Agora

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celebrating our Silver Jubilee



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