

Inside:

- 3 Political dust settles
- 7 Another book for Petrone
- 8/9 Friendly faces then and now
- 10/11 Feature - TEACHERS
- 12 Who's new?
- 14/15 Research news

Lakehead University Agora

THUNDER BAY, ONTARIO

VOL. 6 NO. 1 JANUARY 1989

Rob Foster awarded prestigious Rhodes Scholarship



A 23-year-old, fourth year biology student from Lakehead University is one of only eleven Canadians selected to receive a Rhodes Scholarship. Rob Foster will pursue graduate studies in zoology for two years at Oxford University. Foster is a keen environmentalist, all-round athlete and active community volunteer.

Two winners are selected annually from each of Ontario, Quebec, the Maritime provinces, three from the Prairie provinces and one each from Newfoundland and British Columbia. Rob was selected from 48 Ontario applicants.

In the photograph to the left, Rob receives congratulations from the Honourable Lyn McLeod. In the background are Eric Wilson, Chairman of the Alumni Board, and proud mother, Joan Foster.

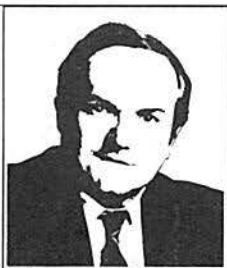
In the summer of 1988, Foster went to Africa to attend a World University Services Seminar. He says he's determined to get back to Africa (see story page 4) and this is a man who fulfils his dreams.

Soviets sign agreements with Lakehead

Lakehead University entered into a five-year agreement with three universities in Northern regions of the USSR late last year. A four member delegation from the Soviet Union visited Lakehead to work out an agreement to foster understanding between Canada and the USSR. To this end, there may be student and/or faculty exchanges, joint workshops and information exchanges. The four-man Soviet delegation spent one day touring the University's facilities. The photo (left) shows the signing of the agreements. Left to right are Evgeny I. Kazantsev, First Deputy Minister of Higher and Secondary Specialized Education of RSFSR; LU President Bob Rosehart; Geoffrey Weller, Vice-president (academic); Alexei E. Grishchenko, Rector of Syktyvkar University; Yuri A. Zakharov, Rector of Kemerovo University; and Alexei I. Ivandaev, Rector of Tyumen University.



Report From the President



Dr. Bob Rosehart

Focus on Campus

Nick Shevchenko played a very important role as translator-diplomat during the recent visit of three university presidents and the Deputy Minister of Advanced Education at the northern-most republic of the U.S.S.R. Since the visit, three Lakehead University students have come forward who are interested in spending an academic year in the U.S.S.R.

Government Funding Announcement

M.C.U. Minister McLeod recently announced the increases in transfer payments to the universities for the next fiscal year. The 7.5% increase includes a basic 4% increase plus several targeted funds, the largest of which is the accessibility fund. Lakehead should do well this year from the accessibility fund, and we will move from the 97.2% level to approximately 98.5% of our funding corridor (range 97-103%). The government did not state its intention with respect to the future funding of students taken into first-year under the accessibility fund (flow-through funding to use own jargon). The flow-through funding issue will be important to Lakehead University in the 90/91 budget process.

C.O.U. has condemned the government's funding level.

In an unrelated event, Dr. Paul Fox has resigned as Chairman of O.C.U.A. and has been replaced on an interim basis by Professor V. Nelles of York University. Professor Nelles has an interest in Swedish universities and has followed Lakehead's recent initiatives with respect to Northern Studies.

For students, the M.C.U. announcement is a good news/bad news scenario. The good news is that tuition fees were not deregulated - the bad news is that the 7 1/2 per cent increase for next year is a signal from government to place some further emphasis on user pay.

Capital Request

Within the next few weeks, the Ministry of Colleges and Universities will make their capital allocations known for the 1989/90 year. Lakehead University really needs the classroom building proposed, and I would encourage you to lobby on our behalf. The Ryan Building is not only overloaded, but its size and shape of rooms make it a "pain". Lakehead University has not had a new academic space project funded for 18 years. It's time!

Centre for Northern Studies

The Northern Studies Committee continues to oversee this initiative and recommendations will be going forward soon with respect to the six academic appointments. It is not too late for your department to get involved. If interested, please get in touch with Vice-President Weller. It is interesting to see how creative some departments are in the identification of their northern themes.

Search Committee for Director of Graduate Studies and Research

The above group has been formed as follows:

Chairman - Geoffrey R. Weller, Vice-President (Academic)

Deans - Dr. J. H. M. Whitfield, Dean, Faculty of Arts and Science, Dr. D. Common, Dean, Faculty of Professional Studies
Graduate Students' Association - Ms. Julia Walsh

Senate Research Committee

Dr. J. Crossman

Dr. S. A. Mirza

Dr. J. E. Molto

Senate Graduate Studies Committee

Dr. A. Bowd

Dr. W. Momot

Dr. N. Weir

Your input (suggestions/nominations, etc) would be appreciated.

Rhodes Scholarship - Robert Foster, L.U.'89

Elsewhere in this issue, you will read more about Lakehead University's first Rhodes Scholarship winner, Rob Foster, a year 4 Biology student. All of Thunder Bay should feel a sense of pride in Rob's accomplishments, with particular recognition due to his family, P.A.C.I. and L.U.

Now that 1988 has brought a Rhodes Scholarship, I wonder if out there somewhere in the research bowels of the University is a potential Nobel Prize for 1989!

Children's Christmas Party

Congratulations to the organizers and helpers for this year's second annual event. Over 180 children participated and "Santa" was very impressive.

The Year Ahead - 1989

Lakehead University enters the beginning of its Silver Jubilee Year with the confidence that has been achieved by the Lakehead University community during its first 25 years. This bodes well for the future.



Nick Shevchenko (third from the left) was a very busy man during the recent visit of Soviet dignitaries. He is shown above in one of the chemical engineering laboratories with the Soviet guests and Professor A. F. Gilbert (right).

At last! Another access road

A new access road to Lakehead University has been officially opened. The road runs off Balmoral as an extension of Beverly Street.

Art Davies, Director of Campus Development, said three main factors contributed to the construction of the road, which cost the University \$150,000. First, LU has had a steady increase in student enrolment in the last few years. The congestion problem is related to staff working hours coinciding with peak class schedules. Staff work 8:30 a.m. to 4:30 p.m.; classes begin at 8:30 a.m. Monday to Friday. Another heavy congestion period occurs late afternoon with part-time stu-

dents arriving for classes just as staff are finishing for the day. The final issue is related to city engineers rejecting the placement of traffic lights at the main entrance off Oliver Road. A decision last spring stated the traffic flow did not warrant lights.

The Parkway is primarily for students, staff, faculty and service vehicles. The new access road has three speed bumps and directs traffic into the east end parking lots. People needing parking permits should enter via Oliver Road, where they can obtain parking stickers at the Kiosk.

220 new grads

The Office of the Registrar has announced that 220 graduates of Lakehead University were confirmed at Senate on November 23, 1988. The number of students graduating in the Fall has increased by 20% over the last few years. In the Faculty of Arts and Science there were 114 undergraduate degrees awarded and 99 students graduated from programs in the Faculty of Professional Studies. There were also 17 masters degrees awarded. There is no official ceremony for fall graduates, however, they can receive their degrees at the Spring Convocation to be held on Saturday, May 27, 1989.

Political friends - the Lakehead connection

The campaign trail for the recent federal election brought candidates to Lakehead University for a debate sponsored by LUSU. Candidates from the Thunder Bay-Nipigon riding, shown in the photograph from right to left: Fred Stille (PC), Joe Comuzzi (Lib.) and incumbent Ernie Epp (NDP), a history professor at LU. Ian Middleton, (standing) the arts representative to the LUSU board of directors, was the moderator.

The election saw Epp defeated by Comuzzi by a margin of 2,345 votes. Epp returned to teaching in the history department at the beginning of this term.

The riding of Thunder Bay-Atikokan remained in the hands of NDP Iain Angus. Stan Dromisky, professor emeritus, made a strong showing for the Liberals losing to Angus by only 1,152 votes. Former alderman Ken Boshcoff, who ran for the Progressive Conservatives, was about 500 votes behind Dromisky.

In the municipal election, Tony Cappello, scheduling and examination officer, returned to his seat as a trustee on the Lakehead District Catholic School Board.

Pamela Christie, a second-year political studies student ran unsuccessfully for a seat on the Lakehead Board of Education. She is the daughter of David Christie, assistant director of finance.

Former student David Rawlings challenged Alderman Betty Kennedy for the McKellar ward and lost. In Current River Helmut Scheffler, a recent business graduate was unsuccessful in his bid to become alderman.

The back-to-back elections provided opportunities for the politically active to get involved with different levels of government - we salute you one and all!



Good news and bad news: More \$\$ but tuition fees up

The Ontario government announced last month that funding for colleges and universities would rise by 7.5 per cent, or \$116.2 million. However, tuition would also increase by 7.5 per cent.

Lyn McLeod, Minister of Colleges and Universities, said in her new release, that the money would go to such areas as accessibility funding and French-language and bilingual programs.

President Bob Rosehart said that although funding was said to be 7.5 per cent "the real increase in terms of ongoing income (core funding) will probably be closer to four per cent." That amount is less than the rate of inflation.

Part of the increase relates to accessibility funding or enrolment growth. "Because of the enrolment growth, Lakehead University should get more than four per cent," Rosehart said. He cautioned that the government has not made any commitments over accessibility funding in the future. Full funding details will not be available until March.

As for tuition, the only good news is that the idea of deregulation appears to have been abandoned, Rosehart said. "However, increasing tuition by a rate of 7.5 per cent is higher than I would have expected."

Experience in third world changes LU's WUSC participant

In June and July of 1988, Rob Foster, a biology student from Lakehead University, attended an intensive 6-week program in Mali in northwestern Africa with 30 other Canadian students. As the first LU participant he felt compelled to share his experience and encourage students and professors to apply for the 1989 International seminar in the Leeward and Windward Islands in the Caribbean. Applications and further information are available from Rob Foster c/o the Biology Department or from Margaret Page c/o the School of Nursing. WUSC is the World University Service of Canada, a non-profit, non-governmental organization which involves Canadians in international development in Canada and overseas.

by Rob Foster

When I was just a tiny child I read in a book by Dr. Seuss about a city called Timbuktu. It seemed very far away, even mythical. Well, this summer myth became reality and Timbuktu was at my doorstep. As one of thirty participants on the World University Service of Canada Seminar to Mali I went to the land I dreamed of and it surely wasn't child's play.

I was there to study desertification but my education reached far beyond that. What I learned in six weeks of living I wouldn't be able to match with a lifetime of reading articles and watching television broadcasts. Over there you hear it, you taste it, you smell it and you see it. It's overwhelming. It's a world of contrasts: a \$300 a night Sofitel hotel surrounded by mud houses and open sewers. A president whose motorcade drives through the capital at 120 km/hr through cordoned-off streets. Bamako, the capital, is a city of 500,000 people and one non-functional traffic light. It is a country where the official language is French but 90% of the people are illiterate. There are sights that no one wants to see but everyone should see. There was a man, who because of a genetic malformation of his kneecaps, was reduced to crawling all his life. In North America there would be some sort of social assistance. In Mali there is not. The "have" countries spend millions of dollars to mow the lawn between freeways; in Mali the civil servants haven't been paid in three months.

I was forced to re-evaluate what really counts in life. Is it that second car and the VCR? Or is it having enough food to eat today? The haves versus the have nots. What if I had been unlucky enough to have been born in Mali, where I would have to wash my clothes in a river where someone is urinating ten feet upstream and where toilet paper is a luxury no one can afford. Where I might lose my best friend to starvation. And what if I had been born a girl, to be "circumcised" at age 14, perhaps to be married off at the same age against my will. To rise with the sun in the morning to search for firewood and fetch water before preparing breakfast, off to the fields to hoe all day long in the 55 degree C heat before returning to prepare supper and take care of my 7 kids. And wondering why at age 25, I look like a grandmother.

It made me grateful for what I have: more than 1 pair of pants, a home larger than a 10 by 10 hut, a balanced diet and clean water, an education - a future. Everything I take for granted. We take for granted. And what do we do to help those in Mali or, for that matter, for a third of humanity who live in comparable conditions? We export our occidental consumerism. We export Michael Jackson. We ex-



Rob Foster purchased two blankets from a street vendor in Mopti. Bartering is a way of life. Foster had vendors try to sell everything from mangoes to live sheep and dried monkey heads which are for chasing away evil spirits to Michael Jackson cassettes. Another thing that surprised the WUSC delegate was the fact that some of his belongings were also up for trade, especially shoes and t-shirts.

port Christianity to an Islamic country. And what about our Christian conduct? We give when its convenient if we don't have to make a sacrifice.

I found, too, that there is much to learn from Malians. Although living in inhuman conditions the people are in someways more humanistic than we are. They know the meaning of the word generosity. I would be offered food in a village where obviously there was none to give. I would be invited to join communal one pot lunches in the fields with farmers. They were quick to smile, to laugh and to celebrate where there is little to celebrate. And the cities are alive. Not the impersonal skeletons that we live in where people move about like little automatons as if they are enclosed in little capsules. In Mali you know you're not alone. People greet you, shake your hand, talk to you.

Both societies can learn a lot from each other. Help each other. But we need contact. The WUSC seminar provided such a vehicle. Working with volunteers already active in the country, we could explore the possible avenues of aid. I was fortunate. Not only did I have my horizons expanded but I also enjoyed myself immensely. In spite of the flies crawling in my nose and ears, in spite of the open sewers and filth, in spite of all the quotidian horrors that one must overcome, I would go

back. I am going back. And anyone who has the luck to participate on such a seminar will agree. Its the experience of a lifetime. So powerful, so intense, it may change your life. If you can, seize the opportunity.

.....

Recognition of Teaching

Recommendation 7.5 of the Academic Plan reads that "awards (additional to the Distinguished Teaching Award) with a monetary or non-monetary component should be developed by the Senate Committee on Teaching to encourage high levels of teaching performance." The Senate Committee on Teaching established a process for selection and recommended to Vice President (Academic) Geoff Weller that the following persons be recognized for their contribution to teaching in the academic year 1987/88.

Faculty of Arts and Science

Professors P. Vervoort, P. Barclay, K. Allan, D. Parsons, S. Naimpally, D. Aurandt, Professor E. R. Freitag, S. Goldstein, C. Southcott, I. Hoodless

Faculty of Professional Studies

Professors S. Petrone, I. Nirdosh, S. A. Mirza, R. Farmer, M. MacLean, J. Smithers, D. Klassen, B. Singh, E. Setliff, K. C. Yang, G. Knutson, M. Bouffard

New Chairman of Board of Governors appointed

Lakehead University announced the appointment of Dr. James Thompson Colquhoun as Chairman of the Board of Governors of Lakehead University effective July 1988. Dr. Colquhoun has served on the Board of Governors at Lakehead University for the last eight years. Although born in Windsor, he was raised in Port Arthur where he has had a family practice at the Port Arthur Clinic since 1953. Dr. Colquhoun has served as Secretary and President of the Thunder Bay Medical Society; he was on the Board of Directors of the Ontario Medical Association,

including four years on the executive and one year as President and four years on the Board of Directors of the Canadian Medical Association. Dr. Colquhoun has served as divisional surgeon of St. John Ambulance Brigade; was President of the Medical Staff of St. Joseph's Hospital and Director of the Lakehead Mental Health Association; Director of the Lakehead Social Planning Council; and was a Director of the Thunder Bay District Health Council. He has also been Director of the Port Arthur Clinic and a member of the Advisory Committee to the Resource Centre for Occupational Health and Safety.



Dr. James T. Colquhoun

"We get by with a little help from our friends"

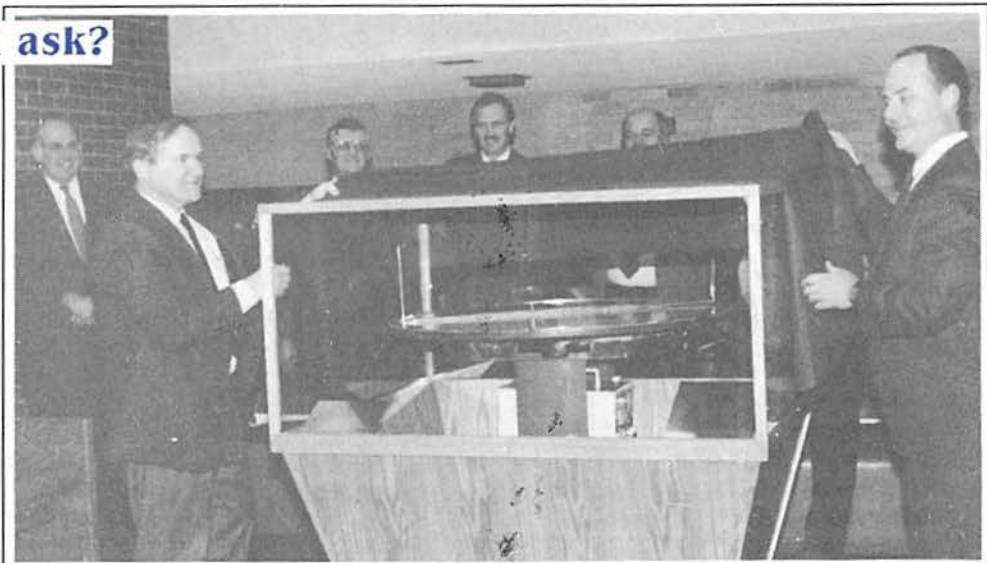


Dr. J. M. Richardson of the English Department, and Anne Deighton, head of collections development at the library, ponder the state of the world and a portion of LU's periodical collection in the priceless photo to the left.

"Over the past few years, the English Department has become increasingly concerned about the deleterious effects that chronic underfunding of the province's university system has on Lakehead's ability to maintain a library with sufficient holdings to permit high-level research by both students and faculty," Richardson said. "Particularly distressing is the fact that the library not only cannot substantially increase its periodical subscriptions, but must even cancel subscriptions because of budgetary constraints. As one small measure to minimize this damage, full-time members of the English Department have volunteered to subscribe to a journal, using monies from their Professional Allowance, and to donate this journal to the library. Journals being donated include 'Children's Literature Annual', 'Critical Quarterly', 'Prairie Fire', 'Raritan', and 'Spenser Newsletter'."

What's an 'alidade' you ask?

Dr. Bob Rosehart (left) and Jim Podd, assistant director of campus development, unveil a piece of rare equipment once used in forestry. The alidade was used in fire towers from the early 20s to the late 1970s, but is now a collector's item. The alidade was donated to the School of Forestry by the Ontario Ministry of Natural Resources in memory of G.D. "George" MacAdam, who dedicated his life to development and training in forest fire fighting strategies, tactics and techniques. MacAdam was also a well-known figure at Lakehead University. The alidade is on display in the forestry lounge in the Braun Building.



Visitors on campus

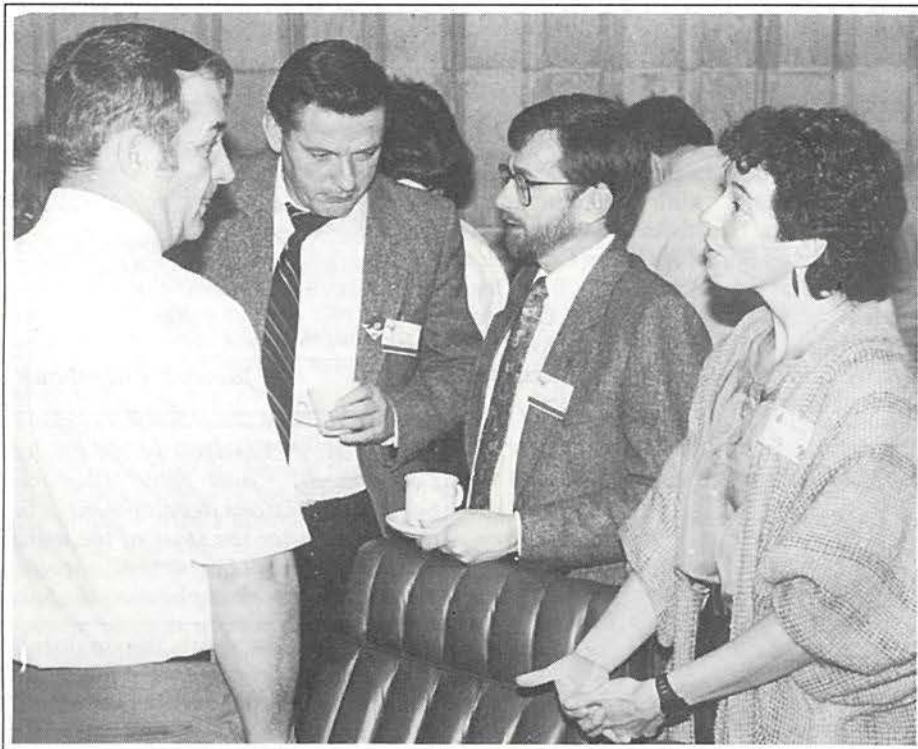


Photo left: Lakehead University was the sight of a seminar for guidance counsellors from Thunder Bay and across the Northwestern Ontario region. The seminar gave counsellors the opportunity to discuss new developments at Lakehead University. Information was exchanged during formal discussions as well as during informal talks during breaks. Shown in the photo are, left to right, Roger Hamilton (with back to camera), from Marathon; Bill LeMay from Nipigon-Red Rock; Gary Rhyno from Hammarckjold High School in Thunder Bay; and Linda Boivin of Lakehead University's Liaison department. Organizers were pleased with both the turnout and the response from participating counsellors.

Photo below: High school students from Atikokan toured the University campus and got a sneak preview of what varsity life is all about. Grade 12 and 13 students were given a general campus tour, including residence, cafeterias, lecture halls, labs and library. Specialized tours were also offered. Students who visited the School of Nursing received a "hands-on" experience with a life-like baby doll. Nursing professor Karen Poole was on hand to answer their questions.



← Who?

This is embarrassing. After several frantic calls to a certain engineering lab, bribes and envelopes passed in the dark - the Information Office has been unable to find out who is last month's mystery man. An unnamed informant insists it's Peter Levis. Please help us with this mystery.

This month's duo are well-known professors who did time:

- a) at a remote military base in the North?
- b) as instructors at an Arthur Murray Dance Studio?
- c) at a commune specializing in moustache growing (or removal - hint hint)?
- d) A Bill Melnyk look-a-like and Peter Pan?



Inuit literature focus of Petrone's new book

"Let joy be unrestrained!"

With those few words Penny Petrone, a professor in the School of Education, encouraged her friends and colleagues to join the celebration over her new book.

Northern Voices, a collection of Inuit literature, was officially launched last month. Petrone said the book took about five years to complete. The idea for the book came while doing her previous best-seller *First People, First Voices*.

While researching her first book, she came across Inuit work and was enraptured by what she found. "I began reading and realized I should be doing Canadian Inuit literature," she said. "But I told myself no. I had to finish what I was doing first."

Petrone described the Arctic as "remarkable, but terrible and terrifying, too." She said it is this landscape that helped to shape the way Inuit live, what they think, and how they feel.

"I hope that it (the book) will get people to recognize the value and worth of the Inuit," Petrone said. "They're human beings, just like us."

The book is aimed at the general reader rather than the scholar studying Native literature, she said. However the book would certainly be a valuable resource for such studies.

The availability of material in the area of Inuit literature is scarce and a great deal of research was required. Petrone



Penny Petrone of the School of Education, officially launched her new book last month. "Northern Voices" is expected to do as well as her first book, "First People, First Voices," which was well received internationally. Marie Ferguson from the Bookstore lends a hand during brisk sales.

visited museums and archives as far away as Cambridge, England, to find information for her book.

Petrone, who has been teaching for more than 45 years, said there is an educational value in the book. She expressed hope that the collection will help dispel some of the "obnoxious stereotypes" people have about the Inuit. "I hope they (readers) will see Arctic peoples as human beings rather than as stereotypes," she

said. "I hope people will see their humanity in all its variety."

Petrone feels a strong bond with the people in her book. "I've known them for so long, they've become friends and colleagues."

Northern Voices is published by the University of Toronto Press and is available in the Lakehead University Book Store and at Sweet Thursday Book Store.



Esko Mikkonen

parties. "This university is representative of Northern Canada," he said. "By the same token, there are universities in Finland that belong to the same category." He cites the importance of the forestry industry to both countries as a motivator for co-operation.

"I would like to see some sort of research co-operation in

Lakehead University-Finland exchange has begun

Lakehead University had a distinguished visitor last month in the form of a professor from Finland.

Esko Mikkonen, a professor at the University of Helsinki, arrived for a two-week stay at the forestry department, with Reino Pulkki as his host.

Mikkonen said the joint agreement will benefit both

particular problems that are common here and back in Finland," he said. He would like the effort to concentrate on the "application of technology to these problems." An exchange of information would be beneficial to both countries since forestry is vital to both Finland and Northwestern Ontario.

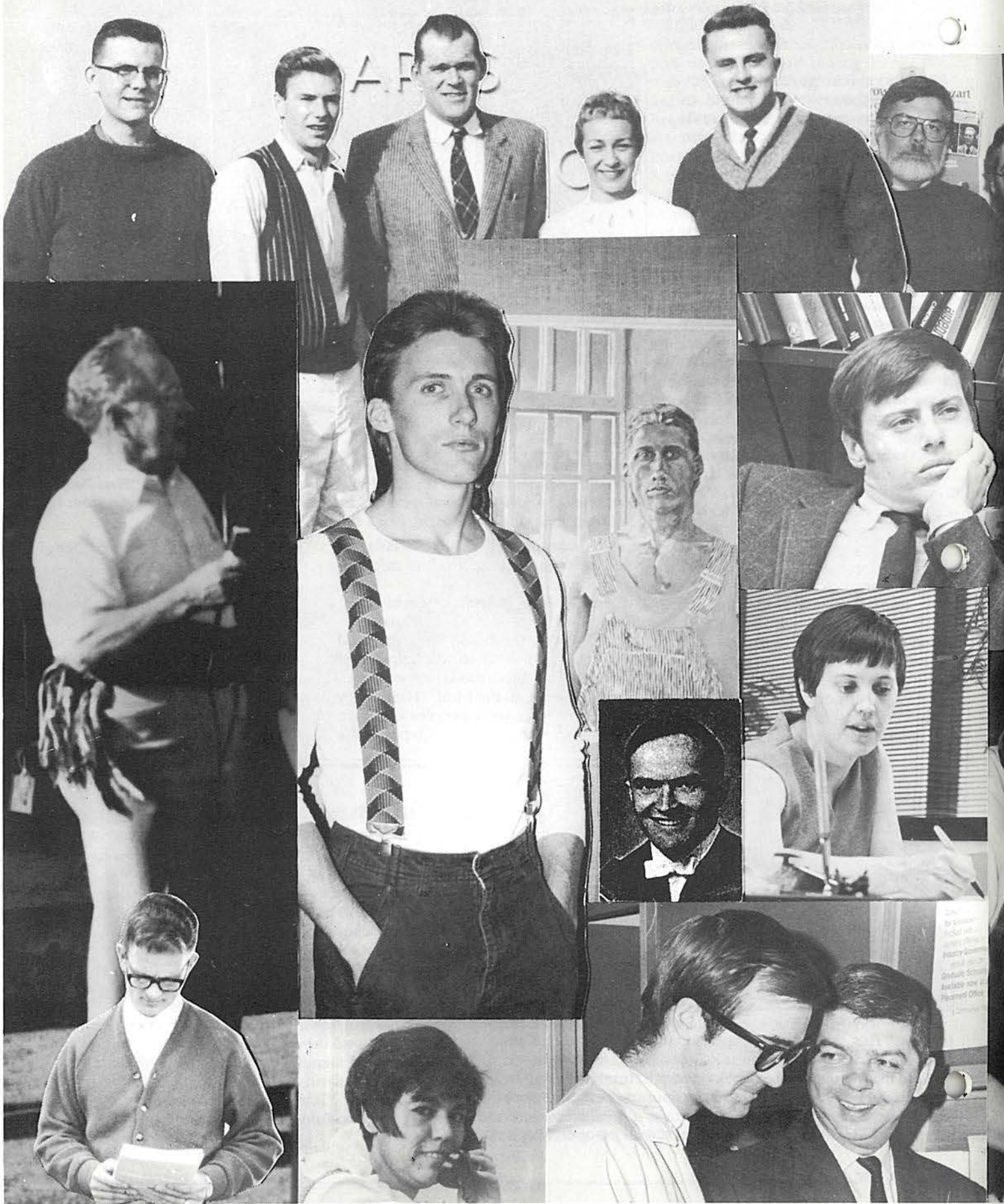
Mikkonen also suggested setting up a research exchange program or a student exchange for practical experience. Lakehead University is an ideal place for an exchange with Finland because of the large Finnish population in Thunder Bay, he said.

During his visit, Mikkonen addressed some forestry classes and ventured into the community.

He addressed members of the Finnish community at the Finlandia Hall, sharing information about Finland with the local community. "It is (bagging) two bucks with one shot," he said of his two-fold visit to Thunder Bay.

LAKEHEAD COLLEGE

1965





1990

LAKEHEAD UNIVER



Need for specialized teachers steadily increasing . . .

Education in Ontario is undergoing massive changes. Curriculum is coming under review, policies are being revised and staffing is of growing concern.

Jim Head, president of the 34,000-member Ontario Secondary School Teachers Federation alerted a provincial education committee to the worsening teacher shortage in Ontario. At a meeting last September, he said the federation expects a turnover of about 6,000 high school teachers between now and the year 2001. The full impact of the shortage will probably be felt by 1991.

Roderick McLeod, Dean of the School of Education, speculates a major increase in the number of available positions within high schools will occur within a year. "This next year (1989) marks the closing of the early retirement window," he said. "I anticipate a significant number of educators will take advantage of it without penalty to pensions."

Jim McCuaig, Director of Education with the Lakehead Board of Education, said that while there are some shortages now, they will increase in the 1990s. French teachers are needed because of the growth of French immersion. Other areas experiencing shortages are high school math and science, particularly at the senior levels and special education.

Retirements are a major contributor to the increasing need for teachers, McCuaig said. He referred to the government's retirement incentive plan and noted that "more (teachers) are retiring but there are fewer coming in."

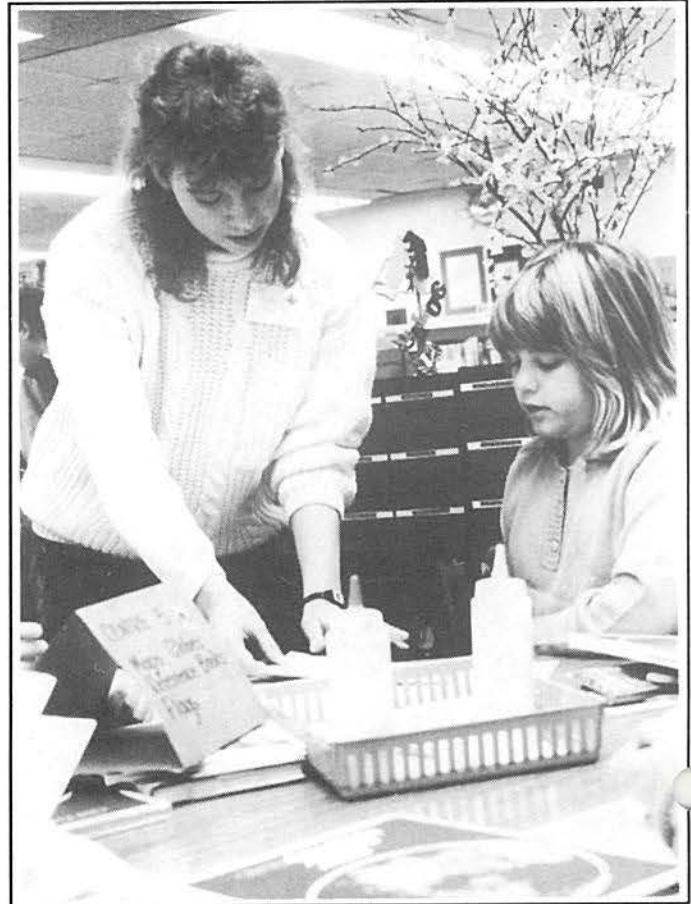
"There is still no general shortage in Thunder Bay," he said. "The shortage is in specialized areas." He sees the possibility of a general teacher shortage in the 1990s.

Another possible reason for an increased need for teachers at the secondary level is the expansion within the Catholic school system to include programs up to the Grade 12/OAC level, McLeod said.

At the provincial level, Premier David Peterson has promised to reduce the pupil/teacher ratio at the primary school level, thus creating more teaching positions.

Lakehead University offers two routes by which students can become teachers: the concurrent program and the consecutive

Story and photos by Maureen Martin



Wendy Warpula, in the third year of the concurrent program, worked with Grade 4 students at Sherbrooke School.

program. The concurrent program allows students to earn both a Bachelor of Education degree and an arts or science degree at the same time. The consecutive program is a one-year program offered after the student has completed a degree. "Both programs have more applicants than we can admit," McLeod said. He noted a trend whereby students wishing to teach at the primary/junior level embark on the concurrent program. Those who plan to teach at the senior level generally specialize and obtain an honours degree before entering the consecutive program.

Beginning September 1988, the School of Education created 100 new places in the consecutive program and made five term appointments to meet the program's growing needs.

There were more than 2,600 applications to the School of Education last fall, including first, second and third choices on the application form. "This translates into about 900 actual students," McLeod said. "We took in 264." The student breakdown is as follows: 112 students are studying in the primary/junior education area; 76 will specialize in junior/intermediate; and another 76 preferred the intermediate/senior level.

There are some in the general public who question the quality of teachers coming from the intensive consecutive program. McLeod said people must realize the process of

Are there any teaching jobs?

"There is an extreme market out there right now," says Keith Muncaster, student placement officer. "The greatest need for teachers is in southern Ontario and smaller northern Ontario communities. Jobs are not plentiful in Thunder Bay at the moment."

The population boom in southern Ontario has meant more schools are being opened. "There are eight or nine boards who are willing to hire by the hundreds,"

Muncaster said. For example, Durham Region will be opening four new schools this fall because of the population increase. (Photo shows Muncaster at job board with interested students.)



... Lakehead University grads meet growing needs

Becoming a teacher is part of a continuum. "Becoming a teacher does not start with entry into an education program," he said. "It starts well before that -- probably while still in high school -- and extends throughout their professional careers."

David Bates, Chairman of Pre-Service Teacher education, said criticism "reflects the whole society's views that educational learning is one of the most important things we can do for each other." He added that teaching is "a difficult task (since) a lot of people have their own idea of what proper teaching is."

In an effort to improve the training of teachers, the provincial government has conducted a three-year study of one-year teaching programs across the province. McLeod said it is possible that one-year programs may be combined with a period of apprenticeship.

Tradition and unique programs

At LU, Pre-Service Teacher Education acts as the bridge "from the academic world of being a student to the professional world of being teachers of students," Bates said.

Bates said a longer program is not necessarily a better program. "There is a limit to what can be done to prepare to be a teacher -- they have to get out and get experience," he said of the consecutive program.

Gaining practical experience is important in both the consecutive and concurrent programs. "All students are required by law to spend a minimum of 40 days of field placements in the classrooms," McLeod said. "We have required 42 days for all students."

The one-year programs have their roots in teachers' colleges, which were in existence for more than two decades. The concurrent program did not get underway until the early 70s. "There's a long tradition of one-year teacher education programs in Ontario," McLeod said. "That's quite different from Western provinces where four-year Bachelor of Education programs are their tradition."

Although the one-year program is very intensive, it could also be beneficial to students, Bates said. A person who works on a degree and then decides to go into education does not have to add four years to

his/her educational career. This allows more time to make that final decision.

Once entered in one of the two programs, students select courses designed to help them manage a classroom, understand children and effectively teach curriculum material. Courses include educational psychology, counselling, and curriculum and instruction in various subjects, such as mathematics and language arts.

Lakehead University has a program that may be unique in Ontario. The Native Teacher Education program is a four-year concurrent degree program that has grown out of the diploma program. The university is in the second year of that program. McLeod said there are about 25 students enrolled.

"Each student is of Native ancestry and is required to include in his or her

program a number of courses which focus on Native studies," he said. Although the students are qualified to teach anywhere, "the hope is they will return to their communities to be role models for the children."

Students entering the work force will often find they must deal with topics not covered during training. For example, it is only in the last year or two that teachers have been asked to include AIDS education as part of the curriculum.

Bates is confident in the ability of graduates to handle these situations. "These demands come and go," he said.

"If they've got basic intelligence and know how to use it, they can continue to learn (and adapt)."

What makes a good teacher?

In an article published in the November 1988 edition of *University Affairs*, Kenneth Eble, an English professor at the University of Utah, decried the inability of professionals to define what makes a good teacher. He suggested that there are basically "three major dimensions: a command of subject matter, a concern for students and mastery of some skills basic to one's own and another's learning."

Commenting on the qualities of good teachers, Bates expressed confidence the courses at the School of Education go a long way to produce first-rate teachers.

Graduates from the program have found work around the world. McLeod said "a number (of graduates) are in southern Ontario and a few are in Thunder Bay. Some have gone to Native communities and there are even a few overseas."

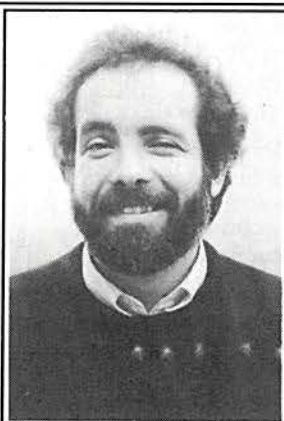
The increasing need for specialized teachers means some difficulties for school boards, but it is a blessing for graduates seeking employment.

Third-year student Wendy Warpula said she enjoyed her time working at Sherbrooke School because she enjoys helping children to learn. Upon graduation, Warpula, like other graduates, will find that a large job market exists if she is willing to relocate.



Stephen Chase

Stephen Chase considers Lakehead University to be a home away from home. A bright, cheery face in the School of Education, Chase is involved in the Pre-Service Teacher Education program. Aside from work, he is connected to the university through his wife, who is an LU graduate. "This is like a second home to us," he said. Chase has done some teaching in the Sandy Lake area with Indian Affairs -- something he hopes to do again in the future. The North came as a revelation to Chase, who had been living in St. Catharines, Ont. At some point in the future Chase would like to "go and do a doctorate, specializing in curriculum theory." At the moment, Chase is an expectant father.



Marta Blenkarn



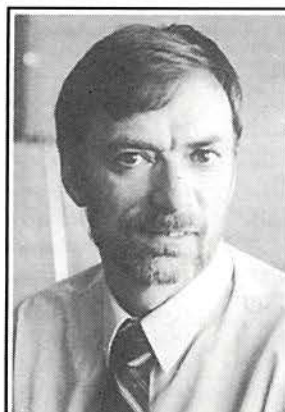
Marta Blenkarn, has travelled south to Lakehead University after spending some time in the Northwest Territories. She is in charge of French Pre-Service Teacher Education. In the Territories she helped to develop the French program at the elementary level. "I have taught in many settings," she said of her 19 years in teaching. "As a language teacher it is an achievement to successfully teach in a number of countries." She has taught kindergarten to university level courses. Originally from Colombia, where she was involved in French teacher education, she earned a degree in French and did graduate level studies in Canada and the United States.

Sandi Covino

Sandi Covino, the new nurse in the Health Centre, has already put in six months at the University. She not only works here, she works part time at McKellar Hospital -- "But I prefer being here," she said. Sandi enjoys travelling and meeting new people. She lived in England for a while and "we hopped over to France" for a visit. Comparing Canada and England, she said, "We're very fast-paced here. It's slower in England." Thinking about what she would do if offered the chance to do whatever she wanted, Sandi said "For me the ideal way to spend your life would be to meet people and get to know them better."



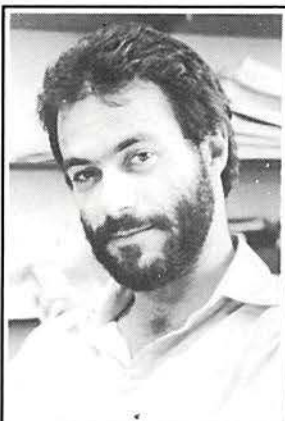
Jim Haines



Jim Haines is one of several new faces in the School of Education. Ten years ago Haines worked with the Lakehead Board of Education and even taught at Hillcrest High School. Here at the University he is an assistant professor in Educational Psychology. Although born and raised in Ontario, his university career took place in the United States, ending with a PhD from Kansas State University. Outside of university, Haines is very active. "I try to remain physically fit," he said. "My family and I have made extensive use of the athletic facilities at the University." In the future, he hopes to complete some research projects and publications.

Laird Van Damme

Laird Van Damme, an LU graduate, returned to the university this year as an instructor. Van Damme received his BSc in Forestry in 1982 and his Masters degree three years later. He joined KBM Forestry Consultants Inc. in 1984. There was no awkwardness returning as an instructor since he maintained a "good liaison" with the faculty while doing graduate work and consulting with KBM. "It's almost like I never left the place in some respects," Van Damme said. His experiences in the work world have given him a collection of anecdotes to illustrate the classes being taught. Van Damme is filling in for Bob Day, who is on sabbatical in Australia.



Rita Irwin



Rita Irwin joined the School of Education in August and has made herself right at home. Her main involvement is in the area of art education. Rita enjoys travel and taught one summer in Africa through Project Overseas, which sends teachers to Third World countries. "It was a pretty powerful experience for me," she said. Rita is involved in different levels of art education. "I seem to be pretty involved provincially in art education," she said, "and to a certain extent nationally." She wants to "get back into painting and doing my own art" at some point in the future. At the moment, however, teaching at LU is keeping her very busy.



Papers / Publications & Special Projects

Dr. I. Nirdosh, Professor of Chemical Engineering has been awarded the following two Canadian patents:

1. "Processes for Extraction of Uranium and Radium from Uranium Containing Ores Using Ferric Nitrate", Canadian Patent #1 241 544. This patent was awarded on September 6 1988.

2. "Processes for Extracting Radium from Uranium Mill Tailings", Canadian Patent #1 241 543. This patent was also awarded on September 6, 1988. Drs. S. V. Muthuswami of Lakehead University and M.H.I. Baird of McMaster University are the co-inventors.

Dr. I. Nirdosh has published a paper entitled "Removal of Small Amounts of Sulphate Ions from Chloride Uranium-Bearing Solutions Using an Anion-Exchange Resin". The paper is published in the journal *Uranium* Vol. 4 (pp. 395-409). The co-authors, Messrs. A. Sirignano, C. R. Johnson and S. Lakhani, have worked with Dr. Nirdosh for their undergraduate degree projects.

Dr. Peter Crocker, Assistant Professor, School of Physical Education and Athletics, recently published "Cognitive-affective stress management training with high perform-

ance youth volleyball players: Effects on affect, cognition, and performance" in the "Journal of Sport and Exercise Psychology", 1988, Vol 10, 448-460. He also published a paper entitled, "A coping skills approach to emotion-control training for athletes" in F.A. Carre (Ed), ICHPER/CAHPHER World Conference: Towards the 21st Century. University of British Columbia Press, 1988.

David A. Nock, Professor of Sociology, published his article "John Porter: the Unknown Functionalist" in *Société-Société* in Vol. 12, No. 3, October 1988, pp. 12-22.

Recent work by the Physics and Geology departments has lead to a paper being accepted for publication by the International Journal "Physics of the Earth and Planetary Interiors". In this work **Dr. Hawton** (Physics) and **Dr. Borradaile** (Geology) have been able to show that the dielectric properties of slates vary with direction and that this relates to the ancient deformation history of these rocks. Further work is planned with experimentally deformed synthetic mineral aggregates to understand better the ways in which directionally controlled physical properties develop during movements in the Earth. This work has implications for stress studies of the earth and earthquake research.

Professor Geoffrey R. Weller, Vice-President (Academic) has recently published the following: "The Canadian Security Intelligence Service Under Stress", Canadian Public Administration, Vol. 31, No. 2, Summer 1988, pp. 279-302; "Universities, Politics and Development: The Case of Northern Ontario" in Fred Lazin, Samuel Aroni and Yehuda Gradus, *The Policy Impact of Universities in Developing Regions*, New York: MacMillan, 1988 pp. 210-222; "The Feasibility of Developing an Integrated Health Care Delivery System in the North: The Case of Northwestern Ontario" in David Young (ed), *Health Care Issues in the Canadian North*, Edmonton: Boreal Institute for Northern Studies, 1988, pp. 140-150. (with Dr. P. Manga); "The Politics of Health in the Circumpolar North" *Arctic Medical Research*, Vol. 46, No. 2, October 1987, pp. 52-63. (with Dr. P. Manga); "The Politics of Government Intervention in Higher Education: A Case for the North", in Cecily Watson (ed), *Readings in Canadian Higher Education*, Toronto: Ontario Institute for Studies in Education, 1988, pp. 140-150. (with Dr. R. G. Roschart)

Appointments

Professor Ron Nelson was reappointed to the position of Director of the School of Business Administration for a three year term,

Ask Dr. Weir

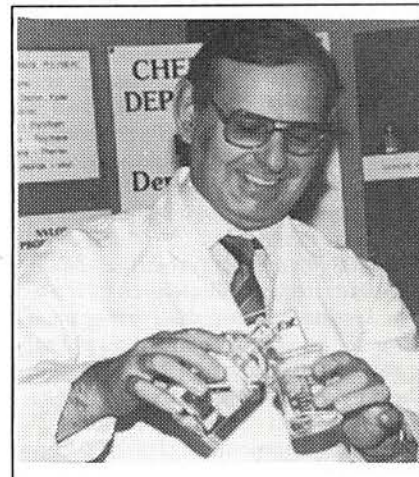
Q Why is it so difficult to repair broken plastic spectacle frames? And which adhesive would you recommend to effect a successful repair?

A Spectacle frames, made of plastics such as cellulose acetate, tend to break in places which are subjected to relatively high (and often cyclical) stresses. It is therefore essential that the two parts be firmly bonded to the adhesive; otherwise the failure is repeated.

The question now becomes: how do adhesives and glues work? The short answer is by secondary interactions, but let me explain how these occur. When carbon atoms are joined to others, like nitrogen and oxygen, electrical charge differences are built up across the bonds, the carbon becoming slightly more positive, and the oxygen and nitrogen becoming slightly more negative. (This arrangement is called a dipole). If two dipoles approach, such that the positive end of one is close to the negative end of the

other, an attractive force is set up. These so-called dipolar forces are one type of secondary interaction that operates between the molecules of the plastic and between the molecules in adhesives, such as epoxies. In addition there are weaker, attractive interactions, which are caused by fluctuating electrical charge differences. (These are called dispersion forces.)

The important point to remember is that both of these interactions are highly dependent on the distance between molecules; e.g. if the distance is halved, the dispersion force is reduced by a factor of 64! This fact leads to the most important requirement for an adhesive: there must be intimate molecular contact between it and the substrate, and in order to get this, the secondary forces operating between molecules in the substrate (the plastic) should be very similar in magnitude to these operating between the molecules in the adhesive. Any mismatch of these forces leads to a weaker bond between the adhesive and the substrate, and this eventually leads to an unsuccessful repair of your frames. Thus the choice of adhesive is critical. Other factors, such as trapped air



Dr. Neil Weir, Professor, Department of Chemistry

spaces, cracks and other defects inevitably form during adhesion, and these also contribute to the failure.

As to the best adhesives to use, I would recommend an "epoxy" or "loctite" or "crazy" glue, but sufficient time must be allowed for the adhesive to set.

(P.S. This question was posed by Dr. John Hart of Victoria, B.C. (Professor Emeritus, Physics) Sorry I can't be more optimistic John!)

Research News

FROM THE
OFFICE OF
GRADUATE
STUDIES AND
RESEARCH

Research Officer:



Trish
McGowan

NORTHERN STUDIES GRADUATE AWARDS

A new Graduate Awards competition has been developed by the Lakehead University Centre For Northern Studies. The Centre annually will provide up to \$50,000 in the form of stipend awards to full-time graduate students whose current or proposed research focuses on regional development or problems and issues of particular importance to northwestern Ontario or the broader Canadian and circumpolar north.

All research proposals with a northern orientation are eligible and will be considered. Examples of research relevant to regional development which have been described by the Centre are: program implementation in the non-consumptive tourism industry; sustainable utilization and population continuity of wildlife in developing areas; development of social service delivery in remote communities; analytical regional geography; development of an economic base in isolated communities; resolution of labour-management issues; technological development in the pulp and paper industry; and development of a primary health care program for isolated regions.

Three competitions have been announced:

1. The 1988/89 Awards (valued at \$3,000) are for graduate students already enrolled in the first or second year of their program. The deadline for receipt of completed applications from students is **January 16, 1989**. Winners will be announced by January 31.
2. The second competition (1989/90 Entrance Awards) is intended for students who may be recruited to begin graduate training in the spring or fall of 1989. Decisions will be based largely on research proposals submitted by faculty members, and will be conditional upon attracting a student of high academic standing to do the study. Awards will have a value of \$5,000. Application deadline is **March 13, 1989**, with decisions to be announced by March 31.
3. A third competition (1989/90 Continuing Awards) will be held for graduate students proceeding to the second year of the program and expecting to complete their degree in time for the 1990 spring graduation. These awards will have a value of \$3,000. The deadline for receipt

of applications from graduate students is **May 15, 1989**, with decisions to be announced by May 31.

Awards are for one year only, but may be granted for a second year upon re-application. Winners of the awards will be determined by the Presidential Advisory Committee on Northern Studies, with input from the Director of Graduate Studies and Research.

NEWS FROM NSERC

The 1989/90 Grants Competition

The staff at NSERC are currently preparing proposals for the allocation of next year's budget. Council hopes to be able to provide a decent success rate of 30-35% in the equipment competition, and to award more postgraduate scholarships and fellowships, if the quality of the demand warrants it. More funds will be put into the Operating Grants Program but, once again, the total increase may be absorbed by the need to provide adequate funding to new applicants. In order to provide the most talented researchers with sufficient funding to remain competitive and ensure that the research force keeps its head above water, the grant selection committees will have to be more selective. As a result, the Operating Grants competition will be even more severe than in recent years.

The Matching Fund Policy

At its June meeting, Council decided to abandon the incentive scheme (whereby 10% of reported contributions would be returned to each University's General Research Grant in the first year, 20% in the second year and 30% in the third year) adopted two years ago under the matching fund policy. In its place, Council has initiated two measures aimed at increasing university-industry joint activities.

1. There will be a payment for eligible contributions reported to encourage universities to submit reports required under the matching fund policy as follows: 5% on the first \$100,000 reported; 2% on the next \$200,000 (\$5,000 + 2% on contributions between \$100K and \$300K); 1% on the next \$700,000 (\$9,000 + 1% on contributions between \$300 K and \$1 M); 0.5% on the next \$2,000,000 (\$16,000 + 0.5% on contributions between \$1M and \$3M); 0.25% on anything over \$3M (\$26,000 + 0.25% on contributions in excess of \$3M).

This new policy will result in an increased incentive payment for Lakehead when it is implemented in 1989 (based on reports for 1988/89). We reported \$126,440 in eligible private sector contributions for 1986/87 and received \$4,718 as an incentive payment. (The 10% incentive was prorated to 3.4% due to the large number of eligible contributions reported to NSERC from all Canadian universities). For 1987/88 we reported \$199,841 in

eligible contributions; an incentive of 10%, similarly prorated, will be paid to our General Research Grant (GRG).

2. A bonus amounting to 30% of eligible cash contributions under two of NSERC's University-Industry programs, Cooperative Research and Development (CRD) Grants and Shared Equipment and Facilities, will be paid to the GRG's of participating universities. This bonus will apply to industrial cash contributions actually received by the university with respect to new or existing activity, and will be in effect for the duration of the existing matching policy, which ends in 1990/91.

Under the program of University-Industry CRD Grants, NSERC will now accept research proposals that involve more general research activities that are not tied specifically to a single project. This added flexibility will allow Council to consider proposals which do not fit the rather restrictive criteria of the current CRD projects. They are now prepared to consider proposals in which a company or a group of companies are interested in supporting longer-term research programs of one or several researchers.

Council has adopted these measures in order and to encourage joint activities and to raise industry cash contributions, which are currently relatively small under these two programs. This bonus will not result in any increase to Lakehead University's GRG, as we have no grants under NSERC's University-Industry programs. Dr. Alan Frosst, Assistant Vice-President of Research at McMaster University and a consultant for NSERC on these programs, has offered to come to Lakehead University. If there is sufficient interest among our faculty, I will extend the invitation to him.

NSERC's Senior Industrial Fellowships

Senior Industrial Fellowships are designed to encourage a mutually productive interchange between universities and industry. The fellowships are intended for staff members of Canadian universities who are eligible to apply for NSERC grants. Normally, fellows may spend a minimum period of one year with industrial organizations in Canada or with certain quasi-industrial federal corporations or provincial utilities. No restrictions will be placed on the kind of work to be carried out during tenure of the fellowship.

NSERC will top-up the leave salary of the fellows as a supplement to the university contribution to ensure that the fellows receive a total amount equal to their normal university salary. In addition, NSERC will provide, if required, a travel grant equivalent to economy class return air fare for the fellows and members of their immediate family. (See paragraphs 117 and 118 of the NSERC Awards Guide for further information.)

Dr. David Holah (Chemistry) has been awarded a Senior Industrial Fellowship for the collaborative research he is undertaking during his sabbatical leave with the Pulp and Paper Research Institute of Canada (PAPRICAN).



NEWS FROM SSHRC

Therese F. Casgrain Fellowship

The Therese F.-Casgrain Fellowship for Research on Women and Social Change in Canada was initiated in 1986-87 to perpetuate the memory of women's rights activist Therese F.-Casgrain by encouraging others to carry on her work in promoting the human rights, as well as the economic and social interests, of Canadian women. The Fellowship, which has been awarded annually at a value of \$25,000, will be increased to \$40,000 and awarded every two years rather than annually. Consequently, the deadline for the next competition will be June 15, 1990.

The current award holder is Dr. Micheline Labelle, Head of the Department of Sociology at the University of Quebec at Montreal. Dr. Labelle will use the award to conduct a study on immigrant women and refugee claimants in Montreal. The study will involve in-depth interviews with immigrant women who have risen to key positions in society and who have a high profile in their respective ethnic communities. She plans to create a demographic and socio-economic profile of immigrant women within established ethnic groups and to analyze the views of successful ethnic women on cultural and ethnic pluralism in Quebec society.

The Bora Laskin National Fellowship in Human Rights Research

The 1988/89 Bora Laskin Fellowship has been awarded to Dr. Jerome E. Bickenbach, a professor of philosophy at Queen's University, for a study entitled, "Equality Rights and Physical Disability". Dr. Bickenbach will investigate the philosophical and legal issues pertaining to the rights and special entitlement of the physically disabled. The three main issues to be studied are: the definition of disability, the consequences of a social commitment to equality, and the range and scope of legal rights and other practical entitlements that are owed to individuals with disabilities.

The Bora Laskin Fellowship in Human Rights Research was established to encourage multi-disciplinary research and the development of expertise in the field of human rights.

The value of the award is \$45,000 plus a \$10,000 allowance for research and travel costs. The Council awards one Bora Laskin Fellowship each year.

INTERNATIONAL DEVELOPMENT NEWS

A recent federal government aid policy is putting pressure on the Canadian International Development Agency (CIDA) to contract out some of its programs. *Sharing Our Future*, the federal government's new action plan designed to guide Canada's foreign aid program, calls for a decentralization of Canada's aid program and a focus on "fostering partnerships". This plan, together with the federal government's attempt to downsize its operations, has prompted CIDA to contract out the administration of its programs.

Earlier this year, the Association of Universities and Colleges of Canada (AUCC) signed a seven-year \$13.7 million agreement with CIDA to coordinate the Canada-China University Linkage Program, designed to promote linkages between Canadian universities and their counterparts in China. In the past, linkages between Canadian and Chinese universities had been managed by CIDA and funded on an individual basis. However, a dramatic increase in the number of such agreements led to the development of the new program mechanism. In 1986/87, three-quarters of Canada's \$2.5 billion official development assistance budget was channeled through CIDA. Since 1984/85, CIDA has been the second fastest-growing government department, surpassed only by National Defence.

AUCC - International Division

The Institutional Cooperation and Development Services (ICDS) Division of CIDA and AUCC's International Division ratified a new agreement on June 30, 1988 to cover the latter's program of activities from July 1, 1988 to March 31, 1991. CIDA's contribution will be \$2.4 million, with a further contribution coming from the International Development Research Centre (IDRC) and AUCC.

The planned activities will be a continuation of those carried out during the previous three-year period. The International Division will be responsible for information and communications, publications, liaison, and the annual meeting of International Liaison Officers. The "microfund" program, which supports international development initiatives by Canadian universities, will be maintained and will receive \$200,000 annually.

The newest element in the agreement provides for the creation of a second "micro-fund" program. It will allow institutions to maintain international links once projects have reached the end of allowable funding by CIDA. Funds for the program will total \$30,000 in 1988/89, \$75,000 in 1989/90 and \$125,000 in 1990/91. Canadian universities will be entitled to receive up to \$5,000 per project.

FUNDING OPPORTUNITIES

Ontario Ministry of Transportation and Communications - Highway Safety Research Grants

The Ministry of Transportation and Communication has established a new research grants program designed to promote interest in the human - social, behavioral, and economic - aspects of highway safety. Of further relevance to this program are methods used to record and analyze traffic accidents and other aspects of traffic safety.

The deadline for proposals is January 31, 1989, for awards starting April 1, 1989. Approximately five awards will be made, valued at up to \$20,000.

Ontario Ministry of the Environment - Environmental Research Program

The Ministry of the Environment has issued a report entitled, "Environmental Research Program: Research Needs 1989/90" which presents a summary of its 1989/90 scientific research priorities. The report includes a list of current research issues and needs, classified into five research areas: Air Quality, Water Quality, Liquid and Solid Waste, Analytical Method Development and Socio-Economic Research.

The deadline for applications: January 15, 1989.

The G. Allan Roher Institute - Scottish Rite Charitable Foundation Grants

The G. Allan Roher Institute is a research and policy development organization which offers research grants for studies in the broad range of fields relating to human services and mental handicap. The Institute's current research priorities include: 1) Issues affecting people who have severe mental handicaps and multiple handicaps; 2) Integration of people who have mental handicaps; 3) Prevention; and 4) Strategies for Social Change.

Grants are worth up to \$8,000 each. The application deadline is April 29, 1989.

The Department of National Defence announced awards in the following programs: 1) Military and Strategic Studies (MSS) Language program; 2) MSS Scholarship program; 3) MSS Internship Program; 4) MSS Sabbatical and Research Awards; 5) MSS Postdoctoral Fellowships Program; 6) Postdoctoral Fellowships in Military History and the Canadian Institute for International Peace and Security Awards Program, all administered by the Association of Universities and Colleges of Canada.

Deadline: February 1, 1989.

For further information about these and other research funding opportunities, please contact this office (8223).

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 February *Agora* is January 18, 1989.

JANUARY

MONDAY, 9

MEETING

Alumni Board
7:30 pm
Little Dining Room

THURSDAY, 12

ACADEMIC SCHEDULE

Final date for registration, changes and additions to second term half-courses

SATURDAY, 14 & SUNDAY, 15

LUSU FILM NIGHT

Young Guns
8 p.m. RB 1042
\$1.50 Students, \$2.00 Others

MONDAY, 16

FREE PUBLIC LECTURE

Speaker: Dr. Joyce Forbes
Topic: "Social Responsibility Through Teaching, Learning, and Researching"
7:30 pm RB1021

THURSDAY, 19

MEETING

Board of Governors
4:00 pm
Senate Chambers

SATURDAY, 21 & SUNDAY, 22

LUSU FILM NIGHT

Red Heat
8p.m. RB 1042
\$1.50 Students, \$2.00 Others

MONDAY, 23

MEETING

Senate
2:30 pm
Senate Chambers

WEDNESDAY, 25

INFORMATION MEETING

January is "Alzheimer Awareness Month" and as part of its ongoing public awareness program, the Alzheimer Society of Thunder Bay is presenting an information session for any interested students, faculty, staff, members of the general public.
7 pm
Room 2047 Ryan Building

FRIDAY, 27

FREE PUBLIC LECTURE

Speaker: Professor Robert O'Kell, University of Manitoba
Topic: "Robert Browning's Other Duchess"
3 pm Senate Chambers
Gordon McLeod Lecture Series

SATURDAY, 28 & SUNDAY, 29

LUSU FILM NIGHT

Rocky Horror Picture Show
8 p.m. RB 1042
\$1.50 Students, \$2.00 Others

FEBRUARY

SATURDAY, 4 & SUNDAY, 5

LUSU FILM NIGHT

Big Business
8 p.m. RB 1042
\$1.50 Students, \$2.00 Others

THE CHANCELLOR PATERSON LIBRARY HOURS

*NEW regular hours will begin January 3, 1989
Monday - Thursday
8:00 am - 11:30 pm*
Friday - 8:00 am - 9:00 pm
Saturday - 9:00 am - 9:00 pm*
Sunday 11:00 am - 10:00 pm*

Professional Pension Plan Update

Members of the Pension Plan were advised in December that they would receive a monthly update on the status of Plan amendments. Draft copies of the proposed Plan, as amended, Trust Agreement, and other relevant information were mailed to the Pension Commission of Ontario and Revenue Canada on Dec. 28. Members must now await for comment back from both organizations. Texts have been sent to Eckler Partners Ltd. and Dr. Donovan Waters for further actuarial and legal comment, respectively. In the meantime work is progressing on the manner of crediting interest to members' accounts.

S-T-O-R-M-Y W-E-A-T-H-E-R

In the event that inclement weather should warrant closure of the University campus, all radio stations will be notified and frequent public service announcements will keep students, faculty and staff informed.

Agora

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

John Russell,
Editor: Katherine Shedden
Assistant: Maureen Martin
Calendar: Flo Sherren
Photography: Peter Puna
Graphics: Ben Kaminski, Debby Tew
Printing: Rainbow

Address correspondence to:

Editor/ Agora
Information Office SN1002
Lakehead University
Oliver Road, Thunder Bay, Ontario, P7B 5E1
(807) 343-8631 or 343-8300

celebrating
our Silver Jubilee



Canada Post
Postage paid Port paye

First
Premiere
class
classe

219