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Lakehead University Agora

THUNDER BAY, ONTARIO

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"... and our lows in winter can reach minus 23 degrees Celsius." Coordinator of Counselling Services, Irmo Marino, is surrounded by some of the 28 Malaysian students who will enter first year programs at LU this year. Their orientation included a study skills session, assistance with course selection and scheduling time tables. After reviewing information in the International Students Handbook there were many animated conversations about name pronunciations and Canadian winters!

... For more details on enrolment figures see story on page 3

Welcome to Lakehead University!

Funding for University Residence Program Announced by Lyn McLeod

A grant of \$1,846,000 over 25 years to subsidize the construction of 142 new residence beds at Lakehead University was announced today by Colleges and Universities Minister Lyn McLeod and Taras Kozyra, MPP for Port Arthur.

The program, first announced by Premier David Peterson in September 1987, will allow an additional 5,000 students to live in university residences. It reduces financing costs for the construction of residence facilities.

"This will be a major asset for Lakehead University and the community" Mr. Kozyra said. Mrs. McLeod said the initiative "represents another component in the government's commitment to ensure access to all qualified students."

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Registration Stats: Record-Breaking year

The university has experienced a 25% increase in applications for admission for the 1988/89 academic year which resulted in an additional 1,000 offers of admission going out to prospective students. According to the Registrar, Pentti Paularinne, approximately 600 additional students (48% increase) have accepted offers of admission and indicated that they will be registering at Lakehead this fall.

The University has experienced the largest increase of any Ontario university in applications received from Ontario high school students (816 in 1988 compared to 633 last year - an increase of 29%). Acceptance of our offers of admission for high school applicants is also up by 47% which is the highest percentage increase in the Ontario system.

... page 3

Campus improvements "right on schedule"

Art Davies, Director of Campus Development, has been able to draw lines through a long list of completed summer projects. With all the flak about the speed bumps, he remained his calm and cool self during an interview to provide an update on campus renovations.

This year, nearly \$100,000 was spent on major residence repair. Expenditures were for draperies, paint, carpets, furniture, showers, tile replacements and other upgrading to residence buildings.

The paving has been completed on all parking lots at a cost of \$1/4 million dollars. The most noticeable change is to the entrance to the lot between the Nursing Building and the Bora Laskin Building.

... pages 8 and 9

President's Report

by Dr. Robert Rosebart



September '88 is upon us, and the summer period has brought many changes to the campus. On the physical side, the roadways and parking lots are obvious, as well as the move of Visual Arts and Music to Cornwall School (how about Cornwall Hall?), the colour co-ordinated "appendages" to the Bora Laskin Building and, finally, the Frood corner. Several months ago, Dr. Frood suggested to the University Space Committee that a right-turn lane be provided from Lot 5. After due process, the project has been completed, and it seems to be working out well. Thank you, David Frood. For years, students and faculty have been "potential victims" of the walkway crossing the main campus from the Bora Laskin Building. The new alignment, as well as the speed bumps, give the pedestrian a fighting chance.

On the human side of the institution, there has been a major re-organization of the administrative support side of the University which was announced in early July. These changes, particularly the ones dealing with the Human Resources group, should provide new opportunities for consultative input. Under Vice-President Weller, a new position in Institutional Research should provide a much-needed analytical support service to the Vice-President (Academic) as well as to the various Senate Committees (particularly the Budget Committee).

Enrolment '88

Preliminary indications are that enrolment this Fall will be at record levels. This will, no doubt, create pressures with respect to section sizes, etc., and the Deans are prepared to listen to any problems that might arise. Almost all universities are accepting additional students in varying numbers so that the actual number that register is still somewhat up in the air.

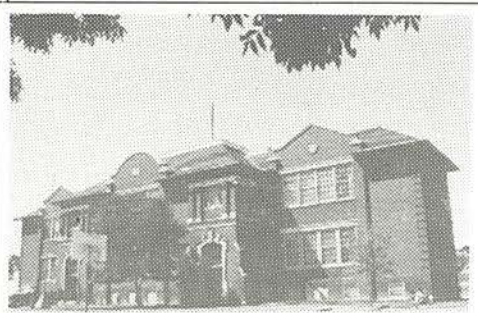
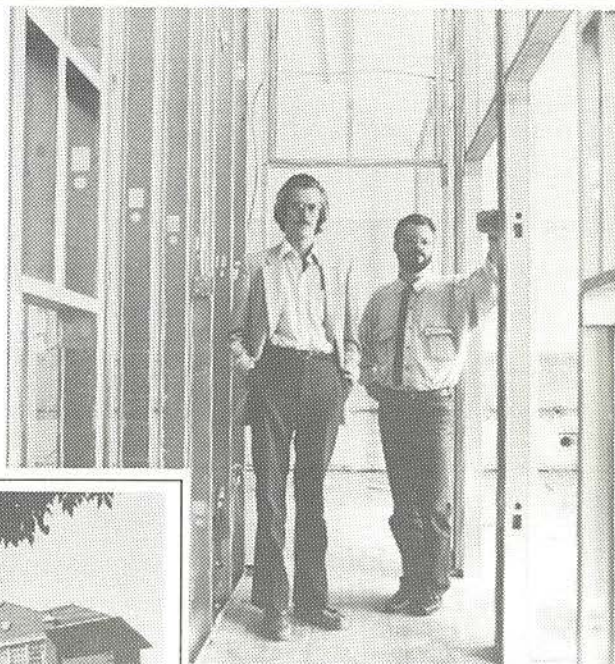
Reach for the Mediocre - Linda Frum - Saturday Night, September/88

Linda Frum continues to make money by making outlandish statements about the Canadian university system. In her latest article, she ignores Lakehead but does quite a number on some of the other Ontario institutions. I am going to ask John Russell to see if she would respond to a "public" debate at Lakehead University.

Workshops on Improved Teaching

The efforts of the Senate Committee on Teaching with respect to the workshops conducted by Dr. George Brown in May were well received, and I would trust that such workshops should become an annual event at Lakehead University. I was en-

Glen Carruthers, (left) Chairman of the Department of Music, and Mark Nisenbott, Chairman of the Department of Visual Arts, pose inside the gutted interior of Cornwall School which will open its doors on September 12 to approximately 100 students. LU's first off-campus building is situated at 210 Algoma Street South.



couraged to hear from faculty that this event was a visible indication that the profile of teaching excellence has begun to rise at Lakehead University.

The fund-raising efforts of Lakehead University continue to bear fruit. Over the summer, several more Silver Jubilee Scholarships have been arranged. As well, the University Scholarship Fund was the recipient of a significant inheritance from an individual with no previous connections to Lakehead University.

Distance Education

As you know, Lakehead University's efforts in Distance Education have evolved during the past two years under the direction of Co-ordinator Susan Cole. During the summer, we had an external consultant review the organization of Distance Education within the Continuing Education Division, and I am pleased to report that subsequent to this review, Susan Cole has accepted a further two-year contract as Co-ordinator of Distance Education.

Ombudsperson Update

This year, Lakehead University is to have a pilot student Ombudsperson program. During the summer, a committee spearheaded by LUSU and Student Services, was working on the process, mandate and selection of the Ombudsman. At this stage, the group feels that more work is necessary on the definition of the mandate of the office and, as a result, the selection of the individual may be delayed for a few months.

China Update

As you may remember, some time ago a group of faculty identified themselves via this column, for a possible trip to several Chinese universities in the fall of 1988. K.C. Yang has now had a response back from China and they are willing

to fund a delegation of six, but the timing is now most probably June of 1989. More on this in a future column.

Long-Range Campus Development Concept

Some time ago, as a result of a donation in "kind" to the Partners' initiative, a local architect began working with the University Space Committee and, ultimately, with Board of Governors Campus Development Committee, on a long-range development strategy for the university lands. This initiative was undertaken for several reasons. Obviously, the University does not have funding in place to implement the details of the conceptual plan, but it should, to some extent, take away from the ad-hoc planning of the past. Secondly, at least six outside groups have focussed recently on the use of University lands, including a transportation consultant hired by the City of Thunder Bay who envisioned a four-lane highway bisecting the Bora Laskin Building and the SN-Ryan Building area. The long-range concept, in a sense, "stakes out" our prime lands. The Space Committee would be interested in your reaction to the concept represented, and reduced copies of the "long-range concept" will be available from Mrs. Linda Phillips.



Good idea man
Dr. David Frood

Susan Cole

Registration continued from page 1

In addition to the 100 additional students admitted to the 1-year Bachelor of Education program, well over 100 additional students have accepted offers of admission to Arts programs. For the first time in approximately 5 years acceptances to our forestry programs are up. 45 admitted applicants have indicated that they plan to register in the 1st year of the forestry program this fall compared to 24 last year at this time. Acceptances of offers of admission to the Physical Education program are also up with 94 acceptances to date compared to 37 last year. Similar increases have occurred in Outdoor Recreation (26%) Forestry Tech, Commerce (27%) and Business Administration (60%) and Engineering Tech (27%).

Applications to Science programs have risen by 28% which has resulted in 78 additional offers of admission going out to science applicants. This in turn has resulted in a 32% increase in acceptances (103 this year compared to 78 last year). Included among the new students expected to register this fall are 28 Canada Scholarship recipients. This is a prestigious new scholarship program sponsored by the Federal government to encourage outstanding students to enter science and technology fields. The Canada Scholarships Program is part of the federal government's long-term strategy to secure future economic growth and prosperity by using science and technology to develop new industries and enhance existing ones. Lakehead University nominated many outstanding high school students and 28 have chosen Lakehead. A large percentage are from Thunder Bay, with representation from other parts of the province. More than half of the participants are female and they will enter programs in forestry, science and engineering.

Confirmations for the newly approved BA in Library and Information Studies degree program have doubled over last year's acceptances to the library tech diploma program (19 vs 8).

Another interesting statistic includes an increase in international students who will attend this fall. Paularinne says that despite the sizable fee differential for International students we can still expect a 10% increase for 1988. Through an arrangement with the Malaysian government, 26 Malaysian students will enter programs in arts, science and engineering. Through the Canadian Bureau of International Education, 10 Libyan students have enrolled at LU.

The University's 1987 fall enrolment stood at 3,357 as of November 1, 1987 which was a decline of 1.4% over the previous year. Confirmation figures to the end of August for the 1988 academic year suggest that the university's full time enrolment may grow by as much as 350 full time students which would top the previous high full-time enrolment figure of 3,695 students in 1984.



"The University's full-time enrolment may grow by as much as 350 full time students which would top the previous high full-time enrolment figure of 3,695 in 1984."

Pentti Paularinne

	Applications		Offers		Confirmations	
	1987	1988	1987	1988	1987	1988
Arts	1093	1543 (41.2%)	722	1135 (57.2%)		
Science	362	452 (24.9%)	233	327 (40.3%)	96	128 (33.3%)
Education	2190	2911 (32.9%)	422	606 (43.6%)	235	385 (63.8%)
Grad Studies	266	306 (15%)	89	141 (58.4%)	38	79 (107.9%)
Prof Studies	2386	2621 (9.9%)	1537	1586 (16.9%)	583	79 (35.5%)
	<u>6297</u>	<u>7833 (24.4%)</u>	<u>2823</u>	<u>3785 (34.4%)</u>	<u>1212</u>	<u>1799 (48.4%)</u>

Student housing: the search continues

Admitting that there were 1400 applications for 628 beds, the Director of Residence, Ron Spina, is still confident that all Lakehead University students will be adequately housed by the time classes start. The University secured 49 beds at Patterson Hall which is part of McKellar Hospital for 27 females and 22 males. There are two floors with both single and double occupancy and cooking facilities. The rates will be slightly cheaper than campus residence to compensate for the distance commuting from the south ward. Also several hotel and motel businesses have expressed interest in providing discount rates for students. On-campus housing accommodates 648 students in single and double rooms. The addition of new resident townhouses will provide an additional 144 beds in 1989.

Nina Ariganello, off-campus housing officer, said students have been actively using the listing service provided by the University to find apartments, rooms and houses in the community. An emergency plan is already in place should students arrive on campus and not be able to find housing. Ariganello said she has had a good response from the community for room and board, but apartments are still in big demand.

Personal harassment brochure circulated

The task ahead seemed difficult when in October 1988, Mr. Fred Poulter, Vice-President (Administration), called for the establishment of a Personal Harassment Committee, with representatives from all employee groups and the student union. The Committee was chaired by Myrna Holman, Human Resources Officer, and the mandate of the group was to establish methods to implement the Lakehead University Personal Harassment Policy Statement.

The Personal Harassment Policy covers all forms of harassment included in the Ontario Human Rights Code. The list includes the prohibited grounds of race, ancestry, place of origin, colour, ethnic origin, citizenship, creed, sex, sexual orientation, age, record of offences, marital status, family status and handicap. The policy applies to staff, faculty and students. Harassment can include comments or conduct consisting of words or actions that disparage or humiliate a person in relation to one of the prohibited grounds.

The Personal Harassment Committee has developed a brochure in response to the challenge of developing a means to implement the policy. The aim of the brochure is to inform the University community about the policy and offer some suggestions for dealing with harassment. The pamphlet encourages individuals to talk with one of three designated individuals. These individuals will be trained to offer suggestions, give guidance, moral support and help check out perceptions. The list includes Joy Lawson, Director of Student Services, Professor David Parsons, Department of English, and Myrna Holman, Human Resources Officer.

An educational campaign is being planned to complement the pamphlet. Mr. Fred Poulter indicates that although he believes that harassment is not an issue on campus, it is important to foster an awareness and develop procedures for those who may experience a problem. Resolution of complaints includes both an informal stage where the people listed on the brochure can be contacted in confidence to discuss the problem, and, a more formalized process for those who wish to pursue the matter further.

Questions or comments regarding the policy can be addressed to Myrna Holman, Human Resources Officer, in the Human Resources Department.

Administrative restructuring: "Focus on service" says President

On July 12, President Rosehart announced a major restructuring on the administrative side of the institution. In 1985 changes were made on the academic side and Rosehart felt that a review of the "Human Resources" role within the organization was in order. Together with Fred Poulter, Vice-President (Administration), two major initiatives were undertaken to create what he called a "more supportive approach" in some areas and the formation of a new consultative body with respect to labour relations. As well, a new support position was established in the area of institutional research. The changes were effective September 1, 1988 with allowances made for a transitional phase. The total staff complement of the new structure is the same as the old with no loss of staff positions. The chart below outlines both the current and new structure. One major change involves

the reduction in the number of directors from six to four. Mr. Poulter said "I think it's a better organization to have fewer than six reporting to me. It'll improve the effectiveness and efficiency of administrations." The four "new" positions are Director of Campus Development, Mr. Art Davies, Director of Finance, Mr. Les Miller, Director of Human Resources, Mr. Bill Bragnalo and Director of Services, Mr. Grant Walsh.

The Director of Services will be responsible for 12 separate departments but Poulter is not concerned about the size of the portfolio. "It is a very large portfolio but there is strong leadership in each area and they actually operate as little businesses on their own. I want the Director of Services to become involved in some administration. He'll work with me on special assignments. If one looks at the master plan there is a possibility that

someday we may want a mall on campus to service the needs of students and members of the nearby community". Poulter said that there is no one currently hired as manager of "New Joint Ventures" but the position will be built into the new structure to be in place should future projects necessitate it.

The Director of Human Resources will focus only on human resources management and staff development. The position of Academic Staff Relations Officer will be eliminated and the academic deans will assume a more active role with respect to the LUFCA contract administration in a more decentralized mode of operation in concert with the senior academic administration. To reflect the maturing and operational nature of the employment equity program within the organization, the Employment Equity Support role will report to the Director of Human Resources.

As a first major step in initiating a consultative process to build a productive human resources environment in the institution, a "Labour Management Advisory Committee" will be established. This group will meet a minimum of twice a year and deal with general labour/management issues within the institution.

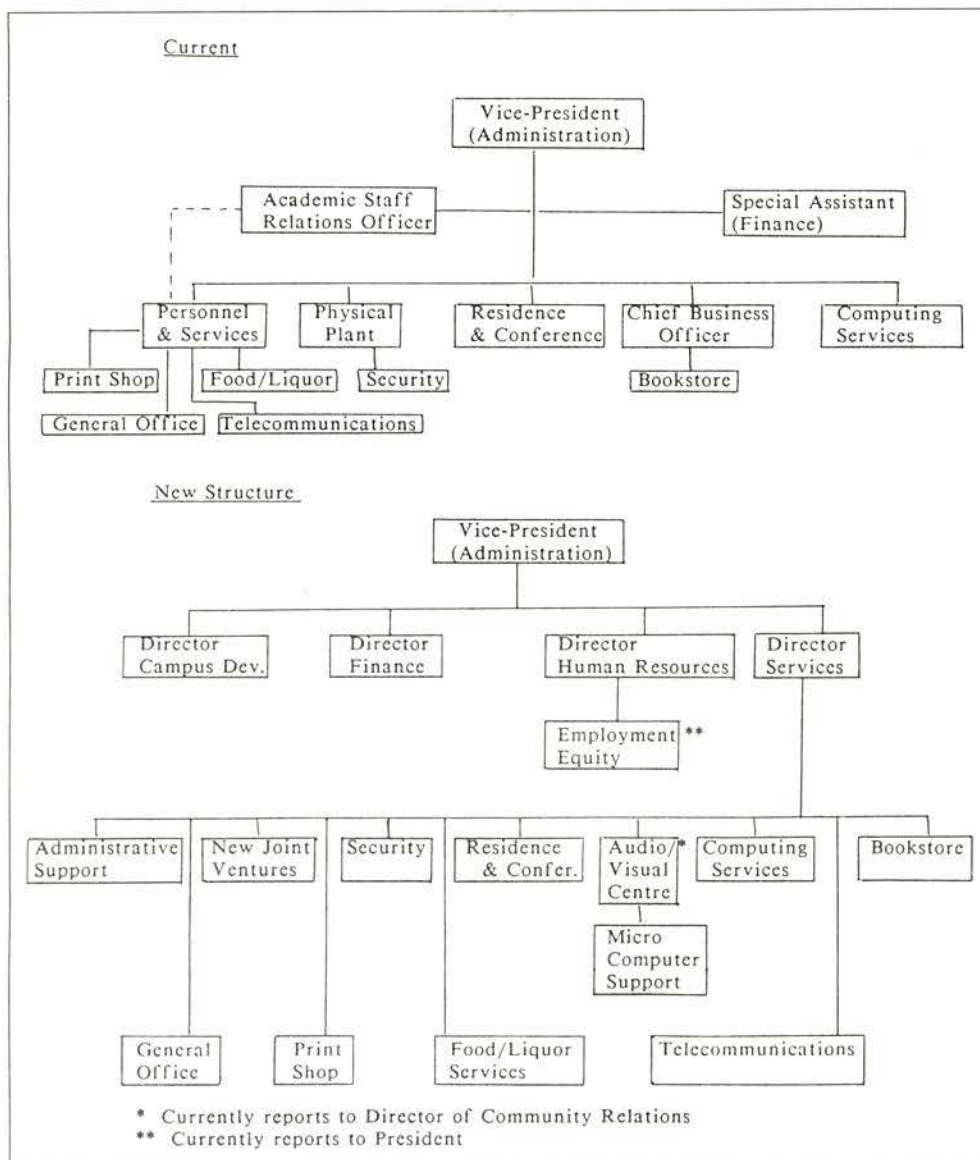
The committee will initiate policy recommendations for additional initiatives in the area of labour management. The following groups will be invited to nominate members to the committee.

- Representatives of each employee group within the organization
- Chairman of the Board of Governors
- Chairman of the Board of Governors Staff Relations Committee
- President and Vice-President (Academic)
- Director of Human Resources
- to be chaired or co-chaired initially by Vice-President (Administration).

Academic Administration

Consistent with a major recommendation from the Academic Plan and the 1987/88 Report of the Senate Budget Committee, a new support position in the area of "institutional research" has been created from the existing staff establishment. Rosehart appointed Mrs. Kerrie-Lee Clarke to the position. Such a position, working closely with the various Senate Committees (particularly, Budget and Academic), will be charged with developing a comparative database that would permit a more quantitative approach to be taken to various academic analyses.

Senior administration believes that changes will produce a more functional and efficient organization, an organization with a "supportive" philosophy. At the information meeting and in his written report, President Rosehart stressed that the two major initiatives should improve the overall human resources climate within the institution and produce a consultative forum where additional initiatives can be developed.



"Wealth of Experience": Norm LaVoie appointed Director of New Department of Physical Education and Athletics



Dr. Norm LaVoie, above left, receives congratulations from President Bob Rosehart at the press conference to announce his appointment. Dr. LaVoie is very enthusiastic about the future of athletics and physical education at Lakehead and the next issue of the AGORA will introduce the new team members and future plans

The search for the Director of the newly formed department of Physical Education and Athletics ended right at home with the appointment of Dr. Norm LaVoie. His appointment was effective July 1, 1988. Dr. Jane Crossman and Dr. Ron Lappage shared the directorship in 1987-88. In making the announcement, President Rosehart said "Norm brings a wealth of experience with which to assume the leadership role at a time when Lakehead University Athletics will be making major new initiatives."

A native of St. Thomas, Ontario, LaVoie received a BA in Economics in 1965 and his BPHE in 1966, both from the University of Windsor. In 1969 he obtained his MA (PhEd)

and in 1972 completed his Ph.D from the University of Alberta. Norm Lavoie has been teaching at LU since 1972 with the exception of brief stints as visiting professor at McGill and Universite de Montreal.

The Thunder Bay community has been well served by LaVoie's various sporting interests and expertise. He was a consultant for Judo Canada, a member of the Northwestern Ontario Regional Sports Advisory Council, a course conductor for Countdown (a program to stop smoking with the Ontario Lung Association) and served as a member of the steering committee of the Thunder Bay Junior Football League. Dr. LaVoie is currently President of the Lung Association, Thunder Bay Region.

What do you think?

Last spring, when the decision was made to change the AGORA from a newspaper to a newsletter format, some of us thought we could just turn on the computer. The transition proved to be more difficult than expected. Graphics Manager, Ben Kaminski, carefully worked on the new masthead which we just love. Bob Cornell and Stan Nemec from the print shop moaned and complained about rollers, colour mixes and clipper margins. The advantages of producing completely "in-house" were offset by new postal problems (envelopes and labels and a strike!) and a longer turnaround time from our office to you. Our

Pagemaker desktop publishing operation performed well but despite our computerized graphic capability, there was still much to do in the graphics department (thanks Linda). Computer bugs were ironed out by a small army of technicians lead by Tom Stevens, Bob Angell and Cathy Rhind. We've been through staff changes, format changes and an increased work load in the Information Office but we believe that the new AGORA will provide a more efficient and convenient format to read and store for future reference. A grateful thank-you to everyone who supported me through this first issue. [The Editor]



LU A SMOKE-FREE WORKPLACE

Lakehead University joined the ranks of other smoke-free workplaces on September 1, 1988. For the past 6 months, the non-smoking Committee, with representatives from faculty, staff and students, have been researching data, and formulating policies and procedures.

For the purpose of providing a safer, cleaner and more comfortable campus environment for faculty, staff, students and visitors, the University will permit smoking on the premises only in designated areas. Smoking will not be permitted in classrooms or offices. Smoking at Lakehead University is permitted in the following areas only: designated areas of the Main Cafeteria, the Faculty Lounge, the Bora Laskin Student Lounge, the Games Room, the Aesthetics Lounge, the Study, UC0046-Custodial change area, designated residence and designated areas of Alumni House, Lutheran House, Centre for Northern Studies, Shipping and Receiving, Cornwall School and any other buildings which may become the property of Lakehead University.

The new signs have been put up, butting apparatus have been installed on the outside of most buildings, cigarette machines have been removed and educational and assistance programs toward smoking cessation will be provided.

There is an enforcement procedure in effect for all members of the University Community but Fred Poulter, Vice-President of Administration, says the attitude towards smoking and second-hand smoke has changed so much that he is expecting people to comply with the new regulations voluntarily.

1988/89 merit awards

Arts and Science: Prof. F. J. Anderson, Economics; Dr. M. Benson, Mathematical Sciences; Dr. R. Berg, Philosophy; Dr. J. Forbes, English; Dr. J. Gellert, English; Dr. D. Holah, Chemistry; Dr. J. Jamieson, Psychology; Prof. M. L. Kelley, Social Work; Dr. W. Momot, Biology; Dr. J. Ryder, Biology; Dr. G. Schroeter, Sociology.

Professional Studies: Dr. R. W. Archibald, Business Administration; Dr. A. D. Bowd, Education; Dr. J. Crossman, Physical Education; Dr. B. Dadgostar, Business Administration; Dr. S. Easa, Engineering; Dr. I. Nirdosh, Engineering; Dr. W. H. Parker, Forestry; Dr. E. Setliff, Forestry; Dr. J. Smithers, Outdoor Recreation.

Science summer school another smash hit!

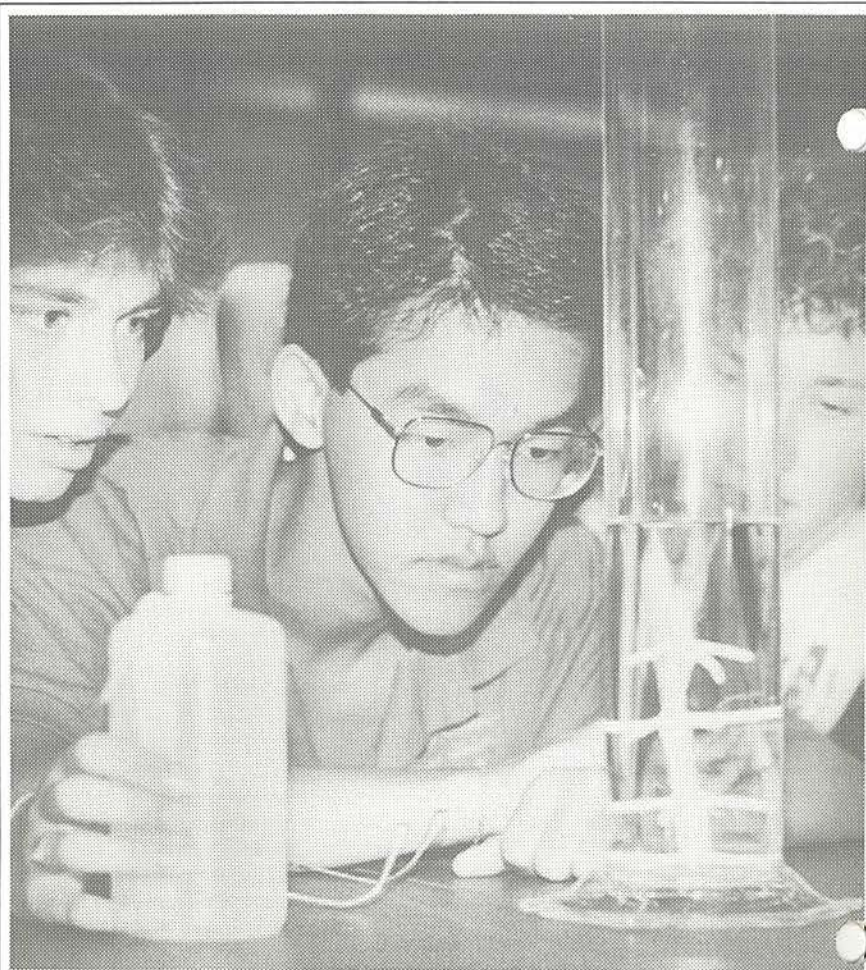
Top-notch students from across Northwestern Ontario attended the Summer Program of Science and Technology at Lakehead University this summer. The program, in its second season, was sponsored by the Ontario Ministry of Northern Development and Mines. Students applied through their home schools and were selected by a coordinating committee consisting of representatives from program councils East and West, the Boards of Education in Thunder Bay, the Ministry of Northern Development and Mines and Lakehead University. The main criteria for admission to the program included high marks in mathematics and science, good recommendations from teachers and a keen interest in science and technology. Upon satisfactory completion of the 6-week program, each student received a \$1500 scholarship.

The summer school program is residential and students attended classes each weekday from 9 am to 3:30 pm. They received instruction in biology, chemistry, engineering, geology, mathematics and physics from a staff that includes university professors, high school teachers, and graduate students from the University. From 4 to 5:30 pm each day, students participated in organized athletic activities. In the evenings, activities included guest lectures, exercise and recreation at the Canada Games Complex, musical and cultural events around the city. On weekends, students went on field trips to local industries and points of scientific interest as well as participating in sports such as canoeing, orienteering, wind surfing and water skiing.

This year's Program co-ordinator, Paul Inksetter, said that it was basically an "immersion program." There is a responsibility on the part of the students to go back and enrich their fellow students and the staff at their high schools. The teachers participating in the program also benefit by being with very keen students who present new challenges and ideas. Inksetter said that one of the goals of the program was to send "revitalized teachers" back to their schools. "It's an immersion and enrichment program for teachers as well as students". The 60 students involved in the program were in grades 11 or 12 with 30 coming from Thunder Bay high schools and 30 coming from the regional high schools. The 60 participating students represented 21 different high schools from as far away as Kenora, Fort Frances and Rainy River, and east to Manitowadge and Marathon. There was an even split between males and females for both the students and instructors.

Women teachers at bottom of scale

In 1985, women continued to hold only 17 percent of all teaching positions in Canadian universities, even though they have been entering the academic ranks at a faster rate than men since 1960, according to Statistics Canada. In addition, 81 percent of female teachers are concentrated in four fields of study: social sciences, health sciences, humanities and education. Women also form a greater proportion of teachers in the lower academic ranks and earn considerably less, on average, than their male counterparts. In 1985, the median salary for a full-time female teacher was \$41,300, about \$10,000 less than the average for men. Statistics Canada attributes the slow movement of women into the higher ranks to the usually long time lag before a teacher can attain the status of full or associate professor.



The amazing world of science . . .

Students from the Science and Technology Summer School program at Lakehead University watch in awe as crystals form in front of their eyes. Super technician, Mr. Davey Jones, set up an experiment for the budding young scientists. He put copper "trees" in large test tubes and let it stand in a solution of silver nitrate. The liquid turned blue as the copper displaced silver from the solution and a silver tree grew.

More beds

continued from page 1

All publicly assisted universities were eligible to apply for the grant assistance. The largest grants went to the University of Toronto at over \$11 million for 868 beds and York University which was approved for 538 beds in low-rise buildings at nearly \$7.1 million and another \$3.4 million for 264 in mid-rise residence units. Ryerson received slightly more than \$7 million, while Guelph netted just over \$6 million. Carleton received \$5.2 for 400 beds and McMaster \$5 million for 385 beds. Brock will see an additional 360 new residence beds with a \$4.6 million dollar grant. The program was intended to complement the government's "housing first" policy by reducing the competition for affordable housing between students and low-income earners. Sir Wilfred Laurier University will begin construction on 300 new beds with \$3.9 million and Windsor's grant of 2.9 million is to cover 224 beds. Western, Lakehead and Nipissing College received \$2.6 million (200 beds) and very similar grants of \$1.8 million will create 142 beds at Lakehead and 140 at Nipissing College. The challenge facing the Universities is to find the balance of the funds. The government funding represents only a portion of the final cost. In the case of Lakehead, the 36 houses, which will be in 6 blocks of 6 units, will cost administration \$3.6 million dollars. Mr. Davies said that he expects construction to begin in October.

According to the 1988 report on the Financial Situation of Universities in Ontario, Ontario stands ninth among the 10 provinces in terms of operating grants to universities based on the relative wealth of each province. "The priority afforded to this province's universities by the government of Ontario has declined steadily and substantially over the past decade", the report states. Ontario universities' share of total government spending has declined from 5.92% in 1977-78 to 4.6% in 1988-89.

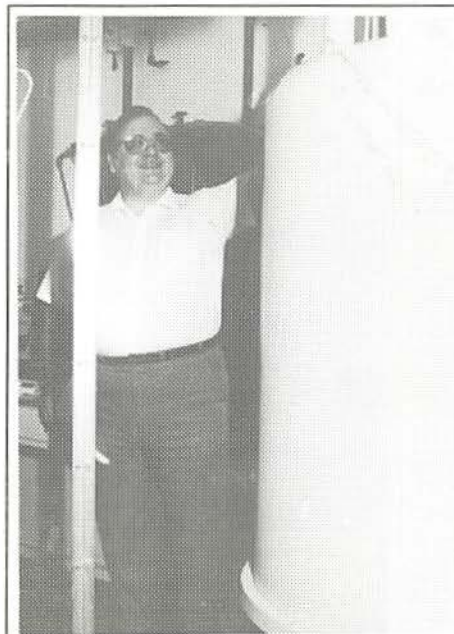
sabbaticals

Following faculty have received sabbatical or study leaves for 1988/89. The AgorA attempted to catch up with the researching, writing, lecturing, testing, travelling professors and find out what projects they were undertaking during their 6 or 12 month sabbaticals. All are invited to correspond with the Information Office and keep us up to date.

J. Stewart (12), Anthropology, research, lectures, writing and museum visits; **R. Freitag** (12), Biology, research at the University of Alberta and field studies in the Caribbean; **J. Ryder** (12), Biology, Victoria, mainly writing; **D. Holah** (12), Chemistry, working in Montreal with private industry doing research; **G. Kondor** (12), Economics; **D. Crozier**, English, C. **Ilman** (12), English, visiting Professor at the University of Seattle; **S. Kissin**, Geology (6) writing his various research grants and testing new laboratory apparatus; **H. Hasegawa**, Mathematical sciences, research on data condensation and compaction; **R. Ripley** (12) Philosophy; **S. McBride** (12), Political Studies, will be in England working on a book; **N. Ginsburg** (12), Psychology, working on research with dots (perception and number quantity) with the Valgroep Psychonomie at the Rijksuniversiteit Utrecht in the Netherlands; **W. Melnyk** (6), **K. Rotenberg** (6); **M. L. Kelley** (12), Social Work, writing scholarship to complete a case book, **W. Crowe** (6) Business Administration; **J. Pylypiw**, (6) Education; **D. Barry**, (6) Engineering, working at the University of Bradford, UK, working with Dr. Alf Keller on electronic component reliability and visiting professor at the University of Hawaii, Manoa, working with the director of physical electronic laboratories on novel sensors; **L. Garred** (12), Chemical Engineering, will continue his dialysis research at hospitals in France and Australia; **R. J. Day**, (12) Forestry, lecturing and research in Australia; **R. Farmer** (12), Forestry, continue research at the University of Victoria and in Nepal and Hong Kong; **J. Tanz**, 2 year study leave to complete his PhD at UBC; **L. McDougal**, Nursing, Study leave; **R. Rollins** (12) Outdoor Recreation, research projects out of Victoria, BC; **T. Song**, Physical Education, research projects in Quebec.

update : chemistry department

Dr. Alan Hughes, Chairman of the Department of Chemistry was rather excited about showing off some new equipment. The Department bought the \$400,000 piece of equipment out of a special northern grant. The "heart of the machine" according to Dr. Hughes is a superconducting magnet. More than 90 litres of liquid helium keeps the conductor cold. There is also a barrier of liquid nitrogen which insulates the helium. The addition of this specialized equipment "makes us strongly competitive with the big guys. We also have the advantage of rapid access due to our smaller size". The new equipment was installed in the instrument lab and the Chemistry department will be the primary user with the departments of physics and geology sharing use. "We could not operate a graduate program and much of our undergrad program without it. The former instrument was excellent in its time, but it's now 15-year old technology. To do publishable research and give students modern hands-on experience we really needed a replacement". The NMR's main use is to probe molecular structure in detail.



"Of course everyone recognizes the new nuclear magnetic resonance cryospectrometer (NMR)..." The new equipment was installed in Dr. Griffith's Instrument Lab in May.

The Order of Ontario

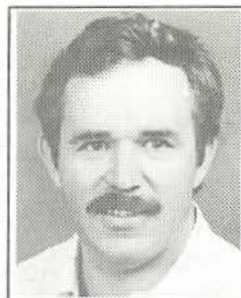
Nomination forms and brochures are available for this important award which pays tribute to exceptional people who exemplify the highest qualities of achievement and excellence in their chosen professions or in community service on an international, national or provincial level. The Order of Ontario was established in 1987 as a means of honour these special men and women. To submit a nomination for consideration by the Advisory Council, pick up a form at the President's Office and send it to the Honours and Awards Secretariat by October 31, 1988.



Dr. Thomas Song

geological readings

Dr. Graeme Borradaile, Department of Geology, assumed the Chairmanship from Dr. Roger Mitchell effective July 1, 1988. Dr. Borradaile came to Lakehead in 1978. He received his PhD in structural geology from the University of Liverpool in 1971 and a D.Sc in Tectonophysics from the same University in 1987. He has taught at the Universities of Durham, UK and Amsterdam, Holland. Current research focusses on experimental deformation of rocks and the use of magnetic fabrics of rocks in the Canadian Shield as a prospecting tool. His experimental laboratory, established with a BILD (Ontario) grant has computer controlled equipment that can simulate conditions as deep as 20 km in the crust. Currently, three graduate students are working with Dr. Borradaile. He sends this departmental report highlighting a few people and projects.



Dr. Barbara Kronberg was working in the Amazon this past summer. Her additional field work in the forests of northwestern Ontario includes investigation of the geological aspects of environmental changes and the effects on soils and forest productivity. "It is the most important work we're doing" Dr. Borradaile explained. Kronberg is also working on program development for a special option which will be called "Resources and Environmental Science" which students from any science or engineering department could take. The development phase will be approximately 18 months. Dr. Phil Fralick is another very active member of the geology team, who has a very positive influence on the students. He is doing field work in northern Ontario but also has a very exciting project going in Nova Scotia with LU graduate students. They are investigating the early opening of the Atlantic Ocean. He is piecing together the way in which the northwestern coast of Africa and Maritime Canada were originally pieced together. He is also heavily involved with contacts with China. Together with Mr. Wu, a post-doctoral fellow, they are studying economic deposits of the Canadian Shield which are very like deposits in the Chinese shield. Mr. Wu has been on the project for a year and discussions are in progress that could eventually realize a student exchange between Canada and China. Dr. Kehlenbeck recently travelled to China as part of an international contingency.

The faculty produced an outstanding number of publications in 1987-88. Seven faculty members delivered 13 conference papers as well as giving lectures in their specialties in Zurich, various cities in China, Moscow, Leningrad, and Canadian locations from Beardmore to Newfoundland. During 1987-88, 7 faculty members received approximately \$200,000 in grants from NSERC, OGRF, OMNR and other granting bodies.

The Forest Biology Building has been delayed due to the first design coming in substantially over budget. The building will be leased by the MNR and there is still hope for a spring start date.

The Black Shack will sing no more. Having only recently discovered that the quaint blackish building beside the University Centre was called the Black Shack, it was a bigger surprise to find out that graphics, AV and the Information Office were once housed there and more recently it was used for voice training. Physical plant now has it under construction for offices. There will be five for faculty, one graduate student and administration area and the new Centre for Entrepreneurship. Ron Nelson explained that the centre is one of six in Ontario and ours is a joint effort with Confederation College. The objectives of the centre will be threefold: to teach entrepreneurship, to do research in that area and to promote activities to increase public awareness. LU has a course slated to begin in January

\$100,000 has been spent each summer for the past 5 years on major residence repair. This year's expenditures went on draperies, paint, carpets, furniture, showers, tile replacements and general upgrading.

Paving contracts are complete to the cost of \$1/4 of a million dollars. Closing off the entrance to the parking lot between the main campus and the Bora Laskin Building was considered essential to "protect pedestrians". A new entrance to Lakehead University campus is being constructed off Balmoral at a cost of \$165,000. Construction began September 12 and the road should be in use by October 15. The new entrance will significantly reduce the traffic line-ups on Oliver Road.

Beware thieves. Burglar alarms were installed in all outlying buildings on campus property.

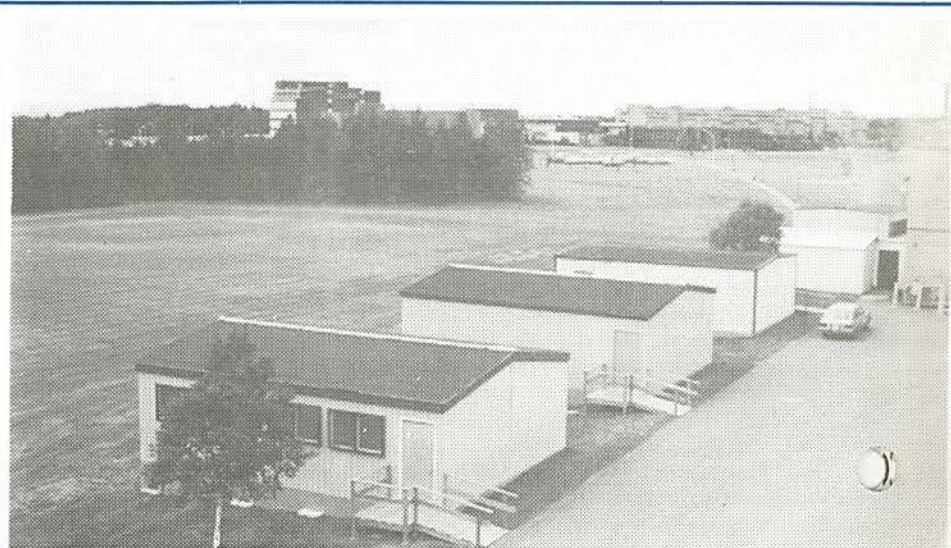
There was an upgrading to increase the air flow and air conditioning by 50% in the student services area.

The University has purchased the property at 954 Oliver Road from the Rudiak family. The house is being rented on a 1-year contract until a decision is made about its future use.

The gang at Cornwall School does not seem to mind the construction going on all around them. They are happy to have doubled their working area space and have their own building. Drop by and pay them a visit.

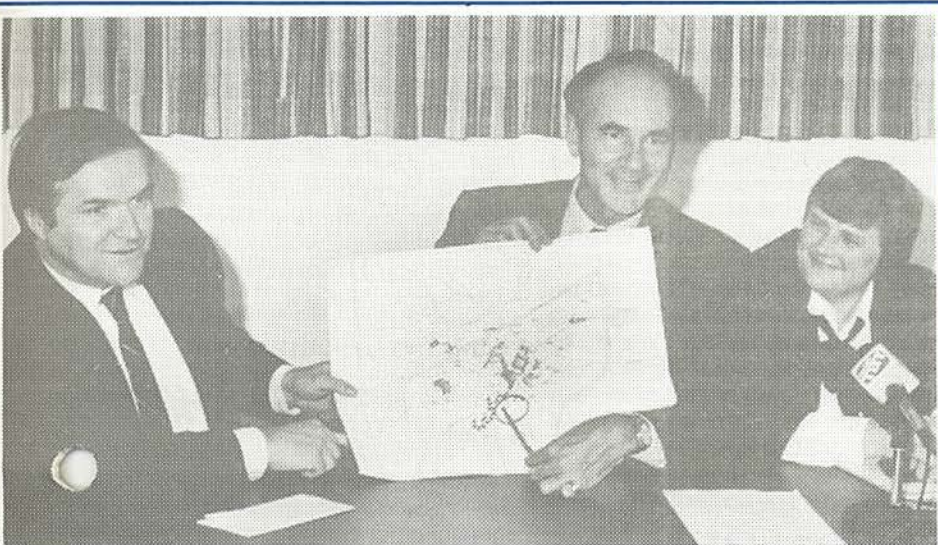
The old fine arts space will be the new home for Continuing Education and Distance Education. Susan Cole announced that Vonnice Cheng has been appointed Delivery Supervisor in Distance Education and can be reached at 8713.

Annual campus renovations and new university projects created a great buzz of activity all summer. The photo series below captures some of the action and changes on the grounds. The top left photograph looks down on the row of newly purchased portables arranged neatly behind the Bora Laskin Building. Only two of the six temporary structures assigned to the School of Education will be used for classrooms. Faculty, sessional lecturers, graduate students and administration will occupy the other mobiles. The portables are a short-term solution meant to ease the space problem brought on by increased enrolments. The photograph bottom left, shows workers completing the last of the paving contracts. Having all parking lots paved will affect the pocketbooks of users, however, Lakehead



good LU

remains one of the least expensive (and most accessible) places to park at any Ontario University. Top right, the Minister of Colleges and Universities, Lyn McLeod, smiles as Board of Governor Chairman Robbert Welter (centre) and President Bob Rosehart display a map of the campus and indicate the location of the new townhouse residences scheduled for occupancy next fall. The provincial government handed out large grants to universities and colleges for temporary buildings and new residences. Roofing is a dirty, difficult job at any time but from the look of the sky in the bottom right photo, those workers may have been trying to beat Mother Nature as well as putting a new roof on the Bora Laskin Building.



Photography by Peter Puna

A student from a university 'in outer space' responds

The following article appeared in the Ottawa Citizen on August 29, 1988 in the Letter of the Day column

My father sent me a clipping from a report in the Citizen written by Bruce Ward, "Teens face tough fight for spots in choice universities." In this article Ward calls a number of universities, including Lakehead University, "The halls of higher learning in outer space."

As a student at Lakehead University, I thought you might like to know what it is like to attend such an "outer space" institution.

Can you imagine attending a school where professors and students know each other on a first-name basis? What other university offers a toll-free number for those wishing information about programs? When was the last time you could park for 25 cents an hour at an Ottawa university? Have you seen many southern universities offering acres of greenery, bicycle trails in the middle of the campus and a lake filled with trout next to the residences?

We may be far north and small but at least students are humanized and given a strong personal education.

Long live Lakehead, and the other universities in outer space. We will let the students down south enjoy the big city institutions of higher learning where the student is often just a number paying tuition fees.

Robert-Albert Bigras
Department of Social Work
Thunder Bay

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. [Story to appear in October AGORA]. 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.

Research News

FROM THE
OFFICE OF
GRADUATE
STUDIES AND
RESEARCH

Research Officer:



Trish
McGowan

NEWS FROM NSERC

It is, once again, time to prepare submissions for NSERC's Operating Grant competition. NSERC's deadline for receipt of applications is **November 1**. Please try, if at all possible, to submit your application several days in advance of this deadline, to ensure that the application will be complete and well-presented, that all signing authorities have had an opportunity to review the proposed project, and that no unfortunate mishaps or delays will occur.

Last year, when I attended a number of open discussion sessions during grant selection committee visits, several members of different committees strongly encouraged all faculty to consider submitting an equipment grant application. As you are aware, the size of the purse which the committees have for allocation is determined as a proportion of the total dollar value of the applications that each receives. Hence, the more equipment grant applications it receives, the larger the amount which the committee can award. It is also in each individual's best interest to be able to work with the most advanced and appropriate equipment for this research. The deadline for equipment grant applications is also **November 1**.

NSERC has a number of other programs which may be of interest to Lakehead faculty. There are a range of opportunities for the funding of international ventures: the Bilateral Exchange Program, CIDA/NSERC Research Associateships, and International Collaborative Research Grants are a few. The application deadline for each of these programs is **October 15**. More information can be found about these and other NSERC programs in the *Awards Guide*. Copies of this guide and of all relevant forms and information can be obtained from this office.

NEWS FROM SSHRC

New President Installed

On June 6 Dr. Paule Leduc began a five-year term as President of the Council. Dr. Leduc is well-known in both the university community and the public sector. After obtaining a Ph.D. in literature from the University of Paris (Sorbonne), she taught for several years in Montreal-area universities. Her administrative career began at the Université du Québec à Montréal (UQAM), where she held the positions of Chair, Department of Literary Studies; Dean, Graduate Studies and Research; and Executive Vice-Rector. She has published widely.

In addition to her academic experience, Dr. Leduc has enjoyed a distinguished career as a senior official in the provincial government in a number of positions, including Deputy Minister of Intergovernmental Relations, Deputy Minister of International Relations, and Deputy Minister of Cultural Affairs. Immediately prior to her appointment as President of the S.S.H.R.C., she was Head of the Quebec Government delegation and Director of the Centre d'études politiques et administratives du Québec (CEPAQ) at the Ecole nationale d'administration publique (ENAP).

Research Grants Competition

The Research Grants Program is designed to support scholars engaged in advanced research in the social sciences and the humanities. Grants are made toward direct costs of a project, and may include a research time stipend when justified by the needs of the project.

Applications should be submitted to this office by **October 10, 1988**. Guidelines and applications are available at this office.

The Bora Laskin National Fellowship in Human Rights Research

One fellowship is offered each year to encourage multidisciplinary or interdisciplinary research and the development of expertise in the area of human rights, especially with relevance to Canada. The value of the award is \$45,000, with an additional research and travel allowance of \$10,000.

The deadline for applications is **October 1, 1988**.

SENATE RESEARCH COMMITTEE

The Senate Research Committee provides modest support for research projects, conference travel and other research-related activities at Lakehead University. The Committee awards funds on the basis of merit, need and the availability of funds; some consideration is also given to providing support for new faculty and for seed money for research in new areas.

Deadline dates for application for research projects (for funding up to \$2,000) are **October 10** and **March 10**; for conference travel (national and international), **September 15**, **January 15**, and **May 15**; for support of a visiting scholar, **October 10** and **March 10**. Guidelines and application forms are available from departmental secretaries or from the secretary to the Committee, Mrs. Uta Hickin, UC-2003, ext. 8283.

GRANTS AND CONTRACTS AWARDED

Congratulations to Dr. Brian Lorch (Geography) and his collaborator, Mark Smith, who were awarded a Social Sciences and Humanities Research Council grant for a project entitled "Consumer Behaviour Associated with Downtown Shopping Malls". The project is designed to assess the appropriateness of the use of malls as a tool for revitalizing central shopping districts.

Dr. G. Hazenberg (Forestry) was awarded a grant through the Association of Colleges and Universities (AUCC) Fund for the Support of Modest-size Projects. The grant will provide

funding for a planning mission to the Makerere University of Uganda. This micro-fund supports planning missions to Third World countries to aid in the development of projects which then can be submitted to CIDA or the International Development Research Centre (IRDC) for funding. The next deadlines for application are: **October 1, 1988**; **January 15, 1989**; and **May 1, 1989**.

Dr. Barbara Kronberg (Geology) was

awarded a research contract by the Ontario Ministry of Natural Resources to collect and analyze vegetation and soil samples in the vicinity of Thunder Bay.

Dr. Kronberg will be testing the hypothesis that cadmium levels are significantly different and higher in the immediate vicinity of the major highways in Northwestern Ontario than in other parts of the province.



FUNDING OPPORTUNITIES

The Easter Seal Research Institute of Ontario

The Institute offers grants for research and development and professional training in the prevention, treatment and management of physical disabilities in children. The Institute is interested particularly in supporting research relating to cerebral palsy, spina bifida, neuromuscular disorders, acute brain damage and long-term sequelae.

The next application deadline is **October 15, 1988**.

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

The Corporation 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.

Deadline for application is **October 3, 1988**.

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

The Ministry's Lottery Research Grant Program supports applied research and program evaluation projects concerning developmentally handicapped, elderly, physically disabled persons. Priority is given to issues which concern community living and to projects which involve collaborative efforts between agencies.

Application deadline is **October 14,**

Ontario Mental Health Foundation - Research Programs

The Foundation sponsors a number of research grant and training programs designed to improve and enlarge the knowledge required to promote mental health and to prevent, treat and cure psychological disorders.

Applications for Research Project grants (for 1-2 years, at up to \$75,000) and for Equipment grants must be delivered to the Foundation by **September 30, 1988**. Applications for Small Research Project grants (up to \$15,000), for the support of pilot studies, feasibility studies or partial tests of a novel hypothesis, are due at the Foundation by **October 31, 1988**.

Ontario Mental Health Foundation - Special Competition in Applied and Community Mental Health Research

The Foundation is offering a special competition designed to stimulate applied research and research in community mental health, particularly in the areas of: prevention; the diagnosis, early treatment and rehabilitation of mental illness; and methods of providing care and support to the mentally ill in the community.

The deadline for submissions is **October 31, 1988**.

Association for Canadian Studies - Canadian Studies Writing Awards

This program is intended to encourage

the production of Canadian studies materials by assisting authors in the pre-publication stages (research and writing) of a book-length manuscript prepared for publication. Priority will be given to manuscripts dealing with one of the following themes: Canada as a northern country; the Canadian cultural context; the Canadian social context (including social history); Canada and the new technologies; Canada in an international context; Canada and the North American economy.

Application deadline is **Nov 15, 1988**.

Further information about these and other sources of research funding is available at the Office of Graduate Studies and Research.

OTHER NEWS

Ontario Ministry of the Environment - Excellence in Research Awards, 1988

In an effort to encourage research and to recognize excellence in research, the Ministry, for the first time in 1987, made four awards available to recognize those people whose work was judged to have provided leadership in the field. The awards program has now been expanded to include the work done by graduate students.

Lakehead University nominated **Marc Pelletier** (Psychology) as a candidate for the award. Mr. Pelletier's research topic for his Master's thesis was "Effect of Prenatal Cadmium on the Development and Behaviour of Selectively Bred Genetic Lines of Rat", con-

ducted under the supervision of **Dr. K. Paul Satinder**.

A Canadian Polar Research Commission is Proposed

The Honourable Bill McKnight, Minister of Indian Affairs and Northern Development, has announced plans to set up a Canadian Polar Research Commission. This initiative was a major recommendation of *The Shield of Achilles*, the report of the independent Canadian Polar Research Commission Study led by Vanier Professor Thomas H. B. Symons of Trent University.

The Canadian Polar Research Commission would play a key role in the development and dissemination of polar knowledge in Canada, linking and focusing the work of existing institutions. Its main tasks will be to monitor the general state of polar research in and about the North, and to provide advice to government, industry and institutions of higher learning on a wide range of polar issues. It also will promote Canadian Arctic Sovereignty and provide Canada with a higher profile in international circumpolar research and cooperation.

This report, and the earlier report that recommended the conduct of this study, *Canada and Polar Science*, are available for review at this office.

Environmentalists visits campus

Dr. Herb Bormann will be at LU on September 21 and 22. He is an internationally renowned ecologist whose specialty is studying the impact of disturbance on ecosystems. His pioneering work on the Hubbard Brook Experimental Forest in New Hampshire has provided data for more than 700 publications. The Yale scholar will give two free public lectures on Wednesday, September 21. The first talk will be at 11:30 and will draw on the work done on the Hubbard Brook Experimental Forest. In light of the Environmental Assessment hearings now being held in Thunder Bay, his topic should be of great interest to a forest industry faced with the problem of harvesting under more wildlife and human constraints. His second talk, at 2:30, will address a global concern over widespread destruction of vegetation types. Man has thus far only been concerned with the impact on local ecosystems. Many scientists throughout the world today consider this dangerous, pointing to the global destruction of the rain forests as an example of the severity of this situation. Dr. Bormann's talk will draw attention to this global problem. Both lectures will be in the Lower Lecture Theatre. For further information contact Don Barnes, Forestry, or Peggy Knowles, Biology.

Do something good for the environment - recycle good junk by donating yours and buying back someone else's at the 3rd annual Alumni flea market on September 15

LU engineer and Innovation North working on wood-fired generator: provincial government grant provides seed \$

Dr. Martin Osterveld, professor of civil engineering, is the designing and consulting engineer and Innovation North will provide the support for the development of a small-scale, wood-fired electrical generator. Lakehead University received a grant of \$87,500 to conduct a feasibility study and develop the design over the next four to six months. Port Arthur MPP Taras Kozyna announced the grant in early August and said "a wood-powered system will greatly reduce power costs in our remote communities and create local employment". Wood chips would be burned to power a steam-driven electrical generator for isolated communities or camps not served by the Ontario Hydro distribution network. The wood-fired generator is expected to produce electricity at 20 to 25 cents per kilowatt hour, one half the cost of diesel power.

Using local wood resources, communities, tourist operators or bush camps would chip their logs and feed the chips into a boiler. The feed rate would be regulated by instruments according to the demand for power. The system would require slightly more supervision than diesel generators but repairs are expected to be needed less frequently.

Professor Osterveld says the "technology is not complicated - it's really a modern day version of the old steam engine". He feels

there are important implications for LU. The government grant provides funding to produce a working design but he's hoping that if all goes well there will be additional funding for the University to develop the working model.

Helpful research book available

The International Division of AUCC has recently completed a comprehensive guide to the operations of the International Development Research Centre (IDRC), a Crown corporation based in Ottawa, whose principal mandate is to contribute to international development through the support of research capability in the Third World. A very useful bilingual publication entitled "The International Development Research Centre: A Guide for the Canadian University Research Community/Le Centre de recherches pour le développement international: Guide à l'intention des scientifiques des universités canadiennes" is available free of charge from AUCC Publications, 151 Slater Street, Ottawa, Ontario, Canada, K1P 5N1. Tel: 613-563-1236. Faculty who wish to peruse this new publication may view copies at either the Information Office SN1002 or see Trish McGowan, Research Officer UC2002B.

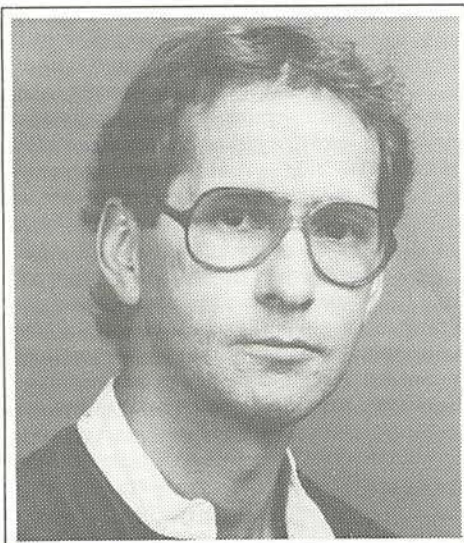
FACES ON CAMPUS

correction



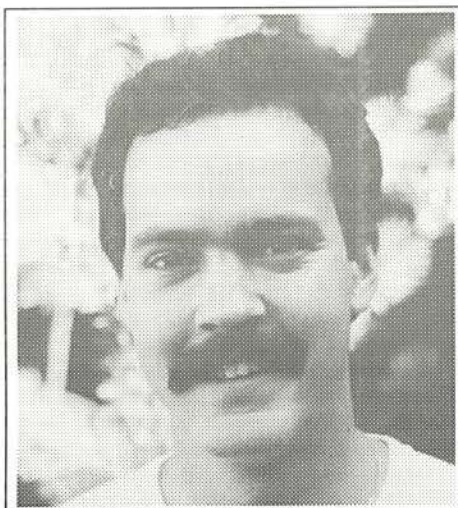
Heads are going to roll if the AgorA staff cannot get the right "heads" together with the appropriate write-up. Our apologies to **Leila Wallenius**, shown above, who made her LU debut posing as Janice Causgrove. Ms. Wallenius has happily settled into her new position as Information Librarian as reported in the July issue.

new on campus



Dr. James J. Ryan, (above) has joined the School of Education as an assistant professor. He recently received his PhD from OISE with concentrated study in native education. He will be instructing in the educational administrative area (theory and research) and supervising student teaching. Dr. Ryan received his BPE from Ottawa University, a bachelor of education from Queens and his MEd from Memorial University. He taught in Labrador for 10 years and conducted extensive research on the Inuit. He says he hasn't had much free time lately but looks forward to settling into Thunder Bay with his wife and young children. Welcome!

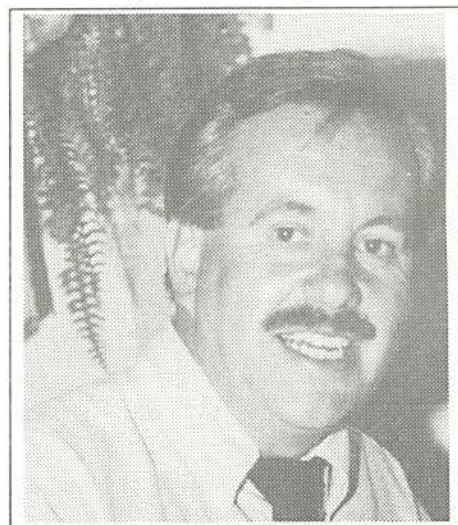
Janice Causgrove will commence her second term at Lakehead University with the Department of Physical Education and Athletics. She is from Red Deer Alberta and received her masters from the University of Alberta. Her special areas of study are adaptive physical education which includes program development for people with special needs. Calling it a "busy first year" Causgrove taught first and second year physical education courses and found time for tennis, theatre, visiting a few parks in the area, and paddling a 36-foot canoe in Fitness Challenge '88.



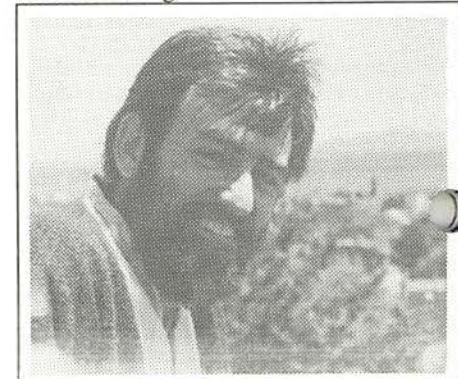
Eric Klein, above, is the new technologist in the School of Outdoor Recreation. He calls himself a "mellowed out" outdoor rec'er. He's an LU grad from the HBOR and geography degree program (1985), and a graduate of the Bachelor of Education program in 1987. He spent the past year supply teaching and selling computers and admits he liked the call of the "steady job." His position entails all aspects of equipment: education, usage and repair. His first major task is to help the school director, Tom Stevens, develop a totally computerized inventory system. (Watch out for talking sleeping bags.) He will also assist with the development of computer courses for students to develop computer skills and develop course materials and promotional literature. In addition to automating the sign-out system, the job involves preparing equipment and food for field trips, maintenance of equipment for practicals, support services for equipment courses and designing and making custom-made articles for the outdoor recreation program. Sounds like a challenging job for a talented LU grad.

Dr. Paul Gallant, top right photo, is the smiling new face in the Department of Social Work. Born in Summerside, PEI, he got his early education in eastern Canada (BA, St. Thomas University, MSW, Dalhousie) before heading to Florida State University to earn his PhD in Marriage and Family Therapy. Previous work experience includes 5 years in Summerside as a counsellor at a psychiatric hospital and managing director of a Family

Service Agency in Moncton, New Brunswick. Dr. Gallant is interested in training programs and possibly some private practice in the not-so-distant future. Dr. Gallant will look after 3rd and 4th year placements as the Field Coordinator in addition to his Distance Education course in Geraldton. He's an avid golfer but also hopes to get skiing.



Dr. Bob Payne, below, got right into the thick of things in the School of Outdoor Recreation by leaving on a 2-week field trip to B.C. a week after his arrival. His recent teaching assignment was at Ryerson Polytechnical Institute where he taught recreational geography to "career minded" students. Payne received his MA from the University of Guelph, MA from the University of New England, and PhD from the University of Calgary. He started research in the human dimension of wildlife management and wants to continue that research at Lakehead. He provided expert consultation on non-timber values which will become part of the written submissions by Forests for Tomorrow at the Class Environmental Assessment for Timber Management on Crown Lands in Northern Ontario. Very excited about living in Thunder Bay, Payne says "the challenge is to be involved in teaching and research in the context of northwestern Ontario. It's a young school and the opportunity is there to encourage the love of outdoor recreation - to move and change and grow". He has high praise for the enthusiastic students he has met already and says "they'll inspire the pros, they're second to none". He lists recreational activities as hockey, squash, hydroponics, birdwatching. There is a rumour, however, his special love is white-water canoeing.



papers/publications & special projects



Gerd Schroeter, Department of Sociology, published a review essay on social research in Germany between 1872 and 1933 in the July issue of *Journal of the History of the Behavioral Sciences* (Vol. 24, No. 3). At the end of May he presented a paper entitled "Social Stratification in Weimar Germany and Extremist Politics: The Pioneering Work of Theodor Geiger" to the biannual meetings of the Research Committee on the History of Sociology (affiliated with the International Sociological Association), held in Madrid. Last fall three translations of his appeared in *Modern German Sociology*, edited by Volker Meja et al. (Columbia University Press).

Professor Dennis Roddy, Chairman of Electrical Engineering, recently gave a paper on Cepstral Analysis of Sub-Surface Radar Data, at a workshop on ground penetrating radar. The workshop was hosted in Ottawa by the Geological Survey of Canada and the Federal Panel for Energy Research and Development. As well as having a strong Canadian representation, the workshop drew many participants from the USA and overseas, including the UK, Sweden the FRG and Belgium.

Dr. Norman LaVoie, Professor and Director of the School of Physical Education and Athletics, and **Mr. Steven Norris**, who received his MSc in the Theory of Coaching at the spring convocation, presented a paper at the International Conference on Exercise, Fitness and Health, held in Toronto May 29 - June 3, 1988. Their presentation was entitled "The Transient Oxygen Uptake Response as an Indicator of Sports Specific Adaptation".

Dr. Randle W. Nelson, Professor of Sociology, and **Dr. Jan Mayer** (formerly assistant professor of Sociology) published their article "The Corporate Promotion Process and the Hidden Curriculum of Class and Gender: Reply to Wexler" in *Human Affairs* (13), 1987, pp. 168-177.

Dr. Brian Lorch, Department of Geography, and **Mr. Mark Smith**, a former LU Geography student and now an employee with DELCA received a \$7,000 SSHRC grant to carry out a study of pedestrian flows associated with downtown shopping centres. This was a first application to SSHRC and the two spent the summer months on a pilot study to test their questionnaire and in September they will be ready to start data collection for the project. Their work will have a local flavour as they will be using the Keskus Mall as a case study.

Darlene Stevens, School of Nursing, presented a paper entitled, "Collective Bargaining and Nursing: An Historical Overview" at the first National Nursing History Conference held in Charlottetown, PEI on June 16, 1988. Professor Stevens also convoked from the University of Alberta on June

9, 1988 with a doctorate in Philosophy. The title of her dissertation was "Suspension and Termination of Employment among Nurses in Canada".

Dr. Laurie Garred, Department of Chemical Engineering, attended a meeting of the International Society of Blood Purification in Vicenza, Italy, to present a paper entitled "Evaluation of the Partial Dialysate Collection Method of Urea Kinetic Modelling". Dr. Garred was promoted to the rank of full professor effective July 1, 1988.

Dr. Thomas M. K. Song, Professor, School of Physical Education, Coordinator of Human Performance Laboratory, presented a paper "Effects of Three Anaerobic Tests on Venous Blood Values", at the Annual Meeting of American College of Sports Medicine, Dallas, Texas, May 25 - 28, 1988. Dr. Song also presented two papers "Serum Enzymes and Electrolytes after Three Anaerobic Tests", and "Human Muscle Metabolism during Three Anaerobic Tests", at the International Conference on Biochemistry of Exercise, in London, Ontario, June 1-4. At the International Conference on Exercise, Fitness and Health held in Toronto from May 29 to June 3, he presented a paper entitled "Serum Enzymes and Lipids after Exhaustive Rowing Exercise". Dr. Song has been carrying out a joint research project on Effects of Exercise on Cardiac Output and Effect of Electrical Stimulation on Metabolism, at Laval University in Quebec City, as a visiting research professor during his sabbatical year. His study was funded by an Ontario-Quebec project of Exchange grant and Laval and Lakehead University grants. Bonne chance, Dr. Song.

Ms. Anne Bowd, social worker at Hogarth-Westmount Hospital, and **Dr. Alan Bowd**, Professor, School of Education, had their paper "Companion Animals: A positive contribution to social work practice" published in *The Social Worker*, 1988, 56, 6-9. Professor Bowd also presented a paper entitled "Client satisfaction and normalization of residential services for retarded persons" at the annual convention of American Psychological Association, Atlanta, August 1988.

Professor W. T. Momot, Biology Department, has had many articles published and the most recent are listed: 'A Range Extension for the Crayfish *Orconectes rusticus*: Sibley Provincial Park, Northwestern Ontario', in *The Canadian Field Naturalist*, co-authored with C. Hartviksen and G. Morgan, 1988, "Exploitation of *Orconectes virilis* in Northern climates: Complementarity of Management Options with Self Regulatory Life History Strategies, Freshwater crayfish" (7), co-authored with G. Morgan, and a book chapter entitled, "*Orconectes* spp. in the USA and Elsewhere" p. 262 - 282 in *Freshwater Crayfish, Biology Management and Exploitation*, published by Croom-Held Publishers, 1988.

Dr. C. H. Nelson, Social Work, and **Dr. J. B. Minore**, Sociology, presented a joint paper entitled, "Distance Education in Northern Ontario: Technological Initiative or Technological Imperative?" as part of a session on Education and Social Change at the annual meeting of the Canadian Sociology and Anthropology Association in Windsor in June.

Dr. S. Easa, Professor of Civil Engineering, had the following referred journal papers published recently: "Improved Method for Locating Centroid of Earthwork" and "Area of Irregular Region with Unequal Intervals" and "Estimating Pit Excavation Volume Using Nonlinear Ground Profile" all in the *Journal of Surveying Engineering*, ASCE, 1988 volumes. His article "Selection of Roadway Grades that Minimize Earthwork Cost using Linear Programming" appeared in Vol. 22A, No.2, pp.121-136, 1988 of *Transportation Research Journal*.

busy in retirement

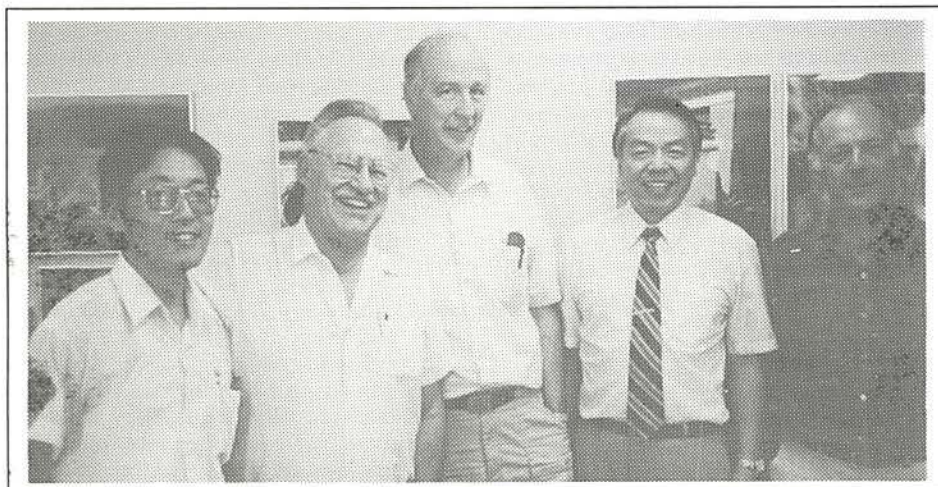
Dr. Chris Jecchinis, Professor Emeritus of Economics, has been very busy in retirement. He is President of the Institute for Labour Studies and Consultations in Athens. The Institute is an independent tripartite organization dedicated to finding solutions for contemporary labour problems through mediation in industrial disputes, and the scholarly study of labour market issues. Dr. Jecchinis is also research consultant for the Greek Productivity Centre and the Manpower Employment Agency. His recent publications include an updated version of his book on the Greek trade union movement, a chapter in the book *Greece 2,000* and an article in the March 1988 issue of the ILO Social and Labour Bulletin, both dealing with employment policy issues.

In addition to the above contributions, three more of Dr. Jecchinis's publications are scheduled for distribution in September 1988: an international survey of working conditions, labour relations and productivity, a manual on the practical aspects of personnel management, and the new pocket book edition of his 1960 war book *Beyond Olympus*.

Dr. Jecchinis has also been presenting papers at international conferences, and is scheduled to present a paper to the International Round the Table conference in Belgrade on the impact of new technology on labour-management relations (Sept. 12-15, 1988).



visitors on campus



The Consul General of the People's Republic of China, Mr. Liu Dian-Qiu, was at Lakehead University of August 18 and 19 to visit the School of Forestry and meet with Chinese students and "visiting scholars" who are working at LU. Mr. Liu enjoyed a walking tour of the forestry facilities and an informal meeting with faculty. Shown above, from left to right, are Mr. Luo Ru-Ying, visiting scholar, Dr. Will Carmean, Dr. A. Kayll, Mr. Liu, and Dr. G. Hazenberg.

appointments

Dr. John Whitfield, Chairman of the Silver Jubilee Committee, announced the appointment of **Dr. George Merrill** as Co-ordinator of the 25th Anniversary Celebrations. Dr. Merrill's long association with and keen interest in the University combined to make him the perfect candidate to develop, monitor and co-ordinate the upcoming celebrations. If you have any ideas which could become part of the activities for the Silver Jubilee, please forward them to Dr. Merrill in the Department of English or to Mrs. Linda Phillips, Assistant Co-ordinator, in the Office of the President.

Dr. Frederick Homes, Department of English, has been appointed to the Professional Concerns Committee of the Association of Canadian University Teachers of English. Their task for 1988-89 will be to compile a list of fellowships, awards, research grants and scholarships available to graduate students of English in Canada. They also plan to supply a commentary which would characterize the features of successful grant applications.

new baby faces

Ina Chomysyn (Resource centre for Occupational Health and Safety) and David Sedor proudly announce the arrival of their beautiful daughter **Kyra Aalen** on March 11, 1988.

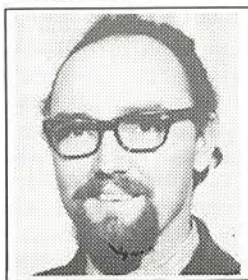
who?

To maintain our sense of humour in the Information Office, we have initiated a new column which looks suspiciously like the product of the "old files" drawer. If you have any "guess who" photos in your possession, we'd love to share them with the University Community. It might be fun to ferret out photos that are at least 25 years old!



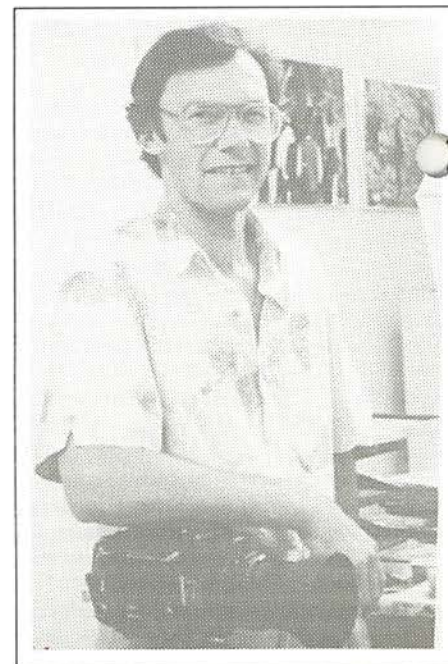
new information officer

Katherine Shedden has been appointed Co-ordinator of Information and Promotion Services. She served as the assistant to the Information Office for the past year and says "I feel like I've finally found the perfect job." She has a BA and teaching certificate from the University of Saskatchewan. Her journalism background includes experience as a reporter, freelance writer and editorial assistant. "The University setting is exciting; no two days are ever the same. The people at Lakehead are interesting and the job presents a challenge I look forward to. The new promotional activities are perhaps the best part. I call Lakehead 'the little University with a big heart' and I can't wait to tell the rest of the world about the energy and vitality here".



- a) Freud
- b) Bill Melnyk
- c) Rasputin
- d) Machiavelli
- e) Peter Sellers

Peter Puna is the new full-time photographer. With a permanent smile on his face and boundless energy, he goes about his new duties with enthusiasm and a dedication to excellent photography. His inauguration included a trip in the Zodiac out on Lake Superior to shoot the McKenzie Expedition promotional package. Peter's work will include formal photography in his lab, capturing the "spirit of LU" around campus, location work for the Agora, slide preparation for faculty and photographic assignments as required by the various Departments and Schools. Peter was born and raised in Thunder Bay and graduated from the 4-year photographic arts program at Ryerson. He has worked in studios in Toronto, freelanced and currently teaches photography at night school at Confederation College. This talented man is also a member of the Thunder Bay Magic Circle and Magic Castle in Hollywood, a private club for magicians to perfect their art. He has been working on his magic skills for about 10 years and especially enjoys his yearly trips to Hollywood where he can work with the masters. We're happy to have you on stage at LU Peter - poof! here's your picture.



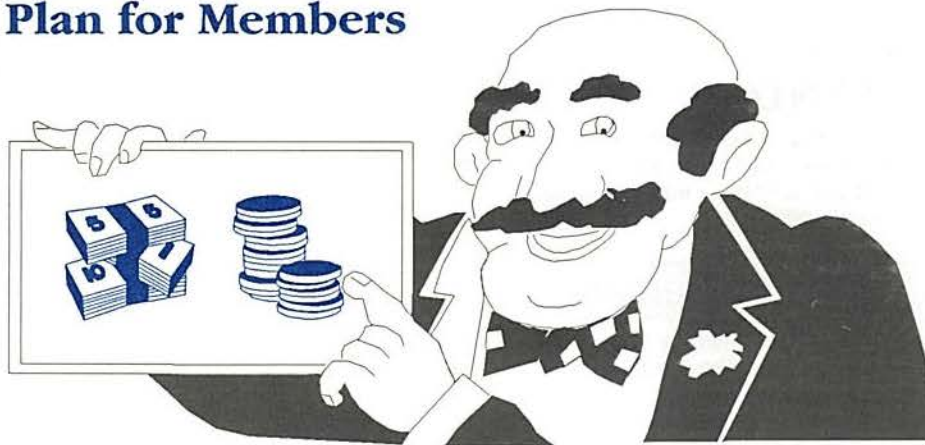
Great Canadian Peanut Challenge

Dr. R. G. Rosehart is the Honorary Chairman of the 1988 Peanut Campaign for the Thunder Bay Chapter of the Kidney Foundation of Canada. The Kick-Off for this year's campaign is on September 11 at LU. The goal is to raise \$30,000 for medical research, patient services and public education. This unique fundraising event will benefit more than 1 million Canadians suffering from kidney disease. Buy your peanuts on campus September 11.

update: New Pension Plan for Members and Spouses

(Our current pension plan is under a major revision. Subject to the approval of membership and the regulatory agencies the following provisional information is provided as "one man's opinion")

A. Akram.



As you know a major revision of the Retirement Plan of Professional Staff of Lakehead University is being undertaken. Services of a new Actuary (Turnbull and Turnbull of Winnipeg) were retained for this purpose on 3 Feb. 1988.

The plan will be administered by a Board of Trustees. Members of the plan will have a majority on the Board of Trustee. In other words, we manage our own pension plan.

Accounts: Each member will have four accounts. The Required Contributions are credited new on a monthly basis for investment.

Surplus: The current plan has a huge surplus. This will be distributed to members (including pensioners). Accounts will be calculated retroactive to 1965 or the date of your employment.

Benefits:

1. There is a minimum guarantee. Your benefits will not be less than those under the current plan.

2. At retirement, normal, early or postponed, you are entitled to a pension based on the accumulated value of the four accounts (I hope it will be called money purchase account), a deferred pension or pension. You may receive the value of the four accounts in a locked-in RRSP. You are vested after two years of employment. That means that if you leave the employment of the University, you are also entitled to receive the account #3. The rules are that you arrange to make a

direct transfer to the plan of the new employers or in a prescribed retirement saving arrangement (locked-in RRSP).

Though a locked-in RRSP arrangement is subject to the Income Tax Act, you can manage your own funds. You can use as much as you need, the rest will earn income, tax free. At age 71, you must either purchase a pension from an accredited institution, for example, an insurance company or start a RRIF (Registered Retirement Income Fund). Revenue Canada's Pension and RRSP Guide gives a summary of these rules. You should pick up a free copy from your local Income Tax office. The New Pension Plan plans to provide pensions from the Fund. However, the choice to receive a pension from a financially sound insurance company or another institution is a matter of choice.

3. At termination, if you are vested, you are entitled to receive a deferred pension or arrange to have a direct transfer of your money purchase account to a locked-in RRSP or in to the pension plan of the new employer.

4. On the death of a member, the spouse may receive a lump sum (and pay income tax) or receive a tax free direct transfer to an RRSP. If a member does not have a spouse, the beneficiary of the Estate will receive the accumu-

lated value of the Accounts.

This is a major change in the new plan. Previously, the spouse or the estate did not receive the value of University's share of contributions.

Other Information: Spouses' rights are protected under the Provincial Family Law Reform Act. Unless the spouse signs a waiver, the spouse is entitled to at least 60% of survivor benefit. On marriage breakdown, the spouses have certain rights to the pension fund.

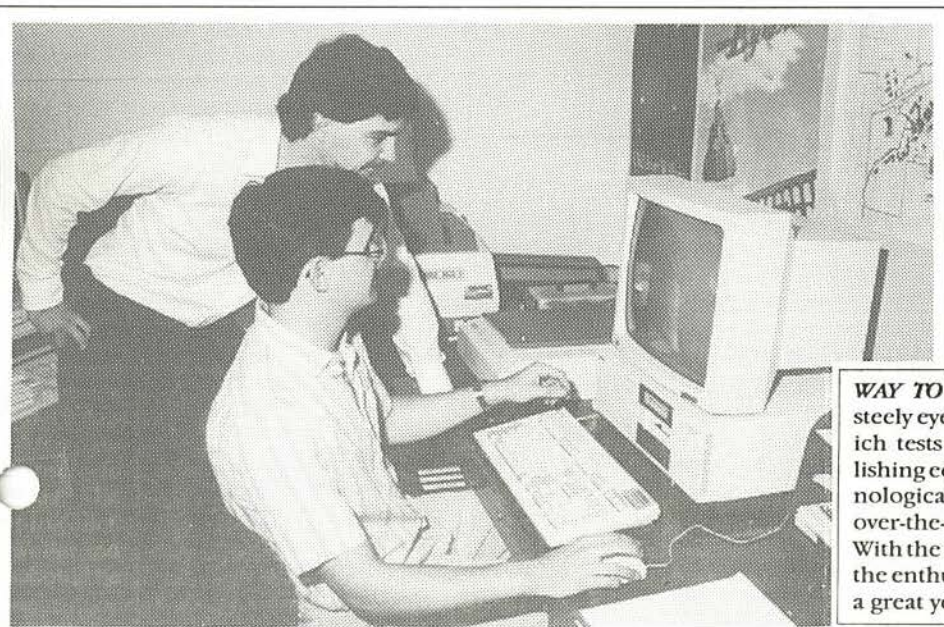
MORE INFORMATION?

1. **YOU AND YOUR SPOUSE** have the right to receive extensive information about the pension plan, annual statements, an updated complete pension account etc.

Your rights are protected under Section 25, Section 30 of the Pension Benefits Act and Ontario Regulations 708/87. You should make a written request for information, always with a copy to the Pension Commission of Ontario, if you are serious about receiving this information. You have a right to inspect and make photocopies of documents. You may have to pay a nominal fee.

You are entitled to inspect the documents filed with the Pension Commission of Ontario during business hours of the Commission.

As a member, you and your spouse are entitled to receive a copy of the Pension Benefits Acts 1987, and the Regulations of the Pension Benefits Act (Ontario Regulation 708/87) from the Pension Commission of Ontario (101 Bloor Street, West, 9th Floor, Toronto, Ont. M7A 2K2). The Act is also available in the University library. The Regulations are published in the Ontario Gazette, which is also available in the University library.



WAY TO GO ARGUS! With one hand on the mouse, a steely eye on the screen, Production Manager Brad Salavich tests out some of the new computerized desktop publishing equipment which makes the ARGUS the most technologically advanced student newspaper in Canada. The over-the-shoulder boss is Graham Strong, Editor-in-Chief. With the new toys, the artistic talents of Duncan Weller and the enthusiasm of the rest of the Argus team, this should be a great year for a great newspaper.

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.

SEPTEMBER

TUESDAY 6 - SATURDAY 17

Forestry Field School for all Forestry degree and diploma students

WEDNESDAY 7 - SUNDAY 11

H.B.P.E. III - Camp School

SUNDAY, 11

LUSU FILM NIGHT

"Above the Law"

8:00 pm

UC Theatre (UC 1017)

\$1.50 Students, \$2.00 others

MONDAY, 12

Final date for submission of supplemental examination results for Forestry students

WEDNESDAY, 14

FREE CONCERT

Noon in the Agora

Dave Smyth

AIESEC POSTER SALE

Outside Main Cafeteria

BARBEQUE

5 pm

Lake Tamblyn (behind the University Centre)

THURSDAY, 15

MEETING

Board of Governors

4 pm

Senate Chambers

ALUMNI SERVICES PRESENTS

STUDENT FALL FLEA MARKET

Truly, the sale of the century

Good and great junk

10 am - 4 pm

Grounds of Alumni House

Donuts & Hot dogs available

Donations still accepted

FRIDAY, 16

ANNUAL DINNER

Board of Governors

6 pm

Faculty Lounge

MONDAY, 19

FREE STUDY SKILLS SEMINAR

Time Management

7 - 8 pm

BB 1021

TUESDAY, 20

VICE-PRESIDENT'S

INTERNATIONAL RECEPTION

All Visa Students and International Students

Faculty Lounge

4:30 - 6 pm

President & Deans to host reception

(sandwiches & refreshments)

Questions and information time

FREE STUDY SKILLS SEMINAR

Listening & Note Taking

7 - 8 pm

BB 1021

WEDNESDAY, 21

*** SPECIAL EVENT***

FREE PUBLIC LECTURES

SPEAKER: Dr. L. H. Bormann

Yale ecologist

Topic: "Disturbance and recovery of northern ecosystems"

11:30 to 12:30

"Reducing the Global ecological deficit"

2:30 pm - 4:30

Lower Lecture Theatre

FRIDAY, 23

ACADEMIC SCHEDULE

Final date for late registration, changes and addition of courses for all students except forestry

MONDAY, 26

MEETING

Senate

2:30 pm

Senate Chambers

FREE STUDY SKILLS SEMINAR

Text Book Reading

7 - 8 pm

BB 1021

WEDNESDAY, 28

LUSU FILM NIGHT

"Good Morning Vietnam"

Robin Williams

8:30 pm

UC Theatre (UC 1017)

\$1.50 Students, \$2.00 others

THURSDAY, 29

LUSU FILM NIGHT

"Good Morning Vietnam", Robin Williams

8:30 pm

UC Theatre (UC 1017)

\$1.50 Students, \$2.00 others

FRIDAY, 30

MCMASTER MEDICAL SCHOOL TEAM

Meeting for students

interested in entering

medical school

Senate Chambers

2 pm

For further information contact:

Tony Cappello:

343-8515

AEROBICS

Noon - Faculty, Staff & Students

Auxiliary Gym, C.J. Sanders Field House

Mon. 12:30 - 1:30

Wed. 12:00 - 1:00

Fri. 12:00 - 1:00

\$10.00 per person -

Make Cheques payable to Lakehead University.

OCTOBER

MEETING

Monday, 3

Alumni Board of Directors

7:00 pm

Little Dining Room

PUBLICATION DEADLINE

The October AGORA will be published the first week of October. Deadline for submission is September 20.

Agora

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Director of Community Relations:

John Russell

Editor: Katherine Shedden

Secretary: Flo Sherren

Photographer: Peter Puna

Graphics: Debbie Tew, Linda Siskar

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Address all correspondence to:

Katherine Shedden

Co-ordinator of Information and

Promotion Services, Room SN1002,

Lakehead University, Oliver Road,

Thunder Bay, Ontario, P7B 5E1

(807) 343-8631 or 343-8300.

celebrating
our Silver Jubilee

