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Happy New Year

Lakehead

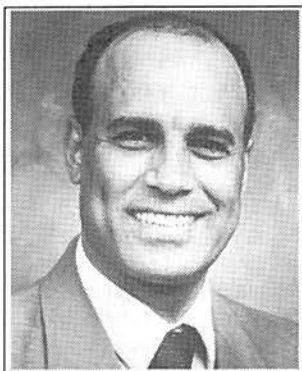


University

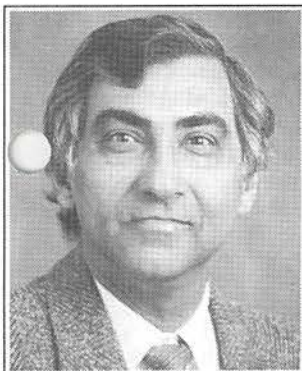
Agora

THUNDER BAY, ONTARIO VOL. 8. NO.11 DECEMBER 1991

Engineering Professors Named Distinguished Instructor and Distinguished Researcher



Dr. Said Easa



Dr. Ali Mirza

Dr. Ali Mirza and Dr. Said Easa, both professors from the Department of Civil Engineering, have been accorded distinguished awards by the L.U. Senate Committee.

Dr. Ali Mirza has been awarded the Distinguished Instructor Award for 1991/92 by the Senate Committee on Teaching and Learning. Dr. Said Easa has been honoured with the Distinguished Researcher Award by the Senate Research Committee.

Dr. J.G. Locker, Director of the School of Engineering, said "they are both exceptional teachers and researchers and are classic examples of faculty whose research

and teaching compliment one another. In addition, they are both major contributors to very significant North American engineering design/research committees. Consequently, they bring substantial recognition to our School of Engineering and Lakehead University."

Dr. Claude Johnson, Chair of the Department of Civil Engineering is proud of the achievements of his colleagues. "They are both very deserving of their respective awards. It is an honour for the Department of Civil Engineering to have two members of its faculty receive both of these awards in the same year. This helps

to recognize and emphasize the high quality of the Civil Engineering program at Lakehead University."

Dr. John Whitfield, Vice-President (Academic) announced the awards this month following his acceptance of the Senate Committee's recommendations. Dr. Whitfield has invited both recipients to give a public lecture on the topic of their choice in the new year.

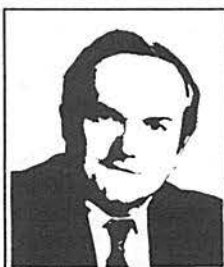
Dr. Said Easa has been at Lakehead University since 1982. Following the completion of his undergraduate degree in at Cairo University,

Continued on page 8



Registrar's delight! Pentti Paularinne is still working with the 1991-92 enrolment statistics but he took time for the early registration of Peter, Monika, Anna and Robert, the Thunder Bay quadruplets born to Dorota and Marion Borowiec six months ago. The babies were presented with entrance scholarships at the launch of the Share Our Northern Vision.

Report From the President



Dr. Bob Rosehart

Vandalism and Violence

As noted recently in the Argus, there have been increasing examples of senseless vandalism on campus in recent weeks. One would hope, at least considering the privileged position that university graduates and students enjoy in society, that none of our students are involved. This may be wishful thinking on my part, but it is important that all parts of the university community work hard to stamp out such wasteful acts. I would sincerely ask all of you to promptly report any suspicious activity to either Security or the Thunder Bay Police.

It is somewhat discouraging to have to write on this topic at the time of the 2nd anniversary of the Montreal massacre. This past week saw a violent assault against a female student at Humber College in Toronto. Lakehead University has worked along with L.U.S.U. during the past few years on a variety of projects to improve safety on this campus, but the job is not complete. More needs to be done. Each and every one of us needs to be more aware of the issues and to keep our eyes open. Increasingly, domestic violence and relationship violence are being identified as major causes of violent incidents against women.

We have at Lakehead University, through our Student Services' Department, an Employee Assistance Program, excellent psychological and other types of counselling. If either you or a friend is a victim, seek out help.

On campus, increasing incidents of violence (fighting) seem to be tied closely to alcohol consumption. L.U.S.U. is making a serious effort to improve the situation, but it is not easy. Activities on this campus, in many ways, emulate the general problem of Canadian society. I must admit, however, that my patience is wearing a bit thin on this topic.

Teaching and Research Awards

For the past few years, Lakehead University, through a peer review system, has awarded both a Distinguished

Teacher and a Distinguished Researcher Award. The judging is very competitive, and I would like to offer special congratulations to Dr. Said Easa and Dr. Ali Mirza.

What is unique and somewhat of a statistical rarity, I expect, is that both winners this year are from the Civil Engineers' group within the School of Engineering. Congratulations to both the individuals and the School.

Provincial Funding Restraint

Nothing of substance to impart at this time other than the continuing storm clouds put out almost daily by the Premier and the Treasurer of Ontario. We have been meeting with various groups on campus and, as well, have had a general open budget planning meeting to alert all of you to the fiscal climate we face for the 92/93 year. The extent of our budget challenge will not be known until the Treasurer makes his annual transfer payment and tuition fee announcements, but one can suspect that we will be collectively making some tough decisions in the coming months. This, in reality, is not too surprising when you look around at the impact of this extended recession on the general community and other members of society.

Visual Arts and Music Building

This project is really beginning to take shape with the expected completion date being March of 1992. I had a tour recently, and it looks quite interesting inside.

Special Thanks to Norma Gibson

I would like to offer special thanks to Norma Gibson and her volunteers who have worked hard and successfully again this year on the annual children's Halloween and Christmas Parties. These events are very important to the younger generation of the Lakehead University family, and Norma deserves a special vote of thanks for her continuing efforts on our behalf.

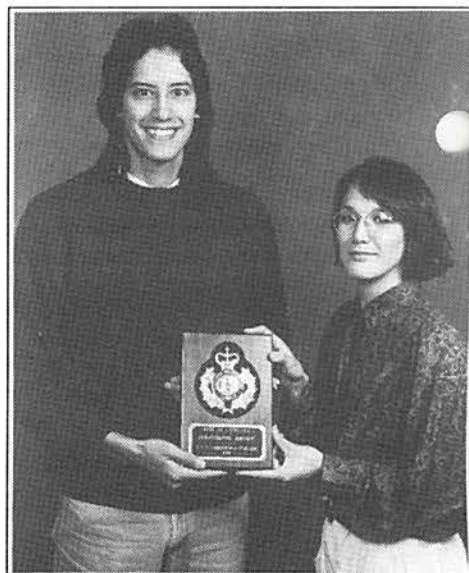
Christmas Party Reminder

The annual Christmas Party will be held at the DaVinci Centre on Thursday, December 19. Music will be provided by The Diplomats.

Happy Holidays and Best Wishes for 1992

The festive season is a very special time, and I wish all of you and your families a very safe and happy holiday.

Most of the Rosehart family members are going to take a short vacation at Christmas to recharge the batteries to get ready for what promises to be a challenging 1992.



A Lakehead University/Dilico Child and Family Services entry in the O.P.P. Christmas Parade held on Saturday, November 30th won the award for the Most Colourful Entry. The float entitled "Our Children: The Greatest Gift" was a collaborative effort by the Office of Native Programming, Native Support Services, the Native Student Association, and Dilico Child and Family Services. Gammondale Farms generously provided the free use of a wagon for the float. Meladina Hardy, Coordinator of Native Programming and Gord Bruyere, Coordinator of Native Support Services are shown here with the award.



The Spirit of Giving. School of Business Director Ken Hartviksen, Lisa Amerio, Glenn Black (seated) and Jason Stoppel are buried in food donations. Business students collected the food for the Norwester Wrestling team's fundraising tournament for Shelter House/Thunder Bay.

Around Campus

Enrolment Up -AGAIN

Although final fall enrolment figures are not yet available, Lakehead University's full-time enrolment increase is likely to be the highest in the Ontario system for the second year in a row. As of November 20, 1991 there were 4,706 full-time students registered at LU, a 10.8% increase over last year. The biggest jump in enrolment (25%) was in the part-time graduate student category. The full-time first year statistics reveal a 9.4% increase from 1,442 to 1,578. The enrolment increase in Arts programs is around 12% which includes programs where arts is a component of a Professional Studies degree as with the BA.BEd and HBOR programs. There continues to be pressure in the School of Education where the Office of the Registrar received 4,700 applications for the 250 available positions. Competition is also stiff for the concurrent education program. Other notables:

- withdrawal rates are significantly lower for full-time students
- there are slightly more males (57.2%) attending full-time than females (48.4%)
- 73% of our students are under 30 years of age
- there are 48 students over the age of 60
- Malaysia is the country with the greatest number of international

students attending (40)

- An additional 215 students met graduation qualifications and became alumni this fall. There were 140 degrees undergraduate degrees issued in Arts and Science, 51 in Professional Studies and 24 graduate degrees.
- 4% increase in the number of Thunder Bay and Northwestern students over last year which represents 52% of our student population.
- modest increase of 1.6 per cent in the number of part-time students
- slight increase in number of Forestry students, co-op option is a factor.
- steady decline in the number of international students. Lakehead had it's highest number of international students in 1984 with 400 which represented more than 12% of our total enrolment. In 1991, there are 124 full-time students.

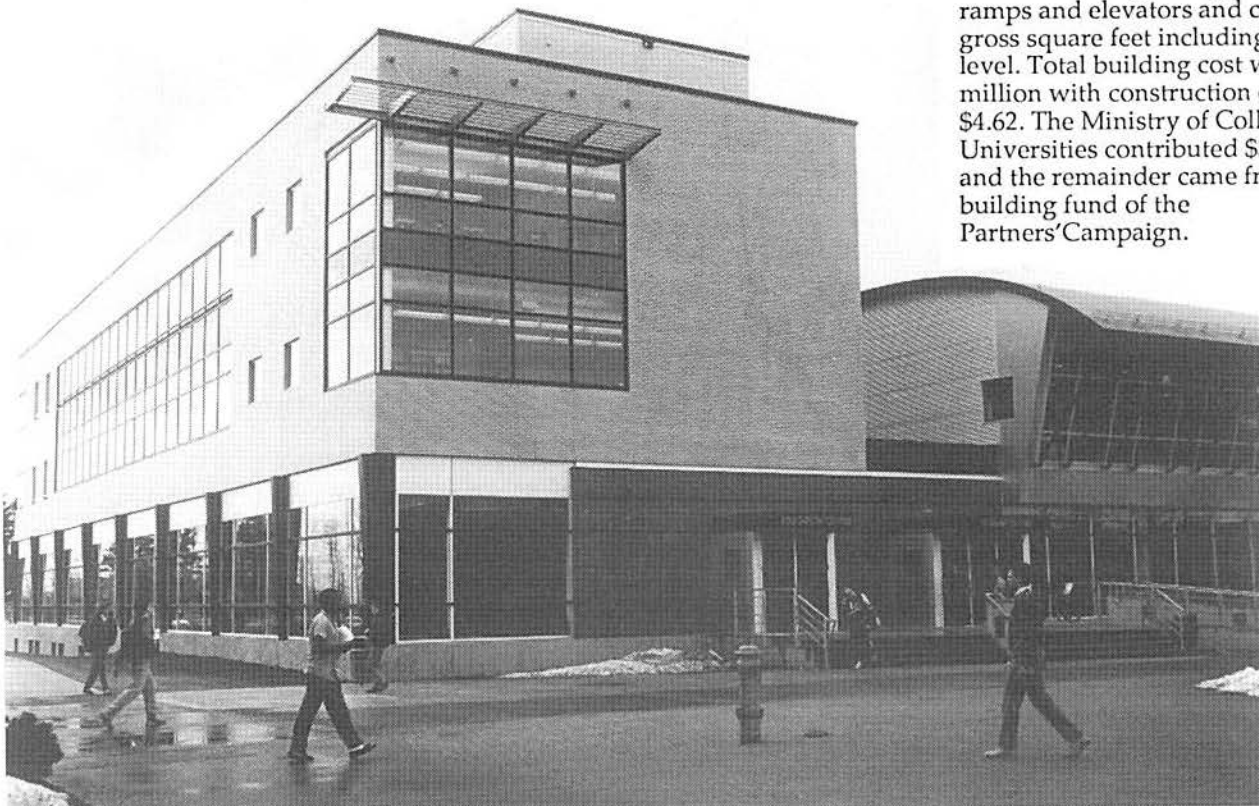
Canadian Stats

Preliminary enrolment figures from AUCC suggest that for the Fall of 1991 the number of university students attending Canadian universities will increase for the 12th consecutive year to 550,000 for a 3.3% increase over last year. The graduate student enrolment across Canada increased by 6.5%, double the increase in 1990. The Atlantic provinces experienced the highest percentage of increase at 5% followed by Quebec at 3.7%, Ontario at 2.6%, the Western Provinces at 1.3%.

"Regional Centre" Opens

On November 21 Robert Paterson, Chairman of the Board of Governors, officially opened the 3-storey structural steel and brick building which has been renamed the Regional Centre. Estimated to be used by more than 1,700 students every day, the Regional Centre is also home base for the staff who coordinate programs for more than 600 students taking 58 courses at 18 sites across Northwestern Ontario. An additional 450 students who take degree courses off campus through correspondence courses enhanced by teleconferencing and home study packages are also serviced from this facility. Continuing and Distance Education Departments occupy the lower level where you will find a tiered classroom seating 100 and offices for the Director of Student Services. Offices below street level are connected to the underground tunnel system which joins the new student centre, Braun Building and library. The main floor is exclusively classrooms and features two 70-seat classrooms and one 100-seat classroom. It is at this level that a concourse joins the building to the rest of the university. The second floor includes the offices of the Department of Geography, a photo interpretation lab, computer lab, soils lab, part of the map library and a 70-seat classroom. The third floor contains the Departments of Economics and Social Work, seminar rooms and the rest of the map library.

The building is fully accessible with ramps and elevators and contains 29,500 gross square feet including the lower level. Total building cost was \$5.4 million with construction costs totalling \$4.62. The Ministry of Colleges and Universities contributed \$3.5 million and the remainder came from the building fund of the Partners' Campaign.



WHAT'S HAPPENING IN THE LIBRARY!

INTERLIBRARY LOAN

Over the past few years, the rapidly escalating cost of journals has forced most university libraries to cancel periodical subscriptions. Students and faculty can obtain access to articles from these cancelled journals by obtaining a photocopy of the article from a library that subscribes to the journal.

There is normally no charge to the user to obtain a book through interlibrary loan. There is, however, a charge for journal articles. The reason for this is that libraries do not lend the actual journal but rather make a photocopy of the requested article. The charge is designed to cover the photocopying costs of the lending library. The current agreed rate for photocopy charges between Ontario university libraries is \$4.50 for 1 to 30 pages. In most other university libraries this charge is passed on directly to the person requesting the material. At Lakehead, we subsidize the service charging the borrower only a flat rate of \$1.00 per article requested.

One of the major drawbacks of the present Interlibrary Loan service is the length of time it takes to obtain a journal or book from another library. A recent development which promises to speed up this service is the availability of hardware and software which will allow the scanning and transmission of journal articles over the ONET, a high speed data line linking Ontario universities. This new development has the potential to make this valuable service even more useful to library users.

Meet the Authors and Book Signing

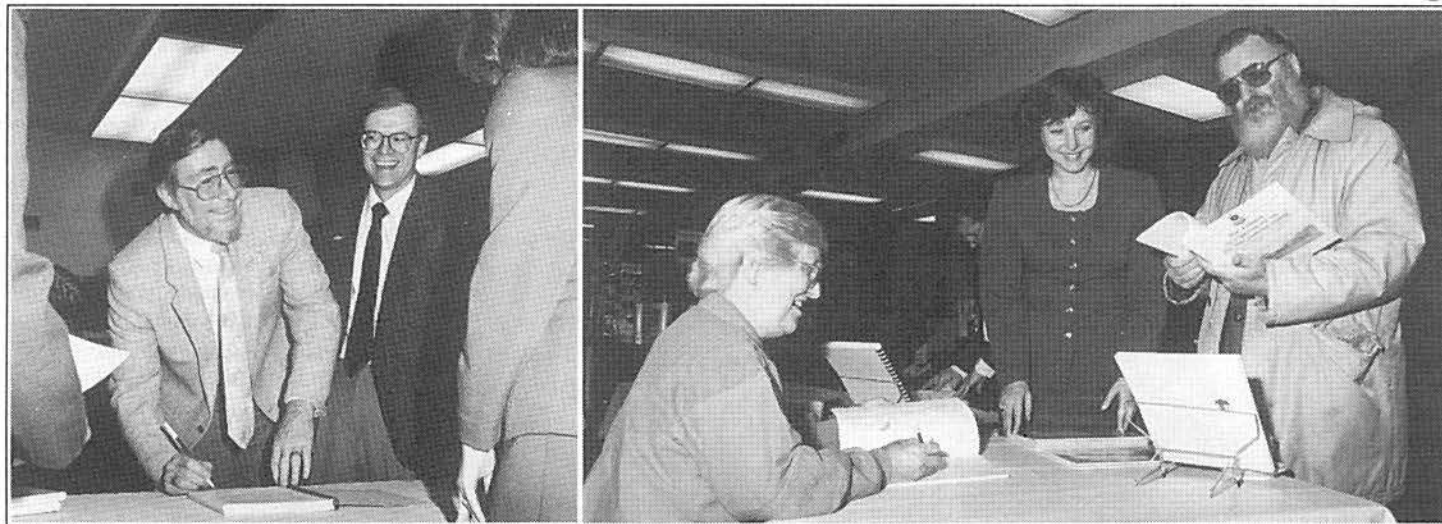
Professors Brian Lorch and Brian Phillips joined LU alumna and historian Elinor Barr for a "meet the authors and book signing" sponsored by the Alumni Bookstore on Wednesday, November 6. Their books were published by the Centre for Northern Studies and will be of interest to residents of Northwestern Ontario.

The Frontier as Experienced on the Precambrian Shield: A Study of Ignace, Ontario from 1883 to 1908, written by Barr, is a study of the railway community of Ignace in its formative years and documents the experiences of pioneers on a non-agricultural frontier. This dissertation is a companion to her previous work *Ignace: A Saga of the Shield*, which is now out of print.

The Census Atlas of Northwestern Ontario, by Lorch and Phillips of the Geography Department, is a comparative analysis of demographic, social and economic characteristics of communities in Northwestern Ontario. The text is supplemented by a series of 40 maps and diagrams based on data from the 1986 Census of Canada.

Bookstore Manager Becky Hurley was delighted with the turnout and plans to hold similar events throughout the year. "It gives the students and other interested people the opportunity to meet the authors and discuss the works. We also want the public to know that our bookstore has a fine collection of books, both academic and for general interest reading."

Autographing copies of new publications is a much happier task than researching or writing as witnessed in the photos below. Elinor Barr also attended a book signing in Ignace following the Thunder Bay launch. Professors Phillips and Lorch share a good laugh with bookstore host Lori Fleming and Karl Wahl, far right, acquisitions librarian at Waverley Public Library.



CHRISTMAS TREES AND DECORATIONS



The cheerful decorations you plan to use to brighten up your premises and bring a special warmth to the approaching holiday season can pose a serious fire hazard if not handled with care.

In the interest of safety, please be

reminded that all decorations used must conform to the following University guidelines:

- * natural trees are NOT to be used in a licensed area or a place of public assembly
- * artificial trees must be flame-retardant and bear the ULC seal of approval
- * electric lights used for decoration should bear the CSA seal of approval

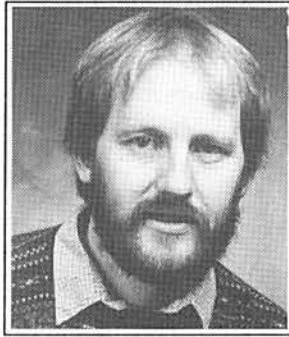
and light cords and extension cords must be in good repair

- * streamers and decorations should be fire-retardant

If you have any queries on this matter, please feel free to contact Mrs. Marion Muldoon, Human Resources Officer, Occupational Health and Safety, at extension 8671. She will be happy to assist you in any way possible.

Keith Brownlee

Keith Brownlee is a new professor in the Department of Social Work. He received his BA, MA and PhD from the University of Witwaterstrand in South Africa. Originally from Johannesburg, Brownlee recently became a Canadian citizen. He has been living in Canada since 1987 where he lived for a short time in Toronto. He spent four years in Sioux Lookout working for a children's mental health agency. "Sioux Lookout was totally new to us. My wife Lee had never seen snow." At Lakehead, Brownlee teaches courses in Drug and Alcohol Abuse and Crisis Intervention. He looks forward to spending his first winter in Thunder Bay. "I'd really like to start skiing. I must admit its all new and very exciting". Brownlee also enjoys the outdoors, most notably canoeing, and relaxing with a good P.D. James crime novel.



Meladina Hardy



Meladina Hardy has been appointed Coordinator of Native Programming which she says "acts as a transitional year for Native students who need upgrading to enter university". Students are registered in Mathematics, English, Study Skills and one general BA course at the university level. This year there are 12 students registered in the program up from 8 enrolled last year. Meladina is an LU alumna graduating with a BA BEd specializing in Native Education. She grew up on the Rocky Bay Reserve near Nipigon and other than a reserve teaching assignment, has spent the last eight years in Thunder Bay. A busy woman, Hardy is a Jingle Dress Dancer and travels to celebrations throughout Northern Ontario which she argues gives her "a chance to spread the good word about Lakehead".



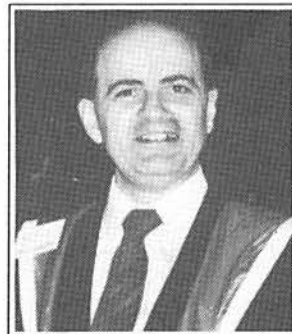
University Staff elected as school board trustees

Judy Foulds, executive assistant to the Faculty Association for the past 2 years, topped the polls for trustee of the Lakehead Board of Education at the recent municipal elections. It was Foulds' first attempt running for public office.



The school board has been much in the media with a controversial Chair and many issues which split the board. Foulds is going into the 3-year term with confidence that this is a Board that can work together. "I've already met with other elected trustees and administration and I'm very optimistic that this is a Board I can work with" Foulds said. She explained that serving on the Board is more work that most people realize. "One trustee told me she spent 40 to 50 hours per week."

Why did Foulds run? "Largely a desire to make a contribution and also recognition that my family circumstances enabled me to do it. In the past, I chose to put domestic duties first. That made sense with a husband who was largely away from home and young children. Now I have the opportunity and education is the area in which I have experience and interest." Foulds has a teacher honours degree in History from Liverpool and a post graduate certificate in Education from The Institute of Education in London. She has previous teaching experience in Canada and England.



Tony Cappello, the Scheduling and Examinations Officer, has been elected Vice-Chair of the Lakehead District Catholic School Board. First elected to the Board in 1982, Tony will begin his fourth consecutive term. He has served on numerous committees including Board Teacher Negotiation, which held in excess of 40 meetings, the budget committee, performance review and external committees. His new duties as VP will be to run the in-camera meetings, assist, and when necessary fill in for, the Chair.

Why does he do it? "Because I have children in the system and I'm involved with education issues. Now I'm involved from JK to the graduate level. I guess you could say it makes me well-rounded." With a few years off, Cappello has been at LU as either student or staff (and usually both) since 1969. He graduated with a BA in 1986, "plugging away part-time all those years to set an example for my children." Cappello believes that the strength of the separate board is careful decision-making by consensus. "Everyone in the education business is facing a big challenge and undoubtedly our number one problem is finances. It's a big responsibility to figure out the best way to spend the money and plan for the future at the same time."

Heritage Resources Protected by CARP

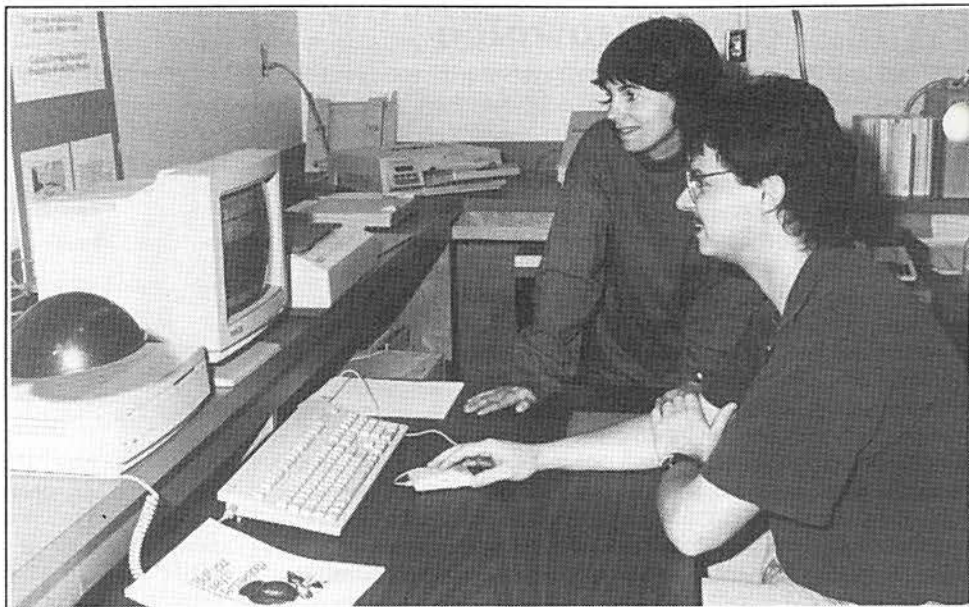
The Centre for Archaeological Resource Prediction (CARP) is a research centre devoted to developing new research methodologies designed to identify, manage and protect heritage resources. It is administered through the Department of Anthropology at Lakehead University and is funded by the Ministries of Natural Resources, Culture and Communications and Northern Development and Mines. CARP, with Dr. Scott Hamilton as Director, is staffed by three other full-time personnel: Luke Dalla Bona, Projects Leader/Coordinator, Heather Moon, Area Leader, and Linda Larcombe, Research Coordinator. The primary intent of the project is to develop new management tools that will help integrate heritage resources into existing land management strategies used to plan forest harvesting throughout Northern Ontario.

The Ministry of Natural Resources controls a great amount of provincial land and grants land use licences to forestry, mining and various other companies. For years they have monitored the land, making sure these companies are not harming tourism values or fish and wildlife habitats. Up to now there has been no system of monitoring whether or not heritage resources (archaeological sites) will be disturbed when the companies come in. According to Luke Dalla Bona, the MNR's initiative is timely and welcome. "Currently there very little is known about archaeological sites in Northern Ontario. Nobody has really had the time to spend searching for or predicting where these sites may be."

CARP's first job is to develop a prediction model. The researchers will look at a number of factors in predicting potential sites. Marsh land, where prehistoric man would harvest wild rice, prime moose and fish habitats, flat, dry areas of land, suitable for campsites, and rock outcroppings, where they would get the stone to make their tools, are the main variables CARP will look at. When all occur together, the area has high heritage resource potential.

Although physical exploration of the land is hampered by the weather right now, in the spring the researchers will go out to test out their model. "Eventually we will survey the land by foot," says Heather Moon, "It's going take a lot of physical work."

CARP will investigate using computer-based mapping and spatial analysis to predict the distribution of



CARP Projects Leader, Luke Dalla Bona and Area Leader, Heather Moon in the new research centre located on the bottom floor of the Centre for Northern Forest Ecosystem Research

archaeological sites and other heritage resources over large territories. This approach is necessary given the enormous scope of forest management in Northern Ontario. CARP will use conventional maps, air photos, satellite images, archival information, ethnographic research and informant interviews. Currently, most of the research effort is focused upon pre-contact Native land use and settlement patterns. Data management and manipulation will rely heavily upon Geographical Information Systems.

"Eventually, when forestry or

mining companies apply for land we can present them with a package based on all the information available for each area and what to look for", says Dalla Bona. "We're not telling forest companies where or where not to cut, but by giving them information, they can make intelligent and informed decisions. Ideally, concern over protecting heritage resources will become like wildlife concerns - just part of the process."



And the winner is . . .

David Hamilton (centre) by more than two thousand votes! Incumbent Jack Masters (left) received 19,305 votes with Gerry Pupeza (right) coming in third over Angus Corey. The photo above was taken on campus in the new Student Centre.

RESEARCH AND GRADUATE STUDIES CONTACT NUMBERS

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

RESEARCH NEWS

DECEMBER 1991

MALLIK REPORTS FROM INTERNATIONAL CONFERENCE

This year the Association of Universities and Colleges of Canada's (AUCC) International Division (ID) held its annual Conference at Queen's University, Kingston. This two-day Conference (Sept. 26-27) was attended by the International Liaison Officers (ILO) for Canadian universities. Dr. Azim Mallik, Department of Biology attended the Conference on behalf of Anne Fiorenza, Research Officer and International Activities Coordinator. The following are highlights of issues discussed at the Conference.

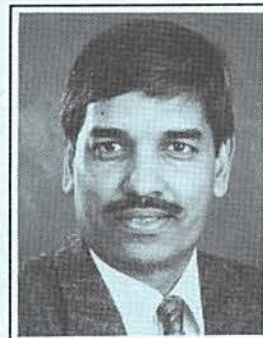
The Conference consisted of five plenary sessions and a small round table group discussion. In general, four themes dominated the discussions: (1) internationalization of Canadian universities and the role of ILO's; (2) university's relationship with CIDA (Canadian International Development Agency) and IDRC (International Development Research Centre); (3) funding agencies for international development; and (4) current and future priorities in international education and research identified by the federal government agencies such as External Affairs and International Trade Canada (EATC), Industry Science and Technology Canada (ISTC), Secretary of State, SSHRC and NSERC.

Generally, conference attendants agreed that Canadian universities have a much larger role to play in international development. For our own interest we must participate more vigorously in the increasing globalization process. More than ever, universities should be thinking and working internationally; international education and development must be an integral part of the university's strategic planning process and must get a high priority in its functioning. International Liaison Officers have a vital role to play in this regard. Big or small, every university should make an inventory of its human resources that can contribute to international development initiatives. The university should make the best people visible by conducting seminars, work-

shops and highlighting their development education and research activities in university bulletins. It was felt that developing countries all over the world are looking for expertise and Canadian universities have a lot to offer.

To be better informed about the opportunities within the university and the outside world, each university must have a coordinating body for international education, research and development activities. Lakehead University must do the same. It was amazing to see that a small institution like the College of Cape Breton has an active Centre for International Studies with a \$2 million project budget. A small campus of the University of Quebec at Rimonski is embarking on a \$20 million bilateral project in Egypt through CIDA funding. Big and medium size universities have large development projects where exchange of faculty and students between Canada and developing nations are enriching their education and research standards. Several Southern Ontario universities have formed a consortium to compete with U.S. universities in obtaining international development contracts (research and education) from USAID. In fact, often small universities are in a better position for developing institutional linkages with partner institutions in developing countries because they can relate better to each other and they both know how to survive with limited resources.

The Office of Research and Graduate Studies would like to thank Dr. Mallik for attending the Conference on their behalf. Due to limited space in the Research News, we are unable to print Dr. Mallik's full report which is available by contacting Anne Fiorenza at ext. 8223.



ECOLOGY AND EVOLUTION FOCUS OF STUDY GROUP

The Lakehead Ecology And Evolution Discussions on Environmental Research (LEADER) has been acknowledged as Lakehead University's latest Study Group. LEADER was initiated in January 1991 to encourage and facilitate discussions in the areas of ecology and evolution. Weekly meetings have been sponsored by the Centre for Northern Studies under its mandate to promote and facilitate research and to organize workshops and seminars.

Regular participants include University Faculty (primarily in the Department of Biology, the School of Forestry, and the Centre for Northern Forest Ecosystem Research), graduate students, and senior undergraduates. Discussions take a

variety of forms, but usually concentrate around recent controversies in the fields of ecology and evolutionary biology. Each session has a volunteer leader. Visiting scientists are encouraged to participate, and whenever possible, their itineraries explicitly include a LEADER presentation.

LEADER also functions as a sounding board for proposals and initiatives in the areas of ecology and evolution. It facilitates the cross-fertilization of ideas among traditional academic disciplines and applied ecologists. LEADER encourages discussions that transcend taxonomic and ecosystem classifications. This allows its members, who practice much of their research in boreal ecosystems, to be current with ideas emerging from other areas of specialization.

For information on upcoming meetings, please contact Douglas Morris, Centre for Northern Studies, Lakehead University (Phone 807-343-8162 and FAX 807-343-8100).

LU GEOLOGY DEPARTMENT AWARDED CANADA SPACE AGENCY CONTRACT

Dr. Stephen Kissin, Department of Geology, and a member of the Associate Committee on Meteorites (ACOM), has been awarded a contract by the Canada Space Agency (CSA) to continue the support of ACOM which had been previously supported by the National Research Council of Canada. With continued support by CSA, Dr. Kissin believes that the activities and knowledge base of the committee could have an important relevancy to the future



activities of the CSA as a focus for planetology studies, should Moon, asteroid and planetary exploration, presently identified as a serious possibility, evolve in the next few decades and beyond.

NSERC NEWS

Update on NSERC'S Program Policy Review

Last January, NSERC informed the university community of its intention to provide new direction to its grants programs, while at the same time preserving the strengths of these programs. The review has now progressed to the point that some revisions have been approved by Council. The following summarizes the decisions made so far and outlines subsequent steps.

NSERC states that as a granting agency, it must be sensitive to the needs of the community it funds, as the support of that community is essential to ensuring the greatest possible return on NSERC's investment in research and training in Canada. The Council must also be responsive to federal government objectives, because it cannot assume its responsibilities without government support. Council has had to constantly keep this delicate balance in mind during the review of the program structure.

Overall, it seems that most of NSERC's program structure will remain the same. Support of collaborative research will be expanded significantly, however, and the importance of highly qualified personnel training will be stressed in all grants programs. Revisions to the operating grants program will be considered in consultation with the research community.

A New Program to Support Collaborative Research

NSERC plans to launch a new program of collaborative research grants, complementary to the existing Collaborative Research Initiatives program. The objectives of the program will be:

- to give Canada's research increased opportunities to conduct internationally competitive research;
- to promote and encourage collaborative research within and between the disciplines;
- to provide students with experience in collaborative research.

It is expected that awards under the new program could be made as early as 1993-94.

Demand on the new program is difficult to forecast and therefore, the funding required is difficult to predict. This being said, NSERC believes the new program can be phased

in, with funding levels reaching an equilibrium level of \$30 million to \$35 million per year, providing Council receives reasonable budget increases. A significant proportion of the funding would come from "new" monies received in the next few years, the balance from slowing the growth of other programs, including the operating grants programs.

The Importance of Highly Qualified Personnel Training

NSERC has decided to send a stronger signal about the training of highly qualified personnel at all levels by including the desirability of training as a criterion in the review of applications in all grants programs (including operating grants, strategic grants and research partnership grants). As it is now with operating grants, if applicants do not propose to undertake training through their research, the onus will be on them to explain their reasons satisfactorily. Training from undergraduate to postdoctoral levels will be promoted by NSERC. Small universities and departments without graduate programs have been asked to take note of this.

The Future of Operating Grants

Council has decided not to proceed with a two-tier operating grant system. The operating grants program will remain basically the same for the time being. The Program Policy Committee and other groups have suggested changes to the operating grants program. One has already been adopted by Council: the name will be changed to "Research Grants."

Other suggestions include:

- simplifying the peer review process so as to decrease peer and community workloads;
- providing more flexibility to meet the specific needs of different disciplines;
- awarding individual grants at a level sufficient to sustain a reasonable level of activity.

These proposals have been referred to the Committee on Research Grants, which will look at the suggestions in detail, develop some of its own, consult with the community, and make recommendations to Council.

Dr. Connie Nelson, Director of Research and Dr. Werden Keeler, Chair of the Senate Research Committee will facilitate a Lakehead University response to these latest proposed NSERC program revisions. All researchers are encouraged to share their opinions.

SSHRC NEWS

SSHRC Announces Two New Joint Initiatives

Research on Cultural Development in an Open Economy

Dr. Paule Leduc, President of SSHRC, announced a new research initiative on cultural development in an open economy. In Canada, a tremendous number of jobs have been created and are sustained by this country's cultural industries, as well as by our individual artists, musicians and actors. The sale of cultural products and performances abroad also provides a substantial boost to our economy each year. In the coming years, the development, or even fate of this important Canadian economic force may be strongly affected by increased cross-border communications and an emerging global economy. Scholarly research can play an important role in understanding contemporary and emerging cultural issues and how these are affected by ever-increasing globalization of economies, markets and consumer values. It can also make an important contribution to the development of government policies and programs.

of up to \$100,000 for this state-of-the-art review. The SSHRC and the Department of Communications will each contribute up to \$50,000 each. Applications must be received by SSHRC no later than February 7, 1992.

Family Violence and Violence Against Women

Family violence and violence against women are among the most disturbing problems facing Canadian society. A comprehensive approach which integrates research and activities with community service is needed to help develop effective measures for dealing with family violence and violence against women. To that end, the SSHRC and Health and Welfare Canada have jointly established an innovative program to encourage the promotion, coordination and communication of Canadian research efforts in these areas. Each partner will contribute \$750,000 to this program. A total of \$1.5 million will be made available to support up to three Family Violence and Violence Against Women Research Centres across Canada, with each Centre receiving up to \$500,000 over 5 years. Only one competition will be held under the program. Applications are to be submitted in two stages. Eligible research teams must first submit a five page Letter of Intent by February 7, 1992. Applicants who are successful at the Letter of Intent stage will be asked to submit a Formal Application by May 8, 1992.

RESEARCH OPPORTUNITIES

LABORATORIES RESEARCH ASSOCIATESHIPS 1992

The National Research Council of Canada offers Research Associateships tenable only in its laboratories. These Associateships are intended to give scientists and engineers an opportunity to work on challenging research problems in fields of interest to NRC as a stage in the development of their research careers.

Applicants must recently have acquired a Ph.D. in the Natural Sciences and Engineering (within the last five years), or a Masters degree in an engineering field (within the last five years), or expect to obtain the degree before taking up the Associateship. Associateships are open to nationals of all countries, although preference will be given to Canadians.

Research Associates will be offered appointments to the staff of the National Research Council on a term basis and will be offered salaries and benefits currently available to members of the continuing staff. As a guide, the current annual Ph.D. recruiting rate is approx. \$38,000. The initial appointment will normally be for a two-year term and may be renewed, subject to the Associate's performance. Interested faculty are encouraged to submit applications as soon as possible, as choices are usually made by March.

GRADUATE STUDIES NEWS

Graduate Research in Africa



Ms. Karen Molly, a graduate student in the Department of Psychology, spent six weeks in Botswana this past summer as part of a research program sponsored by the World University Service of Canada (WUSC).

The annual WUSC Development Seminar has been an on-going educational programme since 1948. Over 1600 Canadians received their first direct exposure to Third World

development issues as WUSC Seminar participants.

Karen was accompanied by three faculty advisors, twenty-nine students from other universities and colleges across Canada, and a seminar coordinator, who travelled to many outlying regions of Botswana. The group met with health care professionals as well as with many cultural groups to learn more about the application of mental health care in Botswana. Karen presented a seminar entitled "Out of Africa" on Thursday, November 14, 1991 to the university community, which included a slide presentation portraying the beautiful terrain, wildlife and cultural groupings of Botswana.

Karen is in the process of completing her master's degree at Lakehead University and plans to continue her research in the area of mental health care.

Ontario/Baden-Wurttemberg Student Exchange Program

Up to fifty Ontario students will be selected to study at a university in the German state of Baden-Wurttemberg. Students chosen to participate in the program will receive a free month-long intensive German course in Baden-Wurttemberg and a grant towards the costs of international travel costs, medical insurance and study activity fees. This program is open to students in all fields who, at the time they submit their application, are pursuing an undergraduate or postgraduate degree program at an Ontario university; and who will be registered in a degree program at an Ontario university while abroad. This would require students to pay their tuition fees at Lakehead University; tuition fees in Baden-Wurttemberg are waived. Students who are selected must enrol in a full-time course of study at a Baden-Wurttemberg university for the 1992-93 academic year (mid-October to mid-July). Competence in German appropriate to the field and level of study is required.

For further information and application forms, contact:

Mrs. Gwen Wojda
Co-ordinator, Student International Exchanges
Regional Education Centre 0009
Lakehead University

GRADUATE SCHOLARSHIP OPPORTUNITIES

International Space University 1992

The city of Kitakyushu in Japan will be hosting the 1992 summer International Space University program. Applicants must be Canadian citizens or landed immigrants; must hold a bachelor's degree or equivalent from an accredited university; should be accepted into or enrolled in a graduate level program or should have completed graduate school no more than five years prior to the start of the ISU program or should have professional experience in industry, government or academic research (preferably at least two years); and must be fluent in English and in a second language.

The scholarships are available to students in all disciplines. Applicants must submit an application form as provided by AUCC and a declaration of foreign language competence. Application forms are available in the Office of Research and Graduate Studies. Deadline January 15, 1992.

John G. Bene Fellowship in Social Forestry

The award is open to Canadian citizens registered in a Canadian university at the doctoral or master's level who meet the following requirements: 1) Graduate students whose academic background combines the study of tree science (forestry or agroforestry) with social science (anthropology, sociology, or development economics). 2) Graduate students who are interested in social forestry from an international development perspective and who intend to conduct at

least part of their thesis research in a developing country. The Fellowship is intended to provide assistance to Canadian students in pursuing their graduate degrees in social forestry. The value of the award is \$7,000 per year. Application forms available in the Office of Research and Graduate Studies. **Deadline: January 15, 1992.**

Young Canadian Researchers Award

This award is available to graduate students who intend to conduct their thesis field research in a developing country on a topic of relevance to the International Development Research Centre (IDRC). Eligible fields of study include the following: Forestry, Fisheries, Agriculture Economics, Natural Resource Management, Communications, Earth and Engineering Sciences, Health Sciences, and Social Sciences. Duration of the award will be for a minimum of 3 months and a maximum of 12 months of field research in the developing country. The award covers justifiable field research expenses to a maximum of \$20,000 per year. In the case of doctoral students whose proposed field research will require more than 12 months in the developing country, the total value may not exceed \$40,000. Applications are available in the Office of Research and Graduate Studies and are accepted throughout the year.

CIDA Awards for Canadians

This program offers awards of up to \$25,000 per year and is geared to Canadians seeking long-term training either through the pursuit of academic study (at the master's level only) or through executing a practical work/research project. Applicants must design a project that will enable them to develop the skills and expertise which they require. At least 25% of their time must be allocated for fieldwork in a developing country. **Deadline: February 12, 1992.**

Canada Memorial Foundation

This scholarship provides opportunities for Canadian students to pursue courses or undertake research at universities or other institution in Britain for a period of normally not more than one year. The scholarships are available for students who wish to pursue either a research programme or a postgraduate course at a university in Britain. Each university in Canada may nominate two candidates for this award. Application forms are available in the Office of Research and Graduate Studies. **Deadline: February 29, 1992.**

UPCOMING DEADLINE DATES

NSERC Programs

Department of Fisheries and Oceans/NSERC - December 13, 1991
Forestry Postdoctoral Assistantships - January 15, April 15, July 15, October 15
Infrastructure Grants - November 1, 1991
International Collaborative Research Grants - March 1, 1992
International Scientific Exchange Awards - March 1, 1992
Research Partnerships Program - Open
Scientific Publications - October 1 and April 15
Strategic Grants - May 1, 1992

SSHRC Programs

Aid to Occasional Scholarly Conferences in Canada - July 1, November 1, April 1
Strategic Partnership Development Grants - November 1, January 15, April 15
SSHRC/Department of Communications Joint Initiative; Research on Cultural Development in an Open Economy -

February 7, 1992

SENATE RESEARCH COMMITTEE

NSERC Internal Research Grants

Conference Travel Program - January 15, 1992, May 15, 1992
Travel to do Research Program - January 15, 1992, May 15, 1992
Graduate Student Support Program - March 10, 1992
Research Projects Program - March 10, 1992
Visiting Scholar Program - March 10, 1992

SSHRC Internal Research Grants

Conference Travel Program - January 15, 1992 and May 15, 1992
Research Projects Program - March 10, 1992
Visiting Scholar Program - March 10, 1992

OTHER RESEARCH PROGRAMS

Canada-ASEAN Centre; Academic Institutional Support Fund - January 15, 1992

Canadian Red Cross - Career Development Fellowship Awards 92-93 - Jan 15, 1992

CIDA Professional Awards - January 15, 1992 and April 30, 1992

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

L.S.B. Leakey Foundation - November 1 and February 1

National Research Council - Laboratories Research Associateships - Open

NATO Fellowships Program 92-93 - December 13, 1991

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

Ontario Ministry of Tourism and Recreation; Recreation Research Grants - December 31, 1991

Ontario-Quebec University Exchange Program - January 13, 1992

Rick Hansen/Man in Motion Legacy Fund; Spinal Cord Research Grants - February 1, 1992

Sport Canada; Sport Research Program - February 1, 1992

University Research Incentive Fund - January 31, 1991

World Wildlife Endangered Species Recovery Fund - January 1, April 1, July 1, October 1

GRADUATE SCHOLARSHIP OPPORTUNITIES

Canada Memorial Foundation - February 29, 1992

CIDA Awards for Canadians - February 12, 1992

John G. Bene Fellowship in Social Forestry - January 15, 1992

Government of Canada Awards - Deadlines vary by country

International Space University 1992 - January 15, 1992

Izaak Walton Killam Memorial Scholarships - February 1, 1991

Ontario/Baden-Wuerttemberg Student Exchange Program -

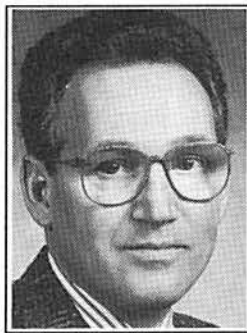
Young Researchers Award - Open

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

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

People/Papers/Publications Special Projects/Awards

Lorne McDougall, Associate Professor in the School of Nursing, has completed the requirements for his Doctor of Education at the Ontario Institute for Studies in Education. Dr. McDougall's research was conducted to learn more about the process of healthy aging. "Too many people associate ill health with aging. There are many active, healthy seniors out there whom we know very little about. For economic reasons as well as quality of life reasons we need to learn more about the health of these seniors so that we can institute better health promotion and illness prevention programs. The way an individual ages and the state of his/her health in old age are processes which can be influenced by choices made in mid-life and old age." Dr. McDougall teaches Gerontology and Community Health Nursing, and continues with research about the phenomena of aging, health and learning.

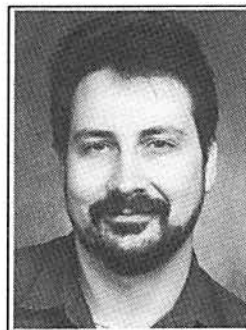
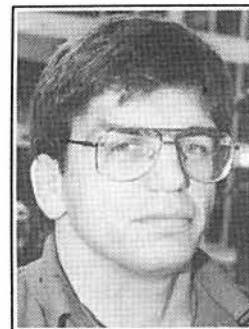


Dennis McPherson

Dr. Charles Ripley, Associate Professor and Chair of Philosophy presented the paper "Top-down Causation and Human Behaviour" at the annual conference of the Ontario Philosophical Association, held in Ottawa, October 18-19. Another Lakehead paper, "Heteronomy and Autonomy in Canadian Native Policy", written by Dr. Douglas Rabb and Dennis McPherson, was read by Mr. McPherson. The latter was an especially notable event. Mr. McPherson, a native Canadian, has collaborated with Dr. Rabb in developing the course, Philosophy 2805, Native Canadian World views, and in writing the textbook for the course. This was the first course in native philosophy to be offered in a Canadian university. Mr. McPherson's presentation in Ottawa marks the first time that a native Canadian has read a paper at the Ontario Philosophical Association Conference and possibly at any philosophical conference in Canada.

Dr. William R. Morrison, Director of the Centre for Northern Studies, has recently published the following: "Imposing the British Way: the Mounted Police and the Klondike Gold Rush," in D. Killingray, ed., *Policing the Empire: Government, authority and control, 1830-1940*, Manchester: University of Manchester Press, 1991. "Towards a Methodology of Disasters: the Case of the Princess Sophia," in Ray Browne et al., eds. *Digging Into Popular Culture: Theories and Methodologies in Archaeology, Anthropology and Other Fields*, Bowling Green OH: Popular Press, 1991. "Policing the Boom Town: the Mounted Police as a Social Force on the Gold Rush Frontier, 1895-1905," in *The Northern Review*, 6, Winter 1990. "The American Rampant: Reflections on the Impact of the U.S. Armed Forces Overseas During World War II," in *Journal of World History*, vol.2, no.2, Fall 1991. Dr. Morrison also presented a paper to the Western History Association, Austin, Texas, October 1991 entitled "Northland: Cross-Border Integration of the Yukon Territory and Alaska, 1867-1923."

Mr. Francis Clayton, Varsity Wrestling coach at L.U., has successfully completed the National Certification Program Level IV. In announcing this special achievement, Michael Payette, technical Director of the Canadian Amateur Wrestling Association, notes that Mr. Clayton is amongst the first wrestling coaches in the country to reach the highest level of coaching certification available in the sport. The School of Physical Education and Athletics at Lakehead University acknowledges with pride, the dedication and commitment to excellence exhibited by Francis Clayton and congratulate him on this achievement.



Dr. Dan Weeks, Department of Physical Education, has been busy in 1991. With colleagues at McMaster University Dr. Weeks published "Verbal cuing and motor skill acquisition for adults with Down's syndrome" in *Adapted Physical Education Quarterly* and "Atypical cerebral dominance in Down's syndrome" in *Bulletin of the Psychonomic Society*. Continuing work initially funded by the U.S. Air Force Office of Scientific Research

and now funded by NSERC, Dr. Weeks and co-workers at Purdue University published "Salient-features coding and orthogonal compatibility effects: A reply to Umiltà in the *Journal of Experimental Psychology: General* and "Acquisition, retention and transfer of response-selection skill in choice-reaction tasks" in the *Journal of Experimental Psychology: Learning, Memory & Cognition*. As well, "S-R compatibility for destination of apparent motion: Catching affordances or directional coding?" is in press at the *Journal of Experimental Psychology: Human Perception and Performance*. In related work on the memory and control of movement Dr. Weeks and co-workers have a paper in press in the *Journal of Human Movement Studies* entitled "Interpresentation activity and the retention of movement information" as well as a chapter entitled "Vision and motor control" that will appear in a forthcoming volume of the *Advances in Psychology* series published by North-Holland.

In June, Dr. Weeks presented a paper "Disproving the disproof for the guidance hypothesis" at the meeting of the North American Society for the Psychology of Sport and Physical Activity, in Asilomar, California. Weeks also presented a paper at the annual Ontario Psychomotor Behaviour Group meeting entitled "Salient features coding operations". Last month Dr. Weeks attended the conference of the Canadian Society for Psychomotor Learning where he presented a paper entitled "Relative frequency of KR and brief acquisition phases" as well as participating in a symposium, Disorders of praxis and movement sequencing", with a paper entitled "Cerebral specialization and movement organization in adults with Down's syndrome."

Dr. Margaret Johnston, of the Department and Centre for Northern Studies, recently published an article in the *International Journal of Canadian Studies*. The article is entitled "The Canadian Wilderness Landscape as Culture and Commod-

Publications

continued from page 7

ity", and is published in a theme issue on the evolving Canadian landscape. (Fall 1991): 127 - 143.

Professor Renate Eigenbrod, Department of English presented a paper entitled "The Oral in the Written: A Literature between two Cultures" at the Native American Studies conference at Lake Superior State University, Sault Ste. Marie, Michigan on October 26, 1991.

Dr. Said Easa, Professor in Civil Engineering, authored the following articles: Using the Cubic Spline Rule for Computing the Area Enclosed by an Irregular Boundary: Discussion", *Journal of Surveying and Land Information Systems*, Vol. 51, No 4, 1991, and "A Closed-Form Probabilistic Solution for Evaluating the Bearing Capacity of Shallow Foundations: Discussion", *Canadian Geotechnical Journal*, Vol. 28, No. 6, 1991.

Dr. Jane Crossman, Associate Professor and Chair, School of Physical Education and Athletics, recently presented a paper at the North American Society for Sport Sociology annual conference in Milwaukee, Wisconsin. the title of her paper was "A content analysis of the sports section of Canada's National newspapers"

Dr. Thomas M.K. Song, Professor of the School of Physical Education and Athletics, Coordinator of Human Performance Laboratory, presented a paper entitled "Effect of Neuromuscular Electrical Stimulation on Energy Expenditure" at the Annual Meeting of the Canadian Association of Sport Sciences, Kingston, Ontario, October 24-26, 1991. The study was collaborated with Mr. B. Guthrie, Ms. D. Newhouse and Dr. I. Newhouse.

Men's Support Group Formed

Dr. Terry L. Hill, Department of Sociology, is seeking responses from any men on campus interested in creating a "Men's Support Group". This group would be an informal discussion group whose overall purpose would be to provide an open, supportive forum for any men on campus who are experiencing grief over the anticipatory or real loss of a spouse (through death or divorce), a child, brother, sister, parent or other close loved one. Dr. Hill has extensive experience in volunteer work with self-help support groups of this type. Those men interested in pursuing the idea of a campus support group can contact Dr. Hill at Ext. 8291, or at home at 473-0630.

Sessional Lecturers Needed

The Department of Geography and the Department of Distance Education are identifying a pool of qualified sessional lectures for delivering Distance Education courses in the Environmental Assessment Certificate Program.

We are seeking instructors for the following courses:

EA 1110: Introduction of Environmental Studies

EA 2110: Introduction to Environmental Assessment

EA 3110: Assessment of Biophysical Environmental Impacts

EA 3130: Assessment of Social and Economic Environmental Impacts

EA 4110: Environmental Impact Assessment in Hinterland Areas

Duties would include conducting teleconferences, marking assignments, student consultations, and preparing and marking final examinations that are based on existing course material. A detailed description of each course can be found in the Lakehead University Calendar. Qualifications include an advance degree in a relevant area (e.g. environmental science, geography, biology) and experience in teaching at the post secondary level preferred.

Interested applicants are invited to submit a resume and the names and addresses of three references along with an indication of which courses you are interested in teaching to:

Ms. MacCallum, Program of the Environmental Assessment Certificate Program of the Environmental Assessment Certificate Program, Lakehead University, 955 Oliver Road, Thunder Bay, Ontario, P7B 5E1.

Distinguished Awards continued from page 1

Easa moved to Canada and received his Masters from McMaster University. He completed his PhD at the University of California at Berkeley. Easa teaches courses in traffic engineering, transportation systems and highway design. His research has taken three Continued from page 1

directions. The first direction, sponsored by an NSERC grant, is related to the safety of highway geometric design. A number of components are dealt with in the research. Easa is presently trying to develop a more comfortable vertical curve in highway design and a way to avoid sight hidden dips. He is also looking at the effects of longer trucks on Ontario highways. A key to Easa's research is the reliability analysis. "When we design, we design for extreme conditions but we don't look at the failure level of the design. My research is concerned with that failure level as well." In another direction, Easa is preparing state-of-the art papers sponsored by the transportation planning committee of the American Society of Civil Engineers. Easa's third research direction deals with his interest in other transportation related areas - surveying, highway drainage, pavement design and highway construction.

Dr. Ali Mirza has been on faculty at Lakehead University since 1980. He is a fellow of the American Society of Civil Engineers (ASCE) as well as the American Concrete Institute (ACI). He serves as Chair of the Joint committee

on Reinforced Concrete Columns of the American Concrete Institute and the American Society of Civil Engineers. Mirza was a research associate at the University of Alberta and was with an Edmonton consulting firm for a number of years. He received his PhD from the University of Texas.

Dr. Mirza was nominated for the excellence in teaching award by Director of the School of Engineering, Dr. Gary Locker. Letters of support from students both past and present were submitted with the nomination. Although he has not taken any formal training in teaching, Mirza feels comfortable in his teaching role. "I reflect upon my time as a student and think of the teachers and the mistakes they made. Teaching is hard work. It takes a lot of time and I do put a lot of time into it." The key to teaching says Mirza, is to be uniformly fair. "Students may disagree with me on a number of things but nobody has accused me of not being fair." Mirza believes that as a professor in a professional school, the responsibility of the faculty is two-fold. "We provide the students with the course content and we are committed to cover it and give technical background, and at the same time, teach them to behave as a professional." The most important part of teaching to Dr. Mirza is his belief that students not only must know how to do things but also to understand why they are doing them. "You have to integrate the theory and the practical. It makes the course interesting but also very demanding."

Math Institute Established

The Minister of Colleges and Universities announced that The Fields Institute for Research in Mathematical Sciences, a national research centre to be located in Ontario, will receive roughly a million dollars from the province this year.

The Institute will also benefit from federal funding through the Natural Sciences and Engineering Research Council (NSERC). This year, NSERC will provide \$300,000 to the Institute, and has also committed up to a total of \$1.35 million from the second and third years of operation.

The Fields Institute is the result of collaboration among McMaster University, the University of Toronto and the University of Waterloo, as well as the provincial and federal governments. It is designed to be a focal point for mathematics research, drawing mathematical scientists from across Canada and around the world for yearly programs of leading-edge research and graduate training. Other Canadian universities will be invited to affiliate with the new Fields Institute. The establishment of the Institute will

encourage researchers and graduate students, who might otherwise have emigrated, to remain in Canada.

"Experience in Europe and the U.S. shows that major research advances can result from bringing outstanding mathematicians together from a concentrated attack on common problems," said NSERC president Dr. Peter Morand.

The Institute is named after John Charles Fields, a native of Hamilton, Ontario, who was a mathematician of international repute.

The Fields Institute, which will be located initially at the University of Waterloo while plans for a permanent site are developed, will bring together the critical mass of researchers necessary to stimulate major progress in mathematics and will provide new opportunities for graduate training. It will also encourage interaction between university-based research and private-sector research and development.

The Institute will have no permanent faculty, but will bring together about 50 prominent mathematical scientists and postdoctoral fellows for collaborative

programs of leading-edge research.

In the current start-up year, the topic of concentration is Control theory, focusing on Stabilization, control and Design of Flexible Structures and Control of Mechanical Systems. These topics are currently generating important new developments in mathematics itself and have application as diverse as automatic flight control for aircraft, control for aircraft, control of communications satellites and design of new pharmaceutical products.

Jerrold E. Marsden, a native of British Columbia, now professor of mathematics at the University of California, Berkeley, will assume the Directorship of the Institute. Marsden, a fellow of the Royal Society of Canada and winner of the Norbert Weiner Prize awarded by the American Mathematical Society and the Society for Industrial and Applied Mathematics is one of Canada's most outstanding mathematicians.

AGING AND HEALTH ISSUES TO BE DISCUSSED AT OPENING

On January 15, Dr. Neena Chappell, Director of the Centre on Aging, University of Manitoba will give the Centre's inaugural lecture at 7:00 pm in the Bora Laskin Theatre, Faculty of Education. Dr. Chappell is an internationally recognized researcher and author in the field of aging and the sociological aspects of health care. All faculty, students and the general public are welcome to attend. There is no fee or registration required for the lecture.

On Thursday, January 16 at 2:00 pm, Dr. Bob Rosehart and Dr. Sandy Macpherson, Director of McMaster University's Educational Centre for Aging and Health, will officially launch the two year gerontology program in the Health Sciences Resource Centre. From 2:30 - 4:00 pm, following the opening ceremonies, several orientation workshops are planned on the proposed work of the new Centre. Workshops will explore current plans to establish a clinical

teaching unit (CTU) in Thunder Bay, provide interdisciplinary continuing professional education sessions in aging and health, and stimulate interdisciplinary research in geriatrics and gerontology. The workshops and program launching ceremony are free and open to all interested individuals, but you are requested to preregister by telephoning the Centre. You will be asked to indicate your choice of workshop.

For further information, contact Mary Lou Kelley (Director) or Julie Wojciechowski (Administrative Assistant) at the N.E.C.A.H. office, Dr. Lorne McDougall, School of Nursing (Associate Director or any other member of the Gerontology Study Group: Hank Akervall, Sue Berry, Anita Chen, Leona Dica-smirro, Mary Heard, Terry Hill, Ti King, Diana Pallen, Jane Ramsay, Ken Rotenberg, Janice Perkins, Peter Proulx, Darlene Steven, Jane Taylor.

Information Sessions

On January 16 at 4:00 pm, Dr. Sandy MacPherson and Betty Norris, of the Educational Centre for Aging and Health (EACH) at McMaster, will hold a meeting to provide general information on EACH's Educational Fellowship and Bursary programs. Candidates for fellowships and bursaries will normally be:

- 1) individuals working in an EACH Clinical Teaching Unit, or related community settings that provide care for the elderly;
- 2) individuals who are faculty members of Ontario universities or who demonstrate the potential to become University faculty members.

Candidates could likely include those health and social service professionals working with the proposed Thunder Bay Clinical Teaching Unit program, Lakehead University adjunct professors or field/clinical instructors in professional programs and faculty members of Confederation College).



Forum

Hancock on Campus

by Paula Vanveen, Argus Staff

On Thursday, November 14th Ken Hancock held 2 seminars on the topic of "Men Against Male Violence". Hancock, an ex-NHL player for the Chicago Blackhawks, does not physically look like a "typical" advocate for women's rights. It was, however, during his time as a hockey player that Hancock began to feel ashamed of the violence he and his fellow team-mates were causing. He came to the realization that no person has the right to touch another in a violent manner.

Hancock opened the discussion by describing the work of Men Against Male Violence. Groups of men will participate in 6 walks across Ontario beginning in the Spring of 1992. They are hoping to raise public awareness as well as encourage men across the province to speak out against violence.

Mr. Hancock then shifted the focus of the seminar. He stated that male culture worships war, and feels that the maiming and killing of Iraqi women and children was seen as a victory.

Hancock failed, however, to state his group's views on female participation in the Gulf War, a step which some women feel is a forward move in the issue of women's rights. When questioned about this later, Hancock stated that war is still a male-dominated phenomenon and that women were merely exercising their rights, not sensationalizing the actual war itself.

On the homefront the violence is more personal. After T.V. football games, the phones at rape/assault crisis centres across the nation light up as men vent their anger not on the losing team, but on their wives/girlfriends/children.

Hancock also said a male walking away from a sexist

comment/joke or a women in physical or sexual distress is different from the man that turned and left the room as 14 women were murdered in Montreal. Apathy, of course, was not an issue in this case. One male student who was forced out by gunpoint by the murderer committed suicide one year after the massacre.

Hancock feels that some men don't find it worth it to fight for women's equality with respect to "minor" incidents such as sexist jokes and harassing behaviour.

He also noted that men tend to "talk away life". A NATO base in the north was completely shut down by Inuit women protesting on the runway against missile testing; they were tired of waiting for men to stop talking and begin taking action.

Hancock finished the seminar by giving some alarming facts. Women are the poorest people in society. Some men consider violence against women, children and minorities as profound power. Canada led the world in arms supplies to the United States during Vietnam, including the making of napalm in Toronto. Some crisis shelters are built like fortresses to protect the women and children inside. Crisis centre workers are constantly confronted with shotguns by men looking for their wives or girlfriends.

Hancock has been jailed 60 times due to his support of causes ranging from ending the Vietnam war to Native rights. It was during these stays in jail where Hancock found most of his courage from women.

Hancock closed his speech by saying that this violence is not a women's issue: men are the cause of this violence, it's their issue.

The crowd was left with this last thought: "The final roll call is the roll call of justice."

THE WHITE RIBBON CAMPAIGN

Breaking Men's Silence to End Men's Violence

If it were between countries, we'd call it war. If it were a disease, we'd call it an epidemic. If it were an oil spill, we'd call it a disaster. But it's happening to women, and it's just an everyday affair. It is violence against women. It is a rape at home and on dates. It is beating or the blow that one out of four Canadian women receive in their lifetime. It is sexual harassment at work and sexual abuse of the young. It is murder.

There's no secret enemy pulling the trigger. No unseen virus that leads to death. It's just men. Men from all social backgrounds and of all colours and ages. Men in business suits and men in blue collars. Men who plant the fields and men who sell furniture. Not weirdos. Just regular guys.

All those regular guys, though, have helped create a climate of fear and mistrust among women. Our sisters and our mothers, our daughters and our lovers can no longer feel safe in their homes. At night they can't walk to the corner for milk without wondering who's walking behind them. It's hard for them to turn on the T.V. without seeing men running amok in displays of brutality against women and

other men. Even the millions of women in relationships with that majority of men who are gentle and caring feel they can not totally trust men. All women are imprisoned in a culture of violence.

Men's violence against women isn't aberrant behaviour. Men have created cultures where men use violence against other men. Where we wreak violence on the natural habitat, where we see violence as the best means to solve differences between nations, where every boy is forced to learn to fight or be branded a sissy, and where men have forms of power and privilege that women do not enjoy.

Men have been defined as part of the problem. But we are writing this statement because we think that men can also be part of the solution. Confronting men's violence requires nothing less than a commitment to full equality for women and a redefinition of what it means to be men, to discover a meaning to manhood that doesn't require blood to be spilled.

MIDWIVES GET STATUS THROUGH LEGISLATION

Ontario will become the first province to offer a bachelor's degree program in midwifery. The announcement was made by Richard Allen, Minister of Colleges and Universities, and Health Minister Frances Lankin. Universities that educate health professionals will be asked to develop proposals for the bachelor's program. Joint or multi-sized programs will be encouraged to respond to the diverse needs and challenges of Ontario's population. They will provide a balance of clinical and classroom teaching and will contribute to the development of midwifery practice and research in Ontario.

Proposals will be reviewed by an external panel composed of educators, recognized experts in midwifery, health practitioners and consumers. A decision on the location of the program will be made by spring 1992 with the start date of 1993.

Lankin wants to integrate midwives into the health care system as quickly as possible arguing that "women have been waiting too many years to choose how they want childbirth conducted."

Midwifery would become a regulated health profession under the proposed Regulated Health Professions Act. Under the new Act, midwives would be able to care for women whose pregnancies and births are uncomplicated. A College of Midwives would be formed to register midwives and oversee standards of practice. Ontario will be the first Province to integrate midwifery education, services and regulation into its health care and postsecondary systems.



Managers from the China Science and Technology Exchange Centre in Beijing tour the Engineering laboratories at LU as part of the international training program being offered at Federation College in Thunder Bay. Dr. Claude Johnston, Chair of the Department of Civil Engineering, gives an animated presentation to an attentive audience.

A Christmas Message from the Chancellor

Margaret Atwood, in her novel, "Life Before Man," says this about Elizabeth, a woman about to separate from her husband; "She'd gone home early. She will wrap Christmas presents, hiding the packages under the bed before the children get home from school. Already she knows the crackle of paper, the brightness of the ribbons will be almost more than she can bear. It's the hope, the false promise of hope she can't tolerate. Everything is worse at Christmas; it always has been. But she'll get through it."



At Christmas, everything is much better, or worse. It's because of the hope that Christmas brings. It's the season for healing damaged human relationships or for revealing the ugliness of scarred relationships. It's the season where human hearts recognize the human condition that we all share, or where human hearts exclude and hurt each other. It's the season where people join joyfully in celebration, or it can be the season where family feuds erupt.

Is the promise of Christmas so much false promise? Is it only a few days of festivity, tinsel, trimming and diversion, and then back to life without hope?

The coming of God as a small baby promises hope and a future. The helpless baby shares our helplessness but also opens up the way for an open future.

This Christmas, I hope you do more than simply "get through it!" I hope you will savour and take hold of the hope that Christmas demonstrates, and do so with joy.

Reverend Lois Wilson



Minwentakwan

Emakoshe-

Kiishikaak



Campus Calendar

To include your Department's event or activity in the Campus Calendar, please call the Information Office at 8300 or mail your information to SN1002. Deadline for the January Agora is December 16, 1991.

THE CHANCELLOR PATERSON LIBRARY HOURS

November 11 - December 16, 1991

Monday to Friday 8:00 a.m. to 11:30 p.m.
Saturday 9:00 a.m. to 11:30 p.m.
Sunday 11:00 a.m. to 11:30 p.m.

Thunder Bay Art Gallery

November 19 - December 15
SATYRS, CARDINALS, AND
BEGGARS

Organized and circulated by the
National Gallery of Canada

November 20 - December 15
JUAN GEUER

Organized by Extension Services, Art
Gallery of Ontario

December 17 - February 9
RICK RIVET

TBAG

December 20 - January 26

TIURA, TRAINOR, BOSS & WARREN
Regional Artists Series

December 20 - February 9
ROBERT FONES

Organized & circulated by the Art
Gallery of Ontario

DECEMBER

Sunday, 8

Children's Christmas Party
Main Cafeteria - 2:00 pm

Thursday, 19

Faculty & Staff Christmas Party
Davinci Centre - Michelangelo &
Marco Polo Rooms
Symposium - 6:00pm
Buffet Dinner - 7:00 pm
Presentations - 8:00 pm
Dancing - 9:00 pm

JANUARY

Wednesday, 15

FREE PUBLIC LECTURE

Speaker: Dr. Neena Chappell
Director, Centre of Aging
University of Manitoba

Topic: Informal and Formal Care for
Seniors: Focus on Social
Policy

Bora Laskin Lecture Theatre - 7:00 pm

Thursday, 16

Grand Opening of the Northern
Educational Centre for Aging and
Health Program

1:30 pm - 4:00 pm

Health Sciences Resource Centre
4:30 pm

Fellowship Meeting

Monday, 20

Senate Meeting - 2:30 pm

Monday, 25

FREE PUBLIC LECTURE

Speaker: Noreen Ivancic
Confederation College

Topic: A View From the Roof: A
Song From the Window

Ryan Building, Rm 1022 - 7:30 pm

1992 Varsity Home Schedule

January 3-4

Pizza Hut High School Girls Volleyball
9/8:00 am

January 10-11

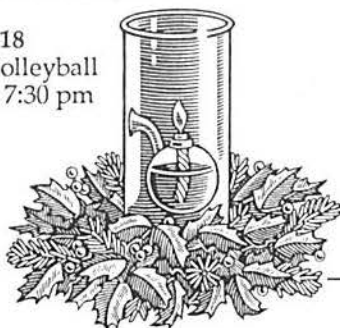
Gord Garvie Memorial Wrestling
Festival

Women's Basketball vs. Waterloo 6:30
pm

Men's Basketball vs. Waterloo
8:30 pm

January 17-18

Women's Volleyball
vs. Windsor 7:30 pm



RL Zuback

Alumni

Cornwall Concert Series 1991/92

All Concerts are held in the Recital
Hall, 210 S. Algoma St. and are on
Tuesdays at 12:30 PM unless other-
wise noted. Tickets are available at
the door.

January 14, 1992

Christoph Both, cello (Victoria);
Heather Morrison, piano
Fee - \$5.00

January 28, 1992

John Ehde, cello (Sweden); Heather
Morrison, piano
Fee \$5.00



Agora

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