



Agora

A NEWSLETTER FOR LAKEHEAD UNIVERSITY STAFF & FACULTY

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NEW BOARD CHAIR AIMS TO BE OPEN AND APPROACHABLE

"The greatest challenge facing the Board of Governors today is to maintain the integrity of Lakehead University with the resources allocated," says the newly elected Chair Maureen Doig. "There may be some difficult decisions ahead but I am hopeful they can be made in the same manner that previous decisions have been made -- fairly and equitably."

Maureen Doig has been a member of the Board since 1988 and is the first woman to hold the position of Chair. She follows in the footsteps of Pat O'Brien who served as Chair from 1994 to 1996.

Maureen Doig is a former Intensive Care Nurse and currently manages the business of her husband's busy medical practice. She is a member of the Board of Directors of the Children's Aid Society and is a founding director of Thunder Bay Children's Services Foundation where she currently serves as President.



Maureen Doig
Chair
Lakehead University
Board of Governors

As well as being Chair of the Lakehead University Board of Governors, Maureen Doig chairs the Board's Executive Committee, the Investment Committee, and is a member of the Task Force on Funding.

She is Chair of the Council of Chairs of Ontario Universities and Chair of the National Association of University Board Chairs and Secretaries for which she is organizing an annual meeting that will take place in Thunder Bay next April. Among those invited to attend will be all University presidents in Canada.

Lakehead's new Board Chair is fond of Thunder Bay and sees her volunteer work as an intellectual challenge and a way of giving something back to her community. She is pleased that the new members elected this year to the Board of Governors seem to complement the strong volunteer commitment already present on this Board.

If there is one message Maureen Doig would like to get out to faculty and staff, it is that Lakehead University's Board of Governors is open and approachable. Several years ago, in response to the Broadhurst report on university accountability, the Board was restructured to include more student and staff representation. Having these additional voices around the table has proved to be very useful, she says, in helping the Board sort through the different issues facing the University. --Frances Harding

Board of Governors

Richard Andison
Joe Baratta
Don Barnes*
Allan Becker
Donald Caron
Anthony Chan*
Kelly Collins*
Maureen Doig, Chair
Jackie Dojack*
Trevor Farrell
Corinne Fox
Christine Frank
Paul Gordon
Mayor David Hamilton
Steve Hessian
Lois Hutchinson*
Tom Jones
Glenna Knutson*
Eric Long*
Bill McDermott
Dusty Miller
John O'Brien
Pat O'Brien
John Pierman
Robert Rosehart
Michael Richardson*
Douglas Scott
Ken Sundell

* New Members

DID YOU KNOW ?

Minutes of
Lakehead
University
Board of
Governors
Meetings are
available in the
Chancellor
Paterson
Library.

For information
contact Bev
Stefureak, the
Secretary of
the Board of
Governors, at
343-8614.

INSIDE

Shared
Resources
Supporting
Research at
Lakehead

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ZANATTA ALUMNI MEMORIAL GAMES

The Annual Zanatta Games, sponsored this year by Campbell & Company Insurance Brokers and Traders General Insurance Company, attracted about 800 fans to the C.J. Sanders Fieldhouse and raised \$1500 towards the newly established Zanatta Memorial Bursary Trust Fund. Presentations were made to the recipients of the Zanatta Scholarships who were selected for their leadership, athletic talent and academic excellence. This year the two recipients are Alicia Gunn and Paul Andrews.

Alicia Gunn is a second-year Academic All Canadian. Last year she was OWIAA West Rookie of the year, and a member of the All Canadian Rookie Team. She is enrolled in Economics. Paul Andrews has been an Academic All Canadian the past four years while attending Lakehead. He graduated in 1996 with a Physics/Math degree, and is now enrolled in the Faculty of Education. The scholarships were presented by Vince Friya, a long-time friend of the Zanatta family. Friya attended Lakehead with John Zanatta and was CIAU Hockey Player of the Year 1980.

HAPPY RETIREMENT, PAUL



Citing his record of giving Lakehead's Chief of Security "just about everything he asked for," Executive Director, University Services, Grant Walsh presented Paul Brezanoczy with a new security vehicle at his retirement party. The tiny, battery powered truck has all the bells and whistles including the University crest.

There have been countless minor incidents on campus during Paul Brezanoczy's 17-year career but nothing too out of the ordinary with the exception of one incident that took place last month: a student was stabbed as he was walking home at night along the path that runs behind the Bora Laskin building.

"I've enjoyed the people I work with as well as the students and faculty that I have met," says Brezanoczy. "One of the things that frustrates me the most is when people don't understand that Security is there to enforce the rules and regulations which benefit everyone." He says some people complain that Security is always bothering people for one reason or another, when in fact they are just doing their job.

Brezanoczy's retirement plans include relocating to the west coast and travelling the North American continent, particularly the United States, "while I'm still in good health." "I would like to say good-bye and thanks to all those I've met and worked with here at the University."

This article first appeared in the October 29, 1996 issue of the Argus. It is reprinted here (with minor editorial changes) courtesy of the Argus.

NEW COMPUTER LAB



Avenor executives visited the campus recently to see how Lakehead handles its internal and external communications. Included was a tour of the new Pentium computer lab and a tutorial with CTRC's Carol Otte.

MISSING

Alumni Services is missing a blue and white Expo-system display unit. If anyone has information about the unit, contact Rob Zuback at 343-8916.

TOASTMASTERS

Thunder Bay Toastmasters Club begins a six-week course in communications skills specifically for Francophones wishing to gain skill and confidence in public speaking. It is also an opportunity for those fluent in French to network with other Francophones at the Port Arthur Ukrainian Prosvita Society Hall on Third Avenue (off Memorial Avenue) at 7:00 p.m. For information call Yves Prévost (Forestry) at 343-8342.

ALUMNI PHONATHON

The telephone lines are buzzing at the Avila Centre as the Alumni Association's annual phonathon gets underway. This year the Office of Alumni Services is recruiting staff and faculty volunteers to assist the student employees in raising \$185,000. To date over \$30,000 has been raised, says Manager of Alumni Services Rob Zuback.

GETTING THE MESSAGE OUT

Julie Kress captured the attention of a MuchMusic film crew when they were on campus in September to film the Kumbaya Festival for AIDS awareness. They interviewed the second-year Concurrent Education student in the Health Unit about initiatives at Lakehead to promote safe sex and responsible use of alcohol. The two-minute clip was later aired on the music video station. Kress is an active member of Lakehead's Alcohol Awareness Committee.



The Department of Geography was the first department to create a named endowment for \$5,000. Volunteer Dick MacGillivray (left) is shown with the Chair of the Department Brian Lorch (centre) and the LU OSOTF campaign Co-chair Fred Poulter.



Chemical engineering professor Venugopala Rao Puttagunta created a 30th Anniversary Bursary in recognition of his wife, Krishna.



Geology professor Roger Mitchell and his wife Val Dennison established a LU 30th Anniversary Bursary in Geology.

FACULTY APPROACHED TO MAKE THEIR CONTRIBUTION

to Lakehead's \$1 million Ontario Student Opportunity Trust Fund (OSOTF) Campaign

Dick MacGillivray believes it's important for faculty to do their part to ensure that Lakehead's enrolment stays healthy.

That is why he has volunteered to contact all academic units on campus and apprise them of the Government of Ontario's program to match dollar for dollar all funds raised for student financial aid before March 31, 1997.

To date Lakehead has raised over \$660,000 towards its \$1 million goal.

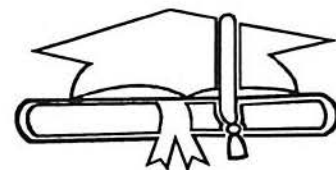
MacGillivray says the response from faculty has been encouraging but more participation is required to meet our faculty goal.

While topnotch students may be able to finance their education through scholarships, MacGillivray says he is worried about the mid-range students who are capable of handling the academic demands of a university program but may need assistance to finance their education.

"More and more the government is shifting responsibility for the financing of education to the individual," he says. "Without such programs as the OSOTF, there is a very real tendency that the privileged few will attend university and the unprivileged many will not."

MacGillivray says that in a minority of cases there is a sense in which people feel they have contributed enough through the *Share Our Northern Vision Campaign*.

"But then we've had to explain that the timing of this campaign is not ours. Effectively all we're doing is taking advantage of the opportunity the government has given us. It's simply too good an opportunity to pass up." -- FH



For more information about the LU OSOTF campaign contact Jo-Anne Silverman at 343-8910.

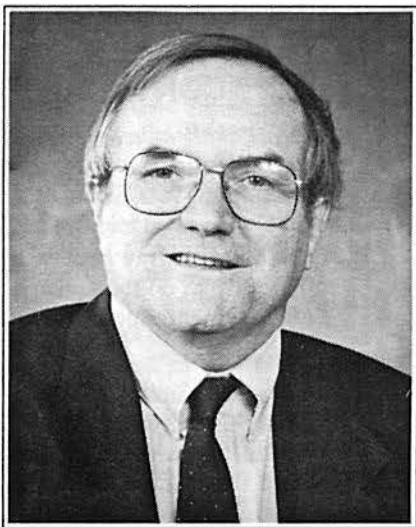
REALITY CHECK

Number of OSAP Applications received by the Financial Aid Office as of September 27, 1996:

- received:	2,719
- assessed (includes 207 'nil' assessments)	2,508

Number of students receiving OSAP:	2,301
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Total dollars processed	\$18,242,958
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Robert G. Rosehart
President, Lakehead University

Congratulations to the School of Nursing

Word has just been received from the College of Nurses of Ontario that 100 per cent of our 1996 class (32 graduates) that wrote the CNA Nurses Registration Examination passed the examination. Few institutions achieve the 100 per cent pass rate and a special congratulations goes to the graduates and the Nursing faculty on this accomplishment.

Teaching Jobs Available in Korea

The Registrar has details on Teaching Opportunities (ESL) for recent graduates available in Seoul, South Korea.

Good News from CIDA

An official announcement will be made shortly (or already depending upon the *Agora* publication date) about an exciting new project to be supported by CIDA. Particular congratulations go to John Naysmith and the Faculty of Forestry team (JoAnn Crichlow and Ulf Runesson) involved in the new project and to Anne Klymenko in the Office of Graduate Studies and Research for all their hard work in the various proposals. This award is yet another proof of the saying that no matter how tough the competition looks, it is better to compete than not to challenge the mountain.

Take Heart Network

I recently attended a seminar put on by the Thunder Bay District Health Unit to launch the Take Heart Network. Lakehead University faculty from Nursing and Kinesiology participated. A key message related to indicators and risk factors in heart disease and smoking has often been singled out as a significant risk factor. As you may know, in the past Paul Satinder of the Department of Psychology has run a successful program aimed at smoking and below is the notice regarding his next program. Please give it your every consideration.

Personalized Approach to Quit Smoking

An innovative program will again be available to the members of the Lakehead University community and general public. First preference will be given to the University community members.

The program takes six weeks with a once a week appointment lasting between 30-45 minutes.

It is known that smoking behaviour is a very serious behavioural and biological addiction. Hence to quit smoking and maintain smoke-free behaviour is a difficult task, however, it is possible to break this habit and be smoke-free for the rest of your life.

If you are determined to quit smoking, then this program is for you. A deposit of \$100 will be required. However, \$25 will be refunded at the successful completion of the program, another \$25 will be refunded after three months being smoke-free and the remaining \$50 will be refunded for being smoke-free for one year.

For consultation and appointment contact 346-QUIT (346-7848) at Lakehead University. For further information contact Paul Satinder, Department of Psychology, at 343-8441.

Passings

This past month has been a tough one in that we have lost several old friends and supporters of Lakehead University: Betty Coates, the long-serving Alumni Board Member and past President who served the Alumni organization in many, many capacities as well as Ted Christiansen, our long-term labour representation to the Lakehead University Board of Governors. Special acknowledgements are due for the service they gave to the betterment of Lakehead University over the years.

Registration 1997

A small group representing various departments involved with registration has met on two occasions to discuss some of the problems encountered with this past year's registration process. Further work will be focused on the steps to be taken to improve the experience for our students in the Fall '97 process. John Whitfield will coordinate this effort along with Pentti Paularinne, the Registrar's Office staff and Student Services. As part of a more timely process, all course/program changes for the 97/98 Calendar will have to be passed through Senate by the January 1997 meeting.

Retirees

As you know, Paul Brezanoczy is retiring shortly from the position of Chief of Security at Lakehead University. I recently received a copy of a letter of thanks to Paul written by a student and I have taken the liberty of extracting a few paragraphs:

"During the passage of the summer months and on up to this present date, I have been very impressed with all the members of the Security department. Studying and generally working at the University many off hours, I have had the necessity of asking questions, and seeking assistance of the people that make up your department. In every situation I have found these people to be courteous, professional and helpful.

...continued on page 5

Being a student who has spent a number of years in industry, I have found this constructive, positive attitude of the security personnel to be very refreshing. All too often, people with power tend to use it to express their own self worth and not as a tool for the purpose of helping others.

I believe that this attitude is a reflection of your style and I wanted to say... Thanks!"

Thank you, Paul, for all your efforts on behalf of the Lakehead University community.

Jobs, Jobs, Jobs and a Degree

The debate rages on but consider this interesting twist. Statistics Canada has, for a long time, shown that your best bet to employment is via a university degree. In spite of this, the folklore continues about college grads and private vocational school graduates having better employment opportunities.

Recently I was given some interesting data on student loan default rates. If you were to accept the premise that a low loan default translates into the probability of employment success, consider the following data:

For 1993-1994

Average Ont. University Student Default Rate: 11.5%
(Lakehead University was 9.7% one of the lowest 5 in Ontario)

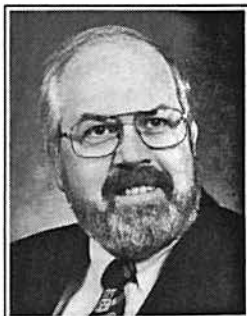
Average Ont. Community College Student Default Rate: 21.3%

Private Vocational Schools: 30.4%

Interesting data!

Board Chair Changes

Elsewhere in this issue you will read about our incoming Board Chair Maureen Doig. I would like to acknowledge the hard work, long hours and difficult issues faced by outgoing Pat O'Brien during his term in the position of Board Chair. Pat devotes a tremendous amount of personal time to public service and you will see him return to the public eye next year as the United Way Campaign Chair for 1997.



Student Opportunity Trust Fund

We are well on our way to the \$1 million target with about \$660,000 pledged to date. Geography has taken a leadership role as a department and I encourage all other academic and administrative departments to respond to their leadership.

A Tip from CTRC



Disk Space on the Administrative Servers

By Christine Nielsen
Senior Network Analyst

Communications Technology Research Centre

From time to time it is important to remind people to delete unnecessary files from the servers SKY and GALE.

These servers provide applications and services to over 1,000 faculty and staff users and have a combined total disk space of 14 gigabytes. This may sound like a lot of disk space, but it is not when you consider that the average PC is shipped from the manufacturer with a gigabyte of disk space. This makes it impossible for the servers to act as backup areas for local hard drives for 1,000 users. Even if the average user only has 10 megabytes of space in their account, 10 megabytes times 1000 users equals 10 gigabytes! With the applications, mail, personal windows, and system files also required to be on the server, this doesn't leave room for many personal files.

User account space is an important issue. Lately, many people have complained that they have received error messages when starting E-mail. The cause of these messages turned out to be that there was no room left in their account to send/receive mail. Deleting old or unnecessary E-mail messages is a good start.

Many people also subscribe to listserves and fill their account with E-mail. There is no need to be a member of a listserve, since most listserves have associated newsgroups where you can read the same postings.

Finally, work files can be copied to the c:drive and/or to floppy disks to remove them from the server. Just make sure you make backup copies of any files that you have on your c:drive as you wouldn't want to lose your work!

The number of administrative accounts has grown from 450 to over 1000 in the last year and this growth is expected to continue in the future. This makes disk space a scarce resource. So let's all chip in and try to keep disk space usage on the servers to a minimum.

TREATING STUDENTS AS "GUESTS"

While some of us in advancement are still getting used to the idea of thinking about students as customers or clients, Michel Langlois, Professor in the Département de Sciences Administratives at L'Université du Québec à Montréal, challenged participants at a CCAE conference last June to think of students studying at our institutions as "guests." The difference between a customer and a guest is attitude, Langlois explained. "When you are managing a service organization, you are hosting guests." — Ensemble, Fall, 1996.

Lakehead University's

Environmental Lab

SHARED RESOURCES SUPPORTING RESEARCH AT LAKEHEAD

by Sara Hatherly

In these times of funding cuts to post-secondary institutions, Lakehead University has found an innovative way to acquire additional funds for research.

Through its Centre for Analytical Services (LUCAS), Lakehead is providing laboratory services to industry on a contract basis while using the extra revenue earned by the Centre to support ongoing student and faculty research.

The Environmental Lab, found on the third floor of the Centennial Building, is one of four laboratories that make up the Centre for Analytical Services. It specializes in the analysis of aquatic and forest-based soils, plant tissue, and water. Analytical services include soils nutrient and physical parameter testing, wetlands analysis, and forest soils profiling. In fact, some of the most frequently performed tests in the Environmental Lab include testing for common elements of soils such as nitrogen, phosphorous, potassium, iron, manganese, copper, calcium and magnesium.

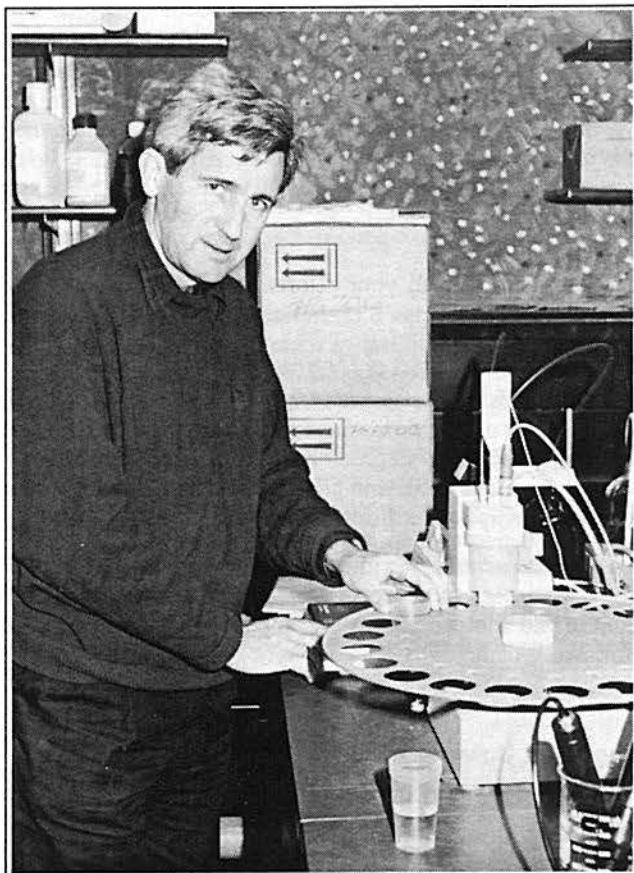
Looking after the day to day activities of the Environmental Lab is Peter Lee, a professor in the Department of Biology. Lee started the Lab in conjunction with his Wild Rice project. When funding cutbacks saw the end of that particular project, the activity of Lee's lab was renewed through an affiliation with the Centre for Analytical Services.

Lakehead's Dean of Graduate Studies and Research Connie Nelson was instrumental in initiating the process of bringing potential academic users together to form the Soils Advisory Committee. The outcome has been the establishment of the Environmental Laboratory.

Says Nelson, "The creation of the Environmental Laboratory has allowed Peter Lee's expertise to address a variety of unmet needs in the region for scientific analytic testing. At the same time, the establishment of this laboratory is providing an essential source of income to acquire specialized equipment and qualified staff that Dr. Lee applies to basic research and the training of graduate students. In addition, the acquisition of this new equipment has meant that Dr. Lee is able to instruct a Limnology course that provides students with a valuable knowledge base in fresh water lakes."

As well as serving as Academic Supervisor, Peter Lee is Chair of the Soils Group which provides academic input for the operation of the lab. The purpose of the multi-disciplinary Soils Group is to develop more effective ways of producing the tests required for academic soils programs here at Lakehead. Current members of the Soils Group represent a variety of academic disciplines including Civil Engineering, Geology, Anthropology, Biology, and Forestry.

A number of representatives of the Centre for Northern Forest Ecosystem Research (CNFER) work with the Soils Group including Len Meyers an Assistant Professor in the Faculty of Forestry. Meyers utilizes the lab for his research into the areas of forest stripping and cultivation of soils.



Biology professor Peter Lee uses the Environmental Lab to conduct research in the area of environmental assessment and bioremediation.

At any given time as much as 40 per cent of the Environmental Lab's work is done for the Centre for Northern Forest Ecosystem Research. CNFER is not the laboratory's sole contract client, however. Other clients include Sturgeon Organics and Avenor Inc.

Recently Placer Dome signed an agreement with Lakehead to sponsor the work of three graduate students who will help the company do some environmental assessment work related to the company's interest in a new mine in Northwestern Ontario. The students will use the Environmental Lab to conduct water, soil and plant tissue samples.

"This is a new development," says Peter Lee, "and may lead to further work in the area of bioremediation." Bioremediation involves the use of plants to contain or correct environmental problems caused by pollution. It is field of study that is of particular interest to Peter Lee.

For further information about the Environmental Lab contact Peter Lee at 343-8662.

Sara Hatherly wrote this article for S.P.A.R.K. -- Lakehead, a student writing program sponsored by The Chronicle-Journal.



What's New in the Library

THE VIRTUAL LIBRARY

The Chancellor Paterson Library, in partnership with Statistics Canada and Canada Communication Group Publishing, is participating in a pilot project to assess the impact of replacing print publications with electronic equivalents. Beginning in September and running for 12 months, a selection of government publications will only be available through the Internet. The project includes titles such as Consumer Prices and Price Indexes, Education Quarterly Review, Travel-log, Health Reports, Juristat, Hansard and Canada Gazette. For more information about the Electronic Publications Pilot, contact the Government Documents Librarian at 343-8147 or visit the Library's web page.

FIRST SEARCH

On September 30th, the Library began subscribing to a new service called FirstSearch for a trial period. This Internet accessible service is available to all faculty, staff and students of Lakehead University and provides access to approximately 50 databases of information. The majority of these databases offer citations to periodical literature, and several which were not previously available include:

ABI/Inform - indexes 1,000 business and management periodicals

ArtAbstracts - abstracts from 200 international art publications

Dissertation Abstracts - doctoral dissertations

EconLit - corresponds to Journal of Economic Literature Environment - key areas of environmental sciences

INSPEC - covers physics, electrical engineering, computing

RILM - abstracts of music literature

Those wishing to use FirstSearch must first attend a FirstSearch class offered in the Library. Please contact the Information Desk at Extension 8302 for dates and times of scheduled classes.

SEARCHABLE DATABASES THROUGH THE WORLD WIDE WEB

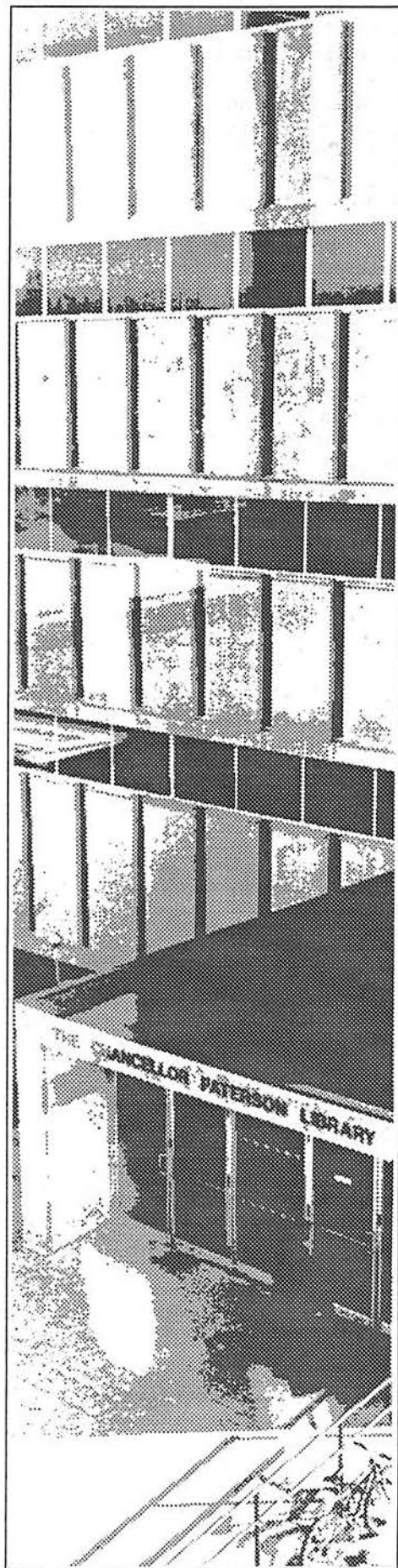
If you would like to search for articles in health, education, computing, social sciences, humanities and sciences you should try some of these databases now available through the World Wide Web. URLs are provided below, however, these sites are also linked to the Library's web page.

ZDNET (<http://home.zdnet.com/>) This is the Ziff-Davis Publishing page through which you can search the contents of many popular computer magazines such as PC Computing, MacWeek and many others. Some full-text articles are available.

UNCOVER (<http://www.carl.org/uncover>) This database allows you to search the contents of over 15,000 journals and magazines in many subject areas. Searching can be performed with information from the title, author or journal name. It is also possible to browse through the tables of contents of journal issues.

MEDSCAPE (<http://www.medscape.com>) Through this page, you can search the National Library of Medicine's Medline database.

ERIC (<http://www.eric.syr.edu/>) This page allows you to search the ERIC database. The ERIC database contains references to articles in education and education related journals.



Said Easa (Civil Engineering) has been elevated to the membership level of "Fellow" within the Canadian Society for Civil Engineering (CSCE).

"The distinction of fellow has been conferred on Easa in recognition of his excellence in engineering and for services rendered to his profession and to Canada," says the certificate of award given to Easa by President Dan Burns at the CSCE Annual Conference, held in Ottawa, June 1995. Easa is Chair of the CSCE Transportation Division and Chair of the (first ever) CSCE Transportation Specialty Conference to be held in Edmonton, May 29 - June 1, 1996.

Easa was a keynote speaker at The Al-Azhar Fourth International Engineering Conference, held in Cairo, December 16-19, 1995. The title of this opening lecture was "Intelligent Transportation Systems: Past, Present, and Future." At this conference, the following papers were presented by Easa and his graduate students: "New Methodology for Available Sight Distance in Two-Dimensional Horizontal and Vertical Alignments," "Modelling Creep Behaviour of Polymeric Grids," "The Development of In-Situ Test Facility of Determination of Shear Strength of Asphalt Layers," "Nonparametric Analysis of Pavement Reliability," and "Thermal Stress Analysis of Asphalt Overlays." The first two papers were presented by Y. Hassan (a PhD student currently working at Lakehead University) and the other papers by R. Abdel Nabi, A. Sherif and Easa, respectively. The papers, co-authored by Abd El Halim of Carleton University, were also published in the conference proceedings.

Easa presented a paper entitled "Effect of Road Geometry on Cracking of Asphalt Pavements" at the Transportation Congress of the American Society of Civil Engineers (ASCE), held in San Diego, October, 1995. Easa chaired The Planning Track of the Congress (seven technical sessions) and was a member of the Steering Committee of this international congress. A paper entitled "Design Considerations of Passing Sight Distance and Passing Zones" was presented by Y. Hassan (co-authored by Easa and A. Abd El Halim) at the International Symposium on Highway Geometric Design Practices, held in Boston, September, 1995.

Easa wrote two articles entitled "Electric Vehicles Soon a Reality" and "Underpass and Bridge Construction without Traffic Interruption" in the *Canadian Civil Engineering Magazine*, CSCE, December 1995, and published the following journal papers: "Estimating Line-Segment Reliability Using Monte Carlo Simulation," *Journal of Surveying and Land Information Systems*, Vol. 55, No. 3, 1995, and "Sight Distance on Horizontal Alignments with Continuous Lateral Obstructions," *Transportation Research Record* 1500, 1995, the latter paper was authored by Y. Hassan, Easa, and Abd El Halim.

Fakhri Karray (Electrical Engineering) co-chaired the First International Conference on Technology Parks and Transfer of Knowledge, held in Tunis, Tunisia, July 1996. Many world renowned experts in the different areas of science and technology have attended the Conference. Karray has also been recently appointed by the IEEE Control Systems Society Board of Governor to serve on its Conference Editorial Board. He has been invited to present a tutorial on Aspects of Learning and Identification in Automation Systems during the IEEE International Conference on Industrial Technology, to be held in Shanghai, China, December 1996.

Karray has been appointed a member of the organizing committee of the IEEE International Symposium on Intelligent Control, to be held in Istanbul, Turkey, July, 1997, and a member of the International Program Committee of the Second International Symposium on Intelligent Automation and Control to be held in Anchorage, Alaska, in May, 1998.

A chapter co-authored by F. Karray and C. de Silva entitled "Learning Systems and Identification" will appear in 1997 in the Universal Encyclopedia of Life Supporting Systems. Karray wrote a comprehensive review of two well regarded books written by C. de Silva and E. Cox in the area of Fuzzy Logic as applied to industry and business. It will be published in the *IEEE Spectrum Magazine*, the widest read technical magazine of any professional society. In addition he has attended and chaired three technical sessions in the 25th IEEE SMC and published recently the following journal papers: "Stiffening Control of a Class of Nonlinear Affine Systems," *IEEE Transactions on Aerospace and Electronics*, vol. 33, no. 2 (co-authors M. Glaum and A. Grewal); "Systems Identification by Means of Bilinear Interpolators," in *Journal of Systems Analysis, Modeling and Control*, in press (co-



A "Friend of NSERC" Certificate was presented by the President of Lakehead Bob Rosehart to Stephan (Steve) Dudzinski of the Kakabeka Falls Game Farm. The nomination was put forth by Murray Lankester of the Biology Department (right) in recognition of Dudzinski's support and expertise provided over the past 20 years to NSERC-funded research on the health of large boreal mammals. If anyone at Lakehead would like to acknowledge their indebtedness to a private citizen for support given to their NSERC-funded research program, nominations can be sent to NSERC in Ottawa by Fax at (613) 943-0742 or E-mail: COMM@NSERC.CA.

authors: T. Dwyer and D. Makrakis.); "Robust Slewing of a Class of Flexible Spacecraft Systems," in *IEEE Transactions on Automatic Control*, vol. 40, no. 11 (co-author V. Modi); "Composite Control Scheme for Joint Tracking and Active Vibration Suppression of Mobile Flexible Manipulator Systems," in *Acta Astronautica*, vol.36, no.5 (co-authors V. Modi and H. Mah).

Margaret Johnston (Geography) presented a paper entitled "Evaluating the Effectiveness of Visitor Regulation Strategies for Polar Tourism" at the Polar Tourism: Environmental Implications and Management" Conference at the Scott Polar Research Institute in Cambridge, England, August 19-21, 1996.

Peter Duinker (Forestry) has accepted an invitation to join the Honorary Editorial Advisory Board for the Encyclopedia of Life Support Systems (EOLSS). The EOLSS is a major international effort to synthesize current knowledge related to global sustainable development, water, energy, environment, food and agriculture, and knowledge foundations. It will be published during 1988 in both paper (about 60 volumes of some 45,000 pages) and CD-ROM.

Jim McAuliffe (Kinesiology) presented a paper entitled "Vision and verbal knowledge of results (KR) as non-redundant sources of information in the acquisition of a linear positioning movement" at the Canadian Society for Psychomotor Learning and Sport Psychology annual conference held in Vancouver, British Columbia, October 26-29, 1995.

In addition, McAuliffe collaborated with Eric Buckolz and Cam O'Donnell of The University of Western Ontario on three papers which were presented at the conference. The papers entitled "Escaping response interference in a choice reaction time task I: Without post stimulus involvement," "Escaping response interference in a choice reaction time task II: With post stimulus involvement" were presented by Buckolz. O'Donnell presented a paper entitled "Inhibition of return: The effect of post saccade processing." The work is a result of a joint research effort between Buckolz, McAuliffe and O'Donnell.

McAuliffe has been appointed to the board of directors of the Canadian

Olympic Association (COA). The appointment is a result of Dr. McAuliffe's association with Squash Canada.

In April **Douglas Thom** (Education) gave three lectures at the University of the West Indies (UWI), Bridgetown, Barbados. Two were on the theme "Leadership in Organizations" for an undergraduate and a graduate education student group; the other was a public lecture on "Educational Leadership with Christian Conscience: Focus on Understanding, Finance, and the Future." His visit was sponsored by the Faculty of Education, UWI and the Caribbean Society for Educational Administration. He met **Fentey Scott** (Education) who was on sabbatical leave at UWI working on the UWI/Lakehead University cooperative venture of course development and design of a training program for educational management in small states in the Eastern Caribbean. UWI plans to publish Thom's public lecture.

In August he made a presentation at the International Conference of the Commonwealth Council for Educational Administration, "Indigenous Perspectives of Educational Management," in Kuala Lumpur, Malaysia. There he gave the keynote address "Educational Leadership Worldwide: The Christian Conscience Factor" to 450 delegates from around the world. His son, Wes, accompanied him and they met several student groups.

Thom's 1996 book *Leadership Worldwide: The Christian Conscience Factor*, published by the Hong Kong Council For Educational Administration, was a basis for the address which itself is published in the book *Keynote Papers of the 8th International Conference of the Commonwealth Council for Educational Administration (CCEA)*, Kuala Lumpur, August 1996, available from the publisher - Institut Aminuddin Baki (IAB), Ministry of Education, Malaysia, Sri Layang, 69000 Genting Highlands, Pahang, Malaysia.

Thom has been invited to speak on his original TELC and TLCC Models of Leadership at Harvard University and several other institutions overseas. He was one of two CCEA nominees for a 1996 Commonwealth Foundation Fellowship.



MIRIAM LAPPALA

International Student Advisor



Enough winter coats were donated this year for Miriam Lappala to distribute one to just about every new student. The coat drive is one of the many programs and services offered by Lakehead to help International students adjust to life in Thunder Bay.

Miriam Lappala knows first-hand what it is like to be an international student at a Canadian university. Born and raised in Zaire, she came to Canada after high school to pursue her undergraduate degree in Sociology at the University of Western Ontario. She says her experience growing up in Africa has made her sensitive to the complexities involved in cultural adjustment.

The job of the International Student Advisor is to provide ongoing assistance to Lakehead's 91 international students. Lappala acts as a liaison, providing counselling, assisting with student visas, healthcare, and maintaining a Host Family program which links the international student with friends in the community.

Her secondary role involves raising awareness of cultural and global issues. One of her projects this year is to help to coordinate the annual celebration of International Days, a week-long celebration scheduled for January 27- Feb. 1, 1997.

Although enrolment by International students this year has declined over last year, Lappala believes this will change once information is communicated about the decrease in tuition fees for International students. Their fees have declined from \$13,278 to \$8,840 per year.

DECANAL SEARCH

Gary Locker's term as Dean of Engineering ends on June 30, 1997. The Search Committee for a Dean of Engineering is requesting written comments from members of the University community about the general state of the Faculty of Engineering and its future development. Comments to the Committee should be submitted to Beverley Stefureak, Secretary of the Search Committee, UC-2009, FAX 807-343-8075, e-mail bev.stefureak@lakeheadu.ca, no later than Monday, November 18, 1996, 4:00 p.m. All comments will be treated as confidential to the Committee.

ATTENTION RESEARCHERS

Lakehead University is a participant in the Data Liberation Initiative (DLI), a pilot project to provide Statistics Canada data files and databases for teaching and research purposes.

The DLI is a cooperative effort among the Humanities and Social Sciences Federation of Canada (HSSFC), the Canadian Association of Research Libraries (CARL), the Canadian Association of Public Data Users (CAPDU), the Canadian Association of Small University Libraries (CASUL), Statistics Canada and other government departments. Lakehead University has subscribed to this consortium-like organization which will purchase data files on a cost-shared basis from Statistics Canada. The data files to be covered under this initiative consist of a broad range of specialized survey files currently not available in paper format.

For further information regarding the Data Liberation Initiative, please contact Linda Mitchell, Government Documents Librarian (ext. 8147) or Valerie Gibbons, Search Services Librarian (ext. 8129) in The Chancellor Paterson Library. Some of your questions may be answered by checking the DLI FAQ (Frequently Asked Questions) in the World Wide Web (<http://www.statcan.ca/Documents/English/Dli/faq.htm>). Information regarding the DLI (including a list of files available and those received so far) will also be available on the Library Home Page in November.

ABORIGINAL PEOPLES' CONFERENCE

More than 110 participants from around the world converged on Lakehead last month to exchange ideas about indigenous peoples' education, literature, environment, history, language, politics, art, identity, health and social issues, land rights, philosophy, and legal and political issues.

They included scholars from as far away as Australia, Great Britain and Taiwan. Also included were some of the scholars who are visiting Lakehead this year thanks to funding provided by the Rockefeller Foundation: Jim Cheney, Viola Cordova, and Michael Pomedli.

Doug West (Political Science), one of the key organizers, said the purpose of the Conference was "to create a gathering place for intellectual and spiritual sharing." Overall he was pleased with the event although he would have liked more Lakehead faculty to participate. The conference was free to students and West estimates that about 50 students participated throughout the weekend.

Partial funding for the Conference was provided by the Social Sciences and Humanities Research Council (SSHRC).

West and his colleagues will be coordinating the publication of the conference proceedings.

VISITING HUMANITIES SCHOLARS

1996-97 marks the third year that humanities scholars working in conjunction with the Native Philosophy Project are engaged in research activities at Lakehead University. This year the campus welcomes four scholars whose work at Lakehead is being funded by a grant from the Rockefeller Foundation. The following information is taken from their résumés.

Jim Cheney is a Professor of Philosophy at the University of Wisconsin - Waukesha who received in PhD and MA from the University of Wisconsin. Cheney's research interests for the past 10 years have mainly been in the areas of environmental ethics and ecological feminism. He considers First Nations' philosophies, particularly as they pertain to questions of ethical and epistemological relationships to nature, his primary research area. He can be contacted by telephoning 346-7898.

Viola Cordova comes to Lakehead after spending the past year as visiting scholar with the Philosophy Department of Oregon State University. There her responsibilities included giving courses on World Views and Environmental Values; Native American Philosophy; and Concepts of the Sacred. Her dissertation for the PhD in Philosophy she earned from the University of New Mexico was entitled "The Concept of Monism in Navajo Thought." She can be contacted by telephone at 346-7899.

Ryan Parr works with the Department of Hematology/Oncology at the University of Utah in Salt Lake City, Utah. Parr has a PhD in Biological Anthropology from the same institution. His current research interests include the use of molecular methods to determine population genetics of ancient groups from the New World and particularly the ancient Near East. He can be reached by calling 343-8632.

Michael M. Pomedli is a Professor of Philosophy at St. Thomas More College, University of Saskatchewan, who has a PhD from Duquesne University, Pennsylvania, and a Master of Divinity from St. John's University, Collegeville, Minneapolis. Titles of recent books he has published are *Whole to Part: Tensions in Western Thinking and Aboriginal Cultures*, 1996; *Ethnophilosophical and Ethnolinguistic Perspectives on the Huron Indian Soul*, 1991; and *William Kurelek's Huronia Mission Paintings*, 1991. His phone number is 346-7897.

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SPECIAL NOTE ON YOUR BENEFIT COVERAGE:

In the October issue of *The Agora* we told you that the carrier for our Group Life Insurance coverage had been changed to Sun Life.

Please note that this is life insurance only
- no changes have been made to our medical, dental or vision insurance!!

However, this past summer the Canadian part of The Prudential Company of America was purchased by London Life, and you will notice a name change on any correspondence you may receive from them. There has been no change in our policy - all benefits are the same. We will continue to submit claims on the Prudential forms until new forms arrive.

Remember, information will be coming your way soon regarding the new Optional Life Insurance and Voluntary AD&D Insurance - watch for it!!

Benefit Rates:

Employees often ask what the actual premiums are for LU benefits:

	<i>Single Coverage</i>	<i>Family Coverage</i>
Medical Benefits	\$19.94/mo	\$60.18/mo
Basic Dental Benefits	\$26.74/mo	\$59.67/mo
Vision Benefits	\$ 2.00/mo	\$ 6.04/mo
Supplemental Dental Benefits (if applicable)	\$ 8.29/mo	\$20.89/mo

Retired Faculty and Senior Employees:

Medical Benefits	\$50.62/mo	\$101.22/mo
Basic Dental Benefits	\$30.14/mo	\$ 60.30/mo

Long Term Disability Benefits - \$0.626 x monthly salary
Group Life Insurance - \$0.24 per \$1,000 of annual salary
 times whatever coverage you have (1.5, 2 or 3 times)
Note: All rates include PST.

We're now on the Internet!! Benefits information can be found on LUCI, as we have told you previously, but it is now also available through the Lakehead University Home Page on the Internet!! Just click on Administrative Departments, then Human Resources, and see what's available!! Besides benefits information, you'll also find some collective agreements and holiday schedules. Please let us know what you think of it - just e-mail us at judy.bertrand@lakeheadu.ca.

Be sure to read your pay advice (pay deposit stub) - It contains important information.

Is This The Aging Process?

Average number of times per day a 5-year-old laughs: **150**
 A 45-year-old middle manager: **8**

Some Frequently Asked Questions about Benefits:

Q What is Lakehead University's coverage for chiropractors?

A Our plan will reimburse up to \$8 per visit (to a maximum of \$200 per calendar year) for chiropractic treatment, but **only after your OHIP maximum has been reached!!** Your chiropractor will know when you have reached this limit, and will then begin charging you the entire cost of the treatment. Once you are being charged this entire cost, you can start submitting your receipts to Prudential/London Life for reimbursement.

Q Is massage therapy covered under our plan?

A Yes, treatment by a licensed masseuse is covered up to \$8 per visit to a maximum of \$200 per calendar year, **provided you have a written referral from your physician.**

Quote of the Month: The pure and simple truth is rarely pure and never simple. Oscar Wilde

DOWN UNDER

Human Resources

Telephone 343-8334
 Fax number 346-7701



BIOLOGY SEMINAR SERIES

November 11 Monday 3:30 PM
Ken Deacon and Aparna Nirdosh,
Biology: Senate Chambers
"Rain Forest Destruction and its
Consequences."

November 22 Friday 7:00 PM
El Molto, Anthropology: Regional
Centre 1001: "Two possible cases
of lepromatous leprosy from the
Dakle Oasis in Egypt."

November 28 Thursday 11:30 AM
Lee Hester, History: CB 3012:
"American Indians, denial and bad
science."

January 16 Thursday 11:30 AM
Linda Spooner, Regional Health
Laboratory: UC 0050 "Genetic
counseling."

January 23 Thursday 11:30 AM
Lada Malek, Biology: UC 0050:
"Plant desiccation tolerance: a dry
topic for biophysics?"

January 30 Thursday 7:00 PM
I. Smith, LUSTR Co-op: Regional
Centre 0005: "LUSTR Co-op and
New Technologies for Production of
Forestry Seedlings."

February 6 Thursday 11:30AM
Jake Vander Wal, Ont. Min. Envir.
UC 0050: "How Science is becoming
less important in Society."

February 13 Thursday 11:30 AM
Inderjit Nirdosh, Biology: UC 0050:
"Allelopathy in Annual and Perennial
weeds."

February 27 Thursday 3:30 PM
Michael McPherson, Highview
Animal Clinic: Regional Centre
1002: TBA topic in veterinary
medicine

March 6 Thursday 11:30 AM
Azim Mallik: Biology UC 0050:
"Tree-shrub-mycorrhizal interactions:
implications for retrogressive succession
and forest management."

March 12 Wednesday 7:00 PM
Ronald Mahler, M.D. FRCP:
RC 0005 "Skin cancer."

March 20 Thursday 11:30 AM
Nicholas Escott and team, Thunder
Bay Regional Hospital UC 0050:
"Pathology as a career choice in the
1990s."

DEPARTMENT OF MUSIC LUMINA CONCERT SERIES 1996-97

*Concerts are held in the Jean McNulty
Recital Hall Music and Visual Arts Centre
12:30 p.m. unless otherwise noted.*

November 17

Frédéric LaCroix, piano
Ontario Young Artist Competition winner,
sponsored by the Canadian Federation of
Music Teachers' Associations and the
Thunder Bay Branch of the Ontario
Registered Music Teachers' Association
(Note: 2:00 p.m.)

*Subscriptions and tickets available from
the Department of Music. For further
information call 343-8787.*

FORESTRY SEMINAR SERIES

November 18

Yves Prévost will speak on the topic
"Peru: A Land of Challenges and Opportunity"
on Monday, November 18, 1996
at 4:00 pm in Room: RB 2042.

Slide Presentation. Everyone Welcome.

CIIA PUBLIC LECTURE

November 21

Daryl Copeland, Director, National
Programs, Canadian Institute of International
Affairs, will speak on the topic
"Canada in the Pacific Century" on
Thursday, November 21, 1996 at 8:00 pm
in the Regional Centre Room RC 1001 at
Lakehead University

Everyone Welcome. Admission Free.
The event is co-sponsored by the LU
Department of History and Air Canada.

**Deadline for submissions
to the December Agora:
December 2, 1996**

C. Trojan
External Relations

CHANCELLOR PATERSON LIBRARY HOURS

Regular Hours

Monday to Thursday
8:00 a.m. to 11:30 p.m.
Friday
8:00 a.m. to 8:00 p.m.
Saturday
10:00 a.m. to 6:00 p.m.
Sunday
12:00 noon to 9:00 p.m.

Agora

November, 1996

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