
LAKEHEAD UNIVERSITY



AGORA

Thunder Bay

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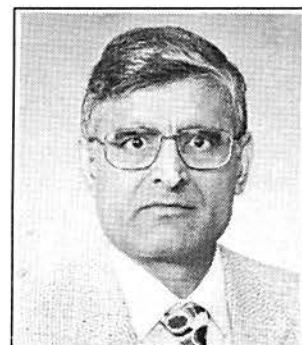
Let the Games Begin -- Lakehead's intervarsity sports team -- the Nor'Westers -- opened their 1994-95 season with the John Zanatta Alumni Basketball Games. Held every year in the Thunderdome, the games pit the men's and women's teams against alumni teams made up of former varsity players. Proceeds from the Games go toward the John Zanatta Memorial Scholarship, awarded this year to Katya Masun, one of nine CIAU "Academic All-Canadians" to study at Lakehead University.

Photo: Dave Reid

NEW COMPUTER SOFTWARE TO ENHANCE MANUFACTURING ENGINEERING EDUCATION AT LAKEHEAD

A grant of \$99,868 (U.S.) has enabled the Faculty of Engineering to acquire the computer software necessary to make Lakehead's courses in manufacturing and robotics competitive with those found at the best universities in the world. **Dr. Birbal Singh**, a Professor in the Department of Mechanical

Engineering, secured the funding from the U.S.A.-based SME Manufacturing Engineering Education Foundation. He will spend the next year installing the software and incorporating it into the final year courses he teaches in Introduction to Robotics, and Manufacturing Processes and Production Systems. Story on page 9.



Inside This Issue: Chair of Italian Studies... 1994-95 Rockefeller Fellows ... Aboriginal Peoples Conference

AROUND CAMPUS

Renovations to the Bora Laskin Building

A two-storey addition to the south west wing of the Bora Laskin Building will provide much-needed classroom and office space currently being provided by five portable classrooms outside the building.

This renovation project, made possible through the Canada Ontario Infrastructure Works program, will involve the installation of new windows to the 35-year old building, and a new, full-service elevator. Architects for the project are H. Bradford Green Architects and construction is being done by Whitehall Construction Ltd. Much of the construction will take place while Education students are on teaching assignments during the months of November and December.

Other campus projects funded through the Infrastructure program are a five-level elevator in the University Centre and life safety upgrades at the Avila Centre.

Of the \$1.685 million made available through the Infrastructure

program, one-third has been provided by the federal government, one-third by the provincial government and one-third by Lakehead University

Nordic Sport Research and Testing Institute

Premier Bob Rae was in Thunder Bay in September to officially launch the construction of a \$1.3 million facility at Big Thunder National Ski Training Centre. The 10,000 sq.ft., sloped-roof wooden building will be used as a Media Centre during the 1995 Nordic World Ski Championships next March. After the Championships, the building will be operated under the direction of Lakehead's Department of Physical Education and Athletics and used by sports groups for analysing and testing athletic performance.

Funds for the project have been provided by four partners: the Nordic World Ski Championships, Human Resources Development Canada, Thunder Bay Business Ventures, and the Northern Ontario Heritage Fund Corporation.

The new building will be situated next to the old cross-country stadium and adjacent to the 120 m/90m jump outrun at Big Thunder. It has been designed by Graham Bacon Welter and is being constructed by Van Dyk and Sons Construction Ltd.

Rural Family Resource Centre

The Rural Family Resource Centre currently operates out of rented facilities in Kakabeka, Ont., and forms an important part in the teaching and research being done by students and faculty in the Department of Social Work.

The Centre is a place where local residents may use the toy lending library, participate in seminars and exchange information about raising children and other aspects of family life. The new \$420,000 facility in Murillo, has been designed by Peterson & Habib and is being constructed by L. Pradal and Sons. It will be completed by January, 1995.



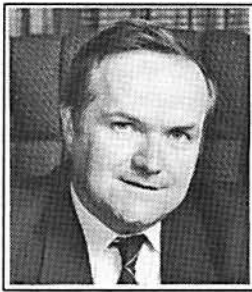
The St. Lawrence String Quartet was in Thunder Bay for the second concert in The Department of Music's popular Cornwall Concert Series. There are 9 concerts in the series this year and subscriptions can be purchased for \$60 (regular) or \$45 (students/seniors). Unless otherwise noted, all concerts are held in the Jean McNulty Recital Hall in the Music and Visual Arts Centre at 12:30 p.m. Single tickets may be purchased at the door for \$7 (regular) and \$5 (students/seniors). Upcoming concerts include:

November 1 Wayne Nickoli, trombone; Joy Fahrenbruck, piano
November 15 Joakim Svenheden, violin; Heather Morrison, piano
November 29 George Holborn, baritone; Melanie Rount, piano

Honorary Degrees A Call for Candidates

The Senate Committee on Honorary Degrees invites all members of the University community to submit the names of suitable candidates for honorary degrees to be awarded at the spring Convocation in May of 1995. It would be helpful if as much information as possible could be provided about each candidate proposed. All suggestions will be carefully considered by the Committee which will then make its recommendations to Senate. Please send your proposals as soon as possible to the attention of Dr. Mike Richardson, Chair, Senate Honorary Degrees Committee c/o Department of English.

REPORT FROM THE PRESIDENT



Dr. Robert Rosehart
President
Lakehead University

OCUA FUNDING REVIEW MEETING

On September 29, 1994, in the Lakehead University Senate Chambers, the Ontario Council on University Affairs (OCUA) held the third hearing of a two-month sequence of hearings at Ontario universities. In the morning, an impressive and varied group of regional and community groups presented briefs which strongly supported Lakehead University as a comprehensive regional university with emphasis on both teaching and research.

In the early afternoon, a panel consisting of **Dr. Jeanette Lynes** of the Department of English, **Dr. Ali Mirza** of Civil Engineering, and **Mr. Ron Keenan**, an LU student, presented their views on the relationship and inter-connection between teaching and research -- views that were based on their own experiences. By all comments received, this was much appreciated.

The final Lakehead University submission was presented by a five-person panel consisting of **Mrs. Maureen Doig** representing the Board of Governors, **Dr. Jim Gellert** representing the Senate, **Dr. Birbal Singh** representing LUFA, **Mr. Terry Robinson** representing LUSU, and **Mrs. Cheryl Balacko** representing the Labour/Management Committee. This panel presented a very comprehensive perspective on the key funding formula, accountability, and mission issues under discussion. The "unity" of the Lakehead University community was quite apparent to OCUA during the day, and I think that this reflected well on the institution. Although I was scheduled to have little direct role in the presentation, I did manage to get drawn to my feet during the question period.

The editorial comments from the south on the Lakehead University hearing are quite positive and reflect well on the mission and role of Lakehead University in this region and beyond. Once again, I am reminded of the value of having outside groups actually visit Lakehead University and see for themselves what type of a quality, post-secondary institution has evolved at Lakehead University.

In OCUA's Discussion Paper *Sustaining Quality in Changing Times: Funding Ontario Universities*, three funding models are outlined: Model A -- Modified Corridor System; Model B -- Enrolment-sensitive System; and Model C - Purchase of Service System. The bottom line is that we don't like Model C. We feel that government policy objectives could be met through additional and specific function envelopes under a revised Model A. In addition, we don't want any further move to centralized decision-making in Toronto or elsewhere.

More on OCUA in a future column as they continue their provincial swing.



HANS WESTBROEK

On behalf of the entire Lakehead University community, I would like to express our shock and sadness at the recent passing of Professor Hans Westbroek. Hans was a true visionary in his chosen fields of remote sensing and Geographic Information Systems (GIS). Hans was the key person behind our successful B.I.L.D. grant application to install the first PRIME GIS system that led to the formation of the Centre for the Application of Resources Information Systems (LU-CARIS). Hans was an outstanding teacher and, through our alumni, his vision will live on.

CIAU "ACADEMIC ALL-CANADIAN" ATHLETES

You may have noted recently the newspaper notices sponsored by the Royal Bank and the Canadian Intercollegiate Athletic Union (CIAU) identifying nine Lakehead University students (and graduates) of this past year who have achieved an Academic All-Canadian Standing (by sustaining an average of over 80 per cent). Lakehead University's athletes did very well in this regard and all should be congratulated for their efforts, both athletic and academic. One of our honoured graduates, **Geraldine Bergmans**, spent the summer as an LU exchange student at Gifu University for Education and Languages in Japan, and is currently registered in a graduate program in Ottawa.

SOCIAL POLICY PAPER, AXWORTHY, WHERE DO WE GO FROM HERE?

I apologize in advance if the following text is somewhat disjointed. My comments will focus on the Social Policy paper, but integrated with these comments will be further comments on the OCUA Funding Review and the evolving situations in England, Australia and the United States. To set the stage:

- If the Axworthy effort is successful, Ottawa will strip up to \$2 billion per year of cash transfer for post-secondary education from the provinces over, at best, a three-year phase-out period.

- The \$2 billion per year amount is a derived figure and could be less if provincial economies strengthen. For example, in 1990, Ontario got some \$315 million plus tax points, in 1994, the cash grew to in excess of \$900 million plus tax points to reflect the downward spiral of the Ontario economy. (To translate this to Lakehead University, if all of the cuts were taken by post-secondary institutions, it would be about \$12 million for Lakehead University or about one-quarter of our total budget! -- read on.)

...continued on page 4

REPORT FROM THE PRESIDENT

- At the same time, the federal government is suggesting that it will put in place an ICR type of tuition payment (up to \$2,500 per year). The Income Contingency Repayment Plan is a voucher-type system that you repay by a tax surcharge after graduation and employment (no job, no income, no payback). ICR's are far from perfect, but they do have some attractive features.

- In England, the government funding to universities has de-coupled research and teaching (sounds like Model C of OCUA). The research allocation to each institution is built up on a discipline basis by the following formula:

$$\$ = n * (G - 1) * K$$

where

n - # of active researchers by discipline

G = Research Quality Factor, of 1-5 (determined for each department in each university by government review process)

K - intensity of research cost by discipline (acknowledges that some types of research cost more than others)

- In Australia, the introduction of ICRP plus the merging of a two-tier system into one along with some consolidation translates into a 50 per cent student growth in five years.

- In the U.S., the research intensive universities are reeling under criticisms of their research accountability (both financially and ethically) and all of a sudden seem to have rediscovered the virtues of teaching and the relationship to research. (Once again, relate to OCUA Discussion Paper).

- General concern by student leaders that tuition fees will double quickly, perhaps coupled with deregulation of fees.

- Concern by the Canadian universities that post-secondary education is being singled out in the Axworthy initiative for a much larger reduction that perhaps would be fair on a proportional basis. (Once again, health care expenditures are not on the table.)

I could go on and on, but you probably have the general picture by now -- a highly confused situation. What could all this mean for Lakehead over the next few years? At this stage, it is not possible to predict with any great certainty, but a few general comments are in order. First, you should all follow and participate in the Axworthy process. It is a political process and it will affect all of us. Express your opinion. Second, this boils down, in the short term, to a serious war at the federal/provincial level. In this regard, we should all support Premier Rae in his "fair share" battle with Ottawa. Over the years, Ontario has not been treated fairly by the various tax/cash transfers and an element of fairness has to be restored to the discussions. Third, we can all hope, pray and

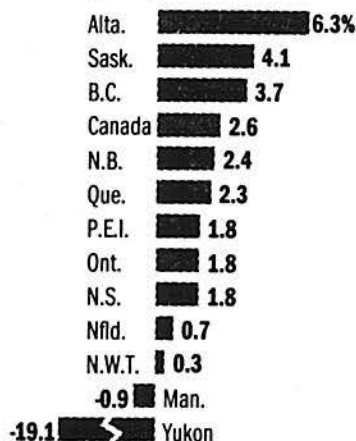
work hard to restore life into the Ontario economy. The 1993 analysis by Statistics Canada (shown below) indicates that we have some way to go. To be fair, 1994 is expected to be better but the provincial trends will probably be similar. Fourth, it is probable that as potential compensation, the federal government may institute a program of directly funding research infrastructure. Such a program would be based on granting council performance.

Finally, it is clear that, in order to maintain a quality education at Lakehead University, our total grant per student (from all sources of income) cannot decrease (it should, in fact, increase). This may imply, in the longer term, higher fees, alternative income generation, etc.

Over the next few months, we will examine, in more detail, some of the options for Lakehead University. Although the above analysis is sobering, there are some opportunities out there to control

our destiny, and we need to seriously examine the options. (More to come next month.)

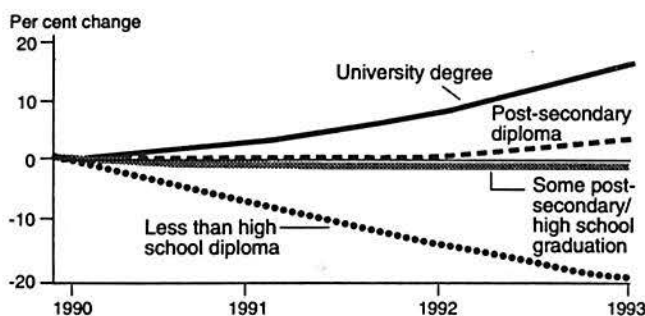
Percentage changes in GDP



TO END ON A POSITIVE NOTE

After reading the Axworthy Social Policy paper, it is hard to feel loved (Axworthy was, in his early career, a professor at the University of Manitoba), but his department did generate a graph recently that struck my fancy. Shown below is the "Growth in Employment by Education", it does indicate, by and large, that university graduates are not his major problem -- it does then seem somewhat ironic that in the social policy reform they and their institutions are being unfairly singled out.

GROWTH IN EMPLOYMENT BY EDUCATION



Source: Department of Human Resources

CHRISTMAS ARRIVES EARLY FOR THE DEPARTMENT OF LANGUAGES

by Vonnie Cheng, Development Officer

It's only September but Professor Emil Dolphin, Chair of the Department of Languages, has already been touched by the Christmas spirit of caring and giving. Santa in the guise of Dynamix Professional Video Systems has very generously donated two 27-inch Sony stereo TV Monitors, a Sony stereo VCR machine, and two speakers for the Language Lab.

Dynamix is a supplier of video systems for educational, broadcasting, production and post-production use. Based in Richmond Hill, Ont., the company also does consulting work, system design, installation, and technical support. According to Vito Giglio, Educational Manager of Dynamix, the company is keenly aware of the difficulty faced by educational institutions like Lakehead University in keeping pace with equipment needs. From their perspective, the equipment donation is an appropriate gesture of support for the organization that they serve.

From the University's point of view, it is a most welcome and timely gesture of generosity. The Department of Languages teaches Finnish, French, German, Greek, Latin, Ojibway and Spanish to hundreds of language majors and students from other disciplines including Business, Economics, History, Geography, Psychology, Engineering, Outdoor Recreation, and the Sciences.

With rapid rise in student enrolment, the shift to a global economy, and the trend toward multi-media instruction, the Department has to be innovative in their teaching techniques. Thanks to Dynamix, the Department of Languages can now add a much-needed video component to the traditionally audio mode of instruction. Mounted from the ceiling in the Language Lab, the monitors will permit the professors at the Languages Department to show segments of news and documentary television programs received from different parts of the world via satellite.

Following the television viewing, vocabulary and comprehension exercises will be given to reinforce and expand upon what has been seen and heard in the programs. As a result of the support given by Dynamix, our students will be able to gain a better understanding of the languages through extended exposure to authentic discourses.

CHAIR IN ITALIAN STUDIES INITIATED BY LOCAL ITALIAN COMMUNITY

"If our fund-raising campaign goes as expected," says **Tony Cappello**, "In about a year, Lakehead University will welcome its first Chair in Italian Studies."

Cappello is Executive Director of the **Chair of Italian Studies Fund -- Lakehead University**. He is also a graduate of Lakehead (BA'86) and for 24 years has been working in Lakehead's Office of the Registrar. Cappello and his colleagues are hoping to raise over \$1 million to endow the Italian Studies Fund in perpetuity.

Having a Chair in Italian Studies will mean that, every few years, a scholar from Italy will be invited to work at Lakehead University in conjunction with existing academic units. The Chair will not focus on language alone; rather the emphasis will be on cultural studies -- art, music, history, economics and other subjects within the arts, sciences, and professions.

"It's an opportunity to create academic excellence at Lakehead University," says LU's president Dr. Bob Rosehart, "made possible by the hard-working efforts of people in the community."

Funds for the Chair will come through a variety of sources including the government of Italy and the National Congress of Italian Canadians. In fact, the Thunder Bay and Ontario chapters of the Congress have joined forces with the Canadian

Italian Business and Professional Association of Thunder Bay to launch the campaign on October 28, 1994 by hosting a Gala Evening at the DaVinci Centre. During that special evening the Italian community will honour **Agostino Mario Caccamo, Alfred A. Petrone and Serafina Penny Petrone** with the L'Ordine D'Onore, an award recognizing distinguished service to the Italian people of Northwestern Ontario.

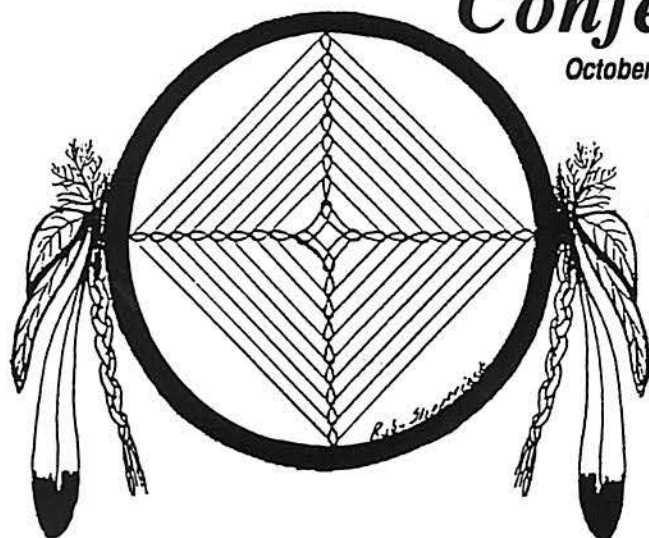
Tickets for the event are \$125/person (with \$100 going towards the fundraising campaign). For tickets and information contact **Mrs. Gina Rimanich**, President, National Congress of Italian Canadians (Ontario Region) at 623-8010 or **Mr. Silvio DiGregorio**, President of the Canadian Italian Business and Professional Association of Thunder Bay at 623-1855.



Scholars from Canada and the United States came to Lakehead University this month to participate in the first conference on indigenous knowledge.

Aboriginal Peoples Conference

October 14, 15 and 16, 1994



More than 150 people from Canada and the United States converged on Lakehead this month to exchange ideas about indigenous knowledge.

The Aboriginal Peoples Conference, funded in part by Canada's Social Sciences and Humanities Research Council (SSHRC), verifies that Lakehead University is providing the leadership to facilitate the process of making indigenous knowledge an established and accepted component of academic enquiry.

"The fact that LU has attracted scholars from a variety of Canadian and U.S. based Universities means that, in our commitment to being a university of the North, we have established our credentials for quality learning about indigenous knowledge," says Dean of Graduate Studies and Research Connie Nelson.

The idea for the conference developed last year when a number of professors from Lakehead were driving back to Thunder Bay after attending the Native American Studies Conference at Lake Superior State University in Sault Ste. Marie, Michigan.

"We noticed the conference didn't include many Canadians," says Political Studies Professor Doug West, "so we thought about holding our own conference at Lakehead University and tying it in with the Native Philosophy Project."

Each of the three Rockefeller Visiting Humanities Research Fellows gave a keynote address during the Conference: Dr. Laura Donaldson spoke about Orality, Literacy and Indigenous Learning; Dr. Gordon Christie outlined the problems in attempting to define Native Philosophy; and Professor Deborah Doxtator shared her thoughts about writing the history of Native peoples.

The Conference included a session at Old Fort William, a PowWow in the Agora, and a Traditional Feast with the Juno-award winning musician Lawrence Martin as keynote speaker.

Conference organizers are grateful to Bearskin Airlines, Canadian Airlines and Marlin Travel for providing travel services at a discounted rate.

Special thanks go to Yvonne Sabourin and Shannon Williams for supplying moose meat for the Traditional Feast.

Conference Papers included:

Medicine Wheel Teachings in Native Language Education,
Lena Odjig White, Lakehead University

Native American Religious Traditions: Sold, Misused and Misunderstood
John D. Williams, University of South Florida

The Sources of History in the Work of Jane Ash Poitras
Patricia Vervoort, Lakehead University

The Original People of Northwestern Ontario are (A)nishnawbeg and No One Else
George Kenny, Lakehead University

Native Studies, IATV and the Commodification of Truth
Phil Bellfy, Michigan State University

Indian Gaming in the United States: A Permanent or Transitory Method of Economic Development
Robert P. Morin, University of Nevada

Science and Power and Native Peoples: Towards an Indigenous Theory of Science
Laurie Anne Whitt, Cornell University

The Trickster as Undifferentiated Consciousness
Karl E. Jirgens, Algoma University College

The Meaning of Menarche: Experiences of Ojibway Female Elders
Donna Christine Marshall, Northern Michigan University

Conference Proceedings:

A refereed, edited version of the Conference papers will be published by Lakehead University's Centre for Northern Studies -- (807) 343-8360.

Professor Ruby Slipperjack-Farrell (Education) and Dr. Doug West (Political Studies) will be publishing a volume of excerpts -- (807) 343-8304.

1994-95 ROCKEFELLER VISITING HUMANITIES RESEARCH FELLOWS

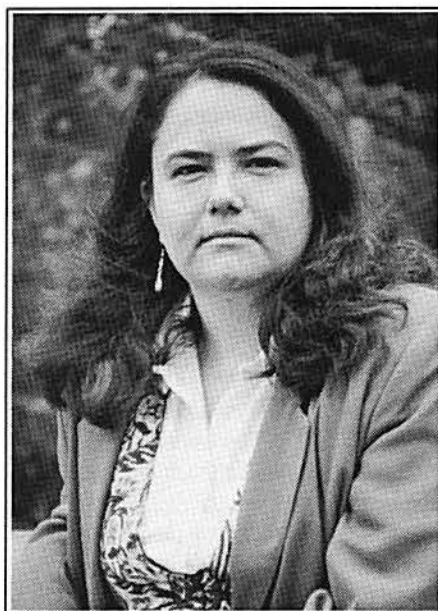


Dr. Laura Donaldson

Dr. Laura Donaldson is Associate Professor of Women's Studies and English at the University of Iowa. She also teaches in their American Indian Studies Program.

Of documented Cherokee descent, Dr. Donaldson has studied at Guilford College, Vanderbilt University, Exeter College of Oxford University, and the Graduate Institute of the Liberal Arts at Emory University where she earned her PhD in English Literature and Critical Theory.

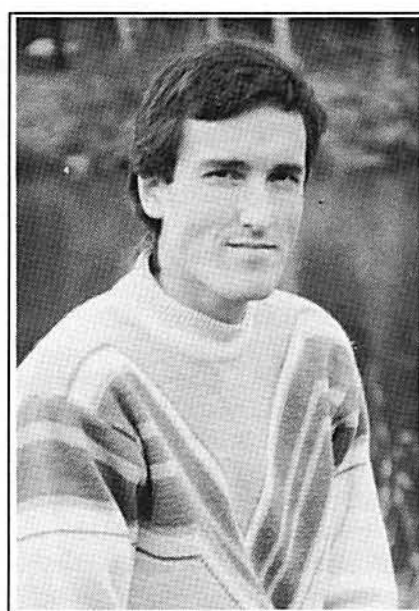
The working title of her research project, which she is writing under contract to the University of North Carolina Press, is *The Skin of God: Native American Writing as Colonial Technology and Post-Colonial Liberation*. This book-length study is an extension of her previous book *Decolonizing Feminisms: Race, Gender, and Empire Building* (Chapel Hill: University of North Carolina Press, 1992).



Professor Deborah Doxtator

Professor Deborah Doxtator is from Tyendinaga, the Mohawk reserve on the Bay of Quinte. She holds a Bachelor of Arts degree in English and History from Queen's University, an MA in Canadian Studies from Carleton University, a Master of Museum Studies (with specialization in the development of Native museums) from the University of Toronto, and she has just completed, at the University of Western Ontario, her doctoral dissertation, entitled *What Happened to the Clans? A History of Iroquoian Social Change 1784 -- 1900*. She is also author of a monograph, *Fluffs and Feathers: A Resource Guide on Stereotypes and the Symbols of Indianness* (Brantford, Ontario: Woodlands Cultural Centre, 1988, second revised edition, 1992). This monograph is intended to accompany an exhibit on stereotyping for which she was Guest Curator. It is currently being toured by the Royal Ontario Museum.

Here at Lakehead, Professor Doxtator is exploring similarities and connections among Hodensaunee (Iroquois), Cree and Ojibway writers of the nineteenth and twentieth centuries who have attempted to connect traditional world views with the realities and challenges of their contemporary lives.



Dr. Gordon Christie

Professor Gordon Christie is engaged in critiquing Western models of epistemology, metaphysics, political theory and ethics on the basis of an Inuit world view which, he argues, seems to place much more emphasis on interconnectedness, both on the human-human level and on the nature-human level.

Professor Christie, who is himself Inuit, began his education at the residential school in Inuvik, Northwest Territories, and went on to study philosophy at Princeton, the University of Virginia, and the University of California, Santa Barbara.

He comes to Lakehead from the University of Victoria where he was studying Law in order to better understand the impact of government policies on the Native peoples of Canada.

Dr. Yves H.J. Prevost has been recognized as a Distinguished Toastmaster for his participation in Toastmasters International's educational program. To receive the honour, a member must have participated in Toastmasters Communication and Leadership Program and met other rigorous requirements. Only a few of the more than 180,000 members of Toastmasters International ever achieve this recognition.

Dr. Laurie J. Garred (Chemical Engineering) has recently published the following articles: "Optimal Hemodialysis -- The Role of Quantification", *Seminars in Dialysis* 7, 236-245, 1994 and "Use of TUTSIM Package in a Chemical Engineering Reactor Design Course", *American Society for Engineering Education Annual Conference Proceedings* 1844-1847, 1994.

Two other papers have been accepted for publication: "Simple Kt/V Formulas Based on Urea Mass Balance Theory" and "Simple Equations for Protein Catabolic Rate Determination from Predialysis and Postdialysis BUN". These will appear in future issues of the *American Society for Artificial Organs Journal*.

The January 1995 edition of *Seminars in Dialysis* will print an "expert's response" by Garred to a reader's query posted in the journal's Dialysis Clinic question and answer forum.

Dr. Thomas M.K. Song, Professor of Physical Education and Athletics, Coordinator of Human Performance Laboratory, and Fellow of the American College of Sports Medicine (FACSM), has become a member of the 25-year Member Club of the American College of Sports Medicine and has been presented with a specially commissioned original piece of art that commemorates his 25 years of devotion to the college. The American College of Sports Medicine is the largest international sports medicine organization in the world, with nearly 14,000 members involved in science,

medicine, education and sports. Its primary mission is to generate and disseminate research and information on the benefits and effects of exercise as well as the treatment and prevention of injuries occurring in sports, exercise and fitness activities.

Dr. Peter Duinker (Forestry) presented a paper entitled "Managing Biodiversity in Canada's Public Forests" at an International Forum of the International Union of Biological Sciences on "Biodiversity: Science and Development -- Towards a New Partnership", in September 1994 in Paris. In the same month he also presented a paper entitled "People and Forests: Fitting Carbon into a Perplexing Future" at a NATO Advanced Research Workshop on "The Role of Global Forest Ecosystems and Forest Resource Management in the Global Carbon Cycle" in Banff, Alta.

Dr. Jane Crossman (Physical Education) gave an invited address to participants at the annual New Zealand Sport Science Conference held in Wellington, September 30 - October 2, 1994. She recently had a paper, co-authored by John Jamieson (Psychology) and Linda Gluck, entitled "The emotional responses of injured athletes" accepted for publication in *The New Zealand Journal of Sports Medicine*. Jane is currently a Visiting Professor at The University of Otago in Dunedin, New Zealand where she is guest lecturing and working on her research concerning the psychology of injury.

Dr. Jeanette Lynes (English) participated in the Maritime Writers' Workshop at the University of New Brunswick this past July. She has published two poems in *The Antigone Review*, no. 97 (Spring, 1994), and one poem in *Prairie Fire*, vol. 15, no. 2 (Summer, 1994). Also, her piece on student evaluations which appeared in the summer 1994 issue of *The Lakehead University Teacher* has been accepted for publication by *The Teaching Professor*, and will be reprinted in November, 1994 issue.



Educational Management and Leadership: Word, Spirit and Deed for a Just Society (1993) a book by **Dr. Douglas Thom** (Education) continues to be received well. Based on the author's research, teaching and service, the text is attracting interest from organizations nationally and internationally, e.g. University of Victoria, B.C., University of Saskatchewan, University of Toronto, Cornell University, N.Y. and administration institutions in England, Australia, India, and the Orient.

MAGNUS THEATRE PRESENTS

OLEANNA
Nov. 17 - Dec. 3

"A male college instructor and his female student sit down to discuss her grades and in a terrifyingly short time become participants in a modern reprise of the Inquisition. Innocent remarks suddenly turn damning. Socratic dialogue gives way to heated assault. And the relationship between a somewhat fatuous teacher and his seemingly hapless pupil turns into a fiendishly accurate X-ray of the mechanisms of power, censorship, and abuse". -- Vantage Books Edition

Magnus Theatre's third production of the season is an absorbing and gripping drama by David Mamet that has inspired much heated discussion wherever it has played. For tickets and information call the Magnus Theatre box office at 623-1321.



NEW COMPUTER SOFTWARE TO ENHANCE MANUFACTURING ENGINEERING EDUCATION AT LAKEHEAD

Story Continued from Page 1

"With this software the students will be able to simulate the design and operation of manufacturing equipment and processes," says Dr. Singh. "It's the next best thing to having design equipment worth hundreds of thousands of dollars."

Dr. Singh, who is a specialist in oil sands technology, says this grant will enable him to diversify and to build a new area of expertise that will improve teaching at Lakehead University.

The grant includes: One Algor, Inc. EduPak Software Gift Award valued at \$19,895, sponsored by Algor, Inc.; two Aries Technology MSc/Aries (TM) Software Gift Award valued at \$35,500 each for a total value of \$71,000, sponsored by Aries Technologies Division of MacNeal-Schwendler Corporation; one Autodesk AutoCAD Designer valued at \$1,500, sponsored by Autodesk, Inc.; one Carr Lane Tool Designer's Assistant Software Gift Award valued at \$1,988, sponsored by Carr Lane Manufacturing Company; and one E-Z Systems Inc. Software Gift Award valued at \$5,485, sponsored by E-Z Systems Inc.

The SME Manufacturing Engineering Education Foundation is a wholly-owned subsidiary of the Society of Manufacturing Engineers (SME). The Foundation is committed to the improvement of manufacturing productivity by supporting the growth of manufacturing engineering and engineering technology education.

WHAT'S HAPPENING IN THE LIBRARY

CD ROM Network

The Library is pleased to announce the installation of its CD-ROM network. This network enables more than one user at a time to search the following CD-ROMs: Biological and Agricultural Index, Business Periodicals Index, Canadian Business and Current Affairs, ERIC, Nursing and Allied Health, PsycLIT, Sociofile, SPORT Discus and TreeCD. The CD-ROM network is also available for searching at the Education Library. Other CD-ROM databases are available through the Circulation Desk and can be searched using the CD-ROM stand-alone workstations. For more information contact the Search Services Librarian at ext. 8129.

MLA International Bibliography on CD-ROM

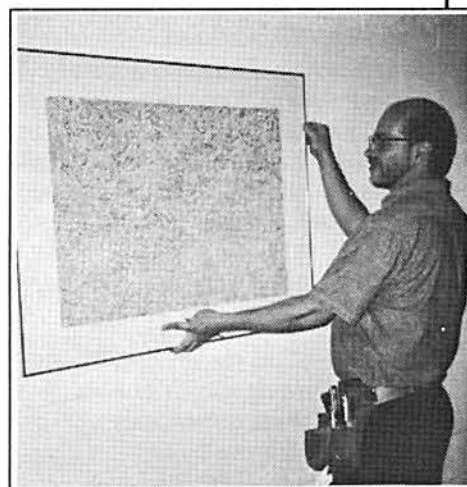
Try the newest addition to our CD-ROM collection! This CD-ROM corresponds to the print MLA International Bibliography and includes citations to critical documents on literature, languages, linguistics and folklore. MLA International Bibliography on CD-ROM can be searched using the CD-ROM stand-alone workstations.

Clearinghouse of Subject-Oriented Internet Resource Guides

Based at University of Michigan, this Clearinghouse provides guides for finding Internet resources in different subject areas. Included are Internet subject guides for areas such as: agriculture, art and architecture, business, Canadian Government, Computer Engineering, Education and many other interesting subject areas. To access this Clearinghouse, follow this path on LUCI:

External Services and Information/Other Campus Wide Information Systems/Other North American Servers/USA/Michigan/Clearinghouse of Subject-Oriented Internet Resource Guides.

Art Bank works can be contemplative, challenging, moving, beautiful, thought-provoking, or simply "different"



Thirty-seven new pieces of art were installed on campus this fall as Lakehead University renewed its three-year contract with The Canada Council's Art Bank for a total cost of \$5,700 per year.

"Lakehead's involvement with the The Art Bank program began seven years ago when 70 works of Canadian art were installed on campus," says Joy Himmelman, Director of External Relations. "As well as creating a more aesthetically pleasing environment, the program has enabled Lakehead University to fulfill some of its educational mission since people in Northwestern Ontario don't have the same opportunity as others to view modern Canadian art."

The Art Bank is a simple but unique concept for bringing contemporary art and the public together. It has a twin focus: it purchases the works of Canadian artists and it makes them available to the public, mainly through rental to government and non-profit organizations across Canada.



NOTES FROM THE LUARC REPORT ON FACULTY'S PERCEPTIONS AND EXPERIENCES REGARDING RACISM

The last issue of the *Agora* contained excerpts from the report that the Lakehead University Anti-Racism Committee has released on the Students' survey. The *Report on Faculty's Perceptions and Experiences Regarding Racism at Lakehead University*, has been prepared and copies are available in the Chancellor Paterson Library and the Gender Issues Centre. Of 310 questionnaires distributed to faculty, 92 were completed and returned, representing a 30% response rate.

What were the major findings?

- 19% of the respondents identified themselves as a visible racial minority or of Aboriginal ancestry.
- 66% of the respondents were male, 32% female (a higher response rate by females than reflects the actual distribution of LU faculty by sex 80% M 20% F).
- few respondents identified having initiated a racial incident on campus.
- 45% of the respondents had experienced a racial incident on campus.
- 51% of the respondents had observed a racial incident;
- 19% of the respondents had seen hate literature about minorities at LU.
- only 2% reported a racial incident if they were a victim; 4% if they observed an incident, most (29%) communicated their displeasure, followed by 26% who ignored the incident.

Respondents believed that the faculty is racially, culturally and ethnically diverse (71%) and that persons of all racial and ethnic backgrounds have equal chances of being elected to important decision-making positions (67%).

Over half of the respondents wrote in comments, issues and recommendations. The most frequently raised comment was the need for inter-cultural, racial awareness-raising and education.

"There is a need for a more and continuous campaign against racism"

"Sensitizing through awareness programs are not enough -- LU's curriculum as a university is too narrow and void of culturally relevant materials to accurately represent the student population."

Other recommendations included:

- develop an anti-racism policy
- define racism
- develop policies which proscribe discriminatory or offensive speech, writing, and behaviour - "a genuinely balanced media approach is necessary to foster and encourage harmonious relations"

- develop appropriate procedures to investigate racism
- develop and promote complaint procedures
- develop, promote and implement policy
- remove graffiti
- ensure faculty, staff and students represent visible minority groups

What's next?

A report on the staff survey will be written followed by a discussion paper by LUARC which will summarize the observations, conclusions and recommendations from the faculty, staff and students reports; the report on the review of LU promotional materials and publications; and other LUARC work.

LUARC will then hold consultations on the discussion paper which will allow for validation, revisions and amendments to the audit work and will guide the development of the anti-racism policy.

LU Injury Statistics: January 1 to May 31, 1994

COMPENSABLE INJURIES

	Jan. 1 - Sept 31 1994	Same Period Last Year
Medical Aid Injuries		
Approved	37	21
Pending Decision by WCB	6	--
Lost Time Injuries		
Approved	7	6
Pending Decision by WCB	0	--
Number of Days Lost		
On Approved Claims	45	192.5
On Claims Pending	0	--

SAFETY NOTE: Injured on campus? There are three levels of first aid service available to you.

Level A, or On-site Routine First Aid. For minor injuries, such as small cuts or scrapes, contact your nearest Designated First Aider, and/or use the contents of the nearest first aid kit.

Level B, or Off-Site First Aid. If you are able to walk, and (a) your injury requires additional care, or (b) you cannot locate a Designated First Aider and/or a first aid kit, visit the Health Services Department, or Security Services in the University Centre Building.

Level C, or On-Site Special First Aid. If you are unable to visit Health Services or the Security Department, and (a) your injury requires immediate additional care, or (b) you cannot locate a designated first aider and/or first aid kit, call Security at 8911. A Security Officer or Emergency First Response Team Member will be dispatched to your location.

SECURITY EMERGENCY: All Emergencies: 24 hours 8-911 except: from Forestry Biology & Health Sciences North) 9-343-8911 from pay phones & private phones on campus 343-8911

"Working toward a safe and healthy environment for work and study."

DOWN UNDER

Congratulations!

The Joint Health and Safety Committee recently held its election of officers for 1994/95. Congratulations to the new worker co-chair Bill Keeler, the new management co-chair Peter Kerr, and returning secretary Norma Gibson. The balance of your Joint Health and Safety Committee is as follows:

Representing Workers:	Designate:	Phone:	Alternate:	Phone:
CUEW	Charlotte Young	8476	Pat Buffington	8438
IUOE	Alex Bohler	8119	Bob Thibodeau	8119
LUFA (Faculty)	Yves Prevost	8342	Ted Garver	8250
LUFA (Librarians)	Lynn Barber	8251	Gisella Scalese	8147
OPEIU	Norma Gibson	0	Vacant	
SEIU	Ian Munro	8488	Jason Wigmore	8488
USWA	Richard Stucky	8569	Brian Stecky	8569
Schedule I	John Bonofiglio	8021	Judy Bertrand	8334
Schedule II	Bill Keeler	7724	Anne Klymenko	8223
Technicians	Dave Corbett	8233	Ralph Birston	8783

Representing Management:

Academic	Geraldine White	8149	Jessie Sutherland	8397
Academic	Darlene Althoff	8153	Al MacKenzie	8294
Administration	Bill Bragnalo	8757	Dave Christie	8626
Administration	Peter Kerr	8370	Mike Turek	8488
Administration	Paul Brezanoczy	8131	Becky Hurley	8130
Administration	Stan Nemec	8172	Grant Walsh	8452

Ex-Officio Members:

LUSU President	Terry Robinson	8550
Human Resources Officer - Health & Safety	Marla Peuramaki	8671

Harassment and Discrimination Policy and Procedures

On September 16, 1994 the Board of Governors approved the Harassment and Discrimination Policy and Procedures. This policy and accompanying procedures are available on LUCI using the following access:

1. LUCI
 2. About Lakehead University
 3. Policies of the University
 4. Human Resources
 5. Harassment and Discrimination Policy and Procedures
- You're there!!

Benefits and Professional Pension Plan Text:

Information about dental, medical, vision, EAP, voluntary accident insurance, self-funded leave, etc. is also available on LUCI using the following access:

1. LUCI
 2. Internal University Services and Information
 3. Administrative Units
 4. Human Resources
- You're there!!

Reminder: The Christmas closure for Lakehead University will be from noon on December 23, 1994 to and including Monday, January 2, 1995. The University will re-open on Tuesday, January 3, 1995.

Human Resources: Telephone 343-8334
Fax Number 346-7701

Quote of the Month: *Opportunity always involves some risk. You can't steal second base and keep your foot on first.*

CAMPUS CALENDAR

To include your Department's event or activity in the Campus Calendar, please call Frances Harding at the Information Office at 343-8193 or mail your information to Avila Centre. Deadline for the November Agora is October 31, 1994.

OCTOBER / NOVEMBER

OCTOBER 21 PhD Program Opening ceremony

The opening ceremony for the PhD Program in Clinical Psychology will be held on Friday, October 21 from 5:00 to 9:00 p.m. in the Faculty Lounge. Hors d'oeuvres and a cash bar will be available. Everyone is welcome, especially Alumni of the psychology program. Help celebrate the first PhD program formally offered by Lakehead University.

OCTOBER 23 Sonnet Chamber Choir Concert

"Song of the South" - Choral Music from the Southern United States - will be performed at 8:00 p.m. at St. Anthony's Church on Hildale Road (by County Fair Plaza). Advance Tickets are priced at \$8 for adults, \$6 for seniors and \$5 for students (all tickets \$10 at the door). For information call 345-2044.

OCTOBER 27 "The War Room"

The Thunder Bay Press Club invites you to attend a screening of *The War Room*, an American documentary about Bill Clinton's campaign wizard: P.R. genius James Carville. Co-sponsored by the North of Superior Film Association and followed by a panel discussion, the film begins at 8:00 p.m. at the Paramount Theatre, \$3.00 Film Association Members, \$7.00 Non-members.

October 30 - Children's Halloween Party

LUCC's Children's Halloween Party for all faculty, staff, students and their families will be held at 2:00 p.m. in the main cafeteria.

OCTOBER 27

The Geoffrey Engholm Lecture in Political Studies

Dr. Peter Emberley of the Political Studies Department at Carleton University will give a public lecture entitled "Liberal Education Under Fire: Multiculturalism and the Myth of the Western Canon" at 7:30 p.m. in the Avila Centre Cafeteria. Free Admission. Everyone Welcome.

NOVEMBER 4

Tom Miller Dinner And Scholarship Fund

You are invited to join Tom as friends, colleagues and former students pay tribute to his role in creating and shaping Lakehead University. Friday, November 4, 1994, 6:30 to 10:00 PM in the Faculty Lounge. Tickets are \$100 each, of which \$75 will go towards the Tom Miller History Scholarship Fund and tax receipts will be issued. For further information contact Professor V. C. Smith or Dr. E.R. Zimmermann at the Dept. of History at 346-7725.

NOVEMBER 10

Aging and Health Rounds

NECAH, The Community Teaching Network and Wesway are co-sponsoring Aging and Health Rounds. Topic: Personalized Respite and Community Building. Presenters: Rob Barrett and Deborah Makila, Community Development Coordinators, Wesway 12:00 noon - 1:00 p.m. in the Lecture Theatre at Health Sciences North. Lunch will be provided; please RSVP Lynda at 343-2126.

NOVEMBER 17

Slide Show and Talk "Adventures in Northern Russia"

Dr. Roger Mitchell and Valerie Dennison will give a slide show and talk about their experiences and observations of life in Siberia and the Russian Arctic which they visited during the course of geological field work. The talk will take place at 7:30 p.m. in the Faculty Lounge. Free Admission, Refreshments will be served.

AGORA

The AGORA is produced by the Information Office, Department of External Relations, Lakehead University, Thunder Bay, Ontario. It is published monthly (except July and August) and is distributed free of charge to the University's faculty and staff, local government, media, businesses and friends of the University. Credit is appreciated when material is reproduced or quoted.

Director of External Relations:

Joy Himmelman

Co-ordinator, Information and Promotion

Services: Katherine Shedden

Publications Officer: Frances Harding

Communications/Special Events Officer:

Denise Bruley

Photography: Peter Puna and PR staff

Graphics: Ben Kaminski, Nicole Sutherland

Printing: LU Print Shop

Address correspondence to:

Editor/AGORA

Information Office, Avila Centre

Lakehead University

Oliver Road, Thunder Bay, Ontario

P7B 5E1

(807) 343-8300

FAX (807) 343-8192

E-mail:

FHarding@alumni.LakeheadU.CA

CD Trojan

Devel. & Alumni Affairs

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