
LAKEHEAD UNIVERSITY



AGORA

Thunder Bay

Ontario, Canada

Vol.12, Number 5

June 1995

1994-95 MEDALS & AWARDS

Poulin Award: Stephannie C. Roy

President's Award: Christina Colleen MacLean, Jennifer Frances Metcalfe, Susan Patricia Boyes, Maria Grazia DeAgazio, Angela Nicole Lockart, Jennifer Lee Milne, Jennifer June Reszityk

Dean of Arts and Sciences Medals: Karen Noonan, Andrea Kohan, Geert van der Veen, Darren Shane Compton, Melanie F. McCallum, Jeffrey A. Kemp

Dean Braun Medals: Tracey Louise Michano, Timothy Malcolm Shuff, Nancy Mazure-Hall, Janine Holly Barker, Richard Warren McKinley, Adrienne Regina Stolz, David Hans Schroeder, Stephen M. Blazino, Phillip Charles Elkie, David Foster Martin, Dwayne Wesley Fuchs

William A. West Education Medals: Jane Hawketts, Sharron Marie Stadlander, Kristi Lynne Kustura, Tammy Theresa Bobyk, Helen Catherine Wassegijig, Wayne Bernard Fletcher

Chancellor's Medal: Allison Margaret Dove, Shelly Rae King, **Governor General's Gold Medal:** Dale Andrew Harrison, **Governor-General's Silver Medal:** Sharon Louise Frenette, **Governor-General's College Bronze Medal:** Michael David Plata, **Lieutenant-Governor's Medal:** Timothy Malcolm Shuff



Former Thunder Bay mayor Saul Laskin and his grandchildren take a closer look at the huge birthday cake made by Versa to celebrate Lakehead's 30th Anniversary and the City of Thunder Bay's 25th Anniversary. Laskin was presented an honorary degree at Convocation along with Monique Frize, Helen Donis-Keller and Timothy Findley. An excerpt from Timothy Findley's address to the class of '95 can be found on page 12.

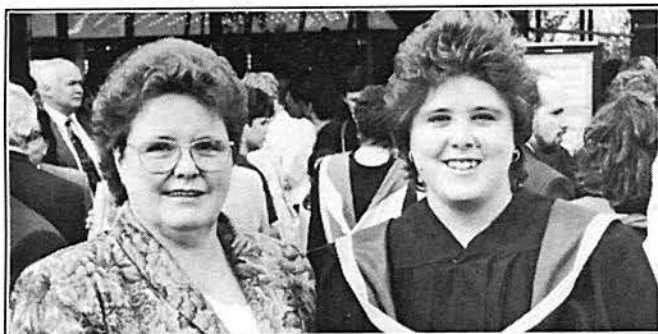
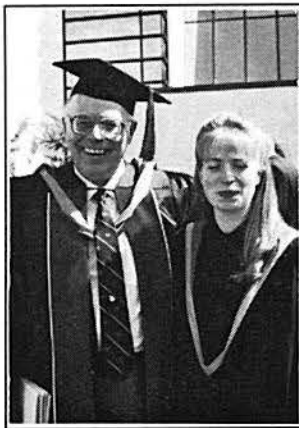
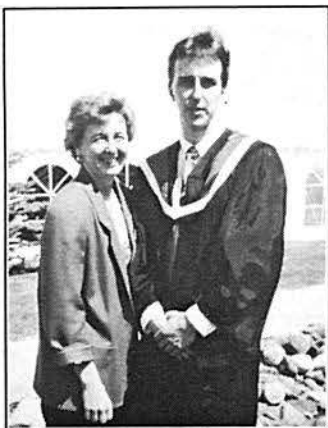


Twenty-five Japanese students from the Gifu University of Education and Languages arrived in Thunder Bay in May for a three-month visit. They will be living on campus, attending classes during the day, and taking part in a variety of activities in the evenings and on weekends. Course work includes Canadian geography, history, literature, politics, and Native culture.

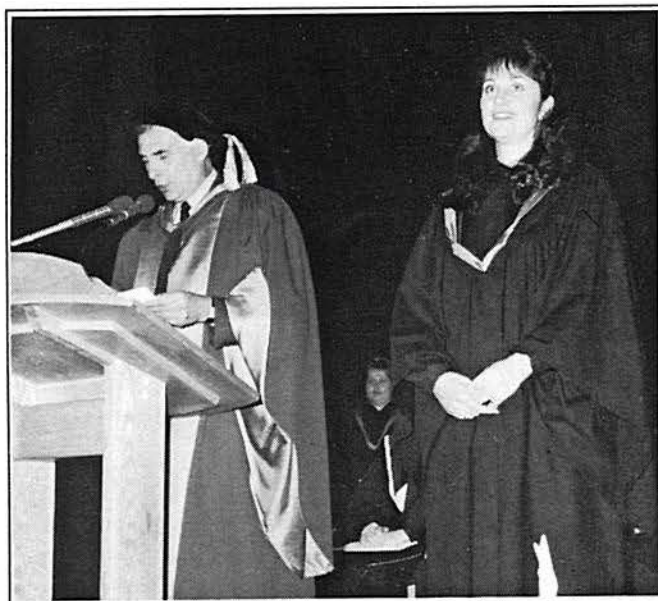
"When the students return they will have a better understanding of Canada and its people. They will have improved their English. And they will have made some good friends in Thunder Bay," says Program Assistant Susan Burton. Among the many activities planned are a trip to the Thunder Bay Art Gallery, breakfast at the Hoito, and a visit with Mayor David Hamilton.

Inside: Convocation 1995...Women in Leadership: Experiences of School Administrators and Nurse Managers

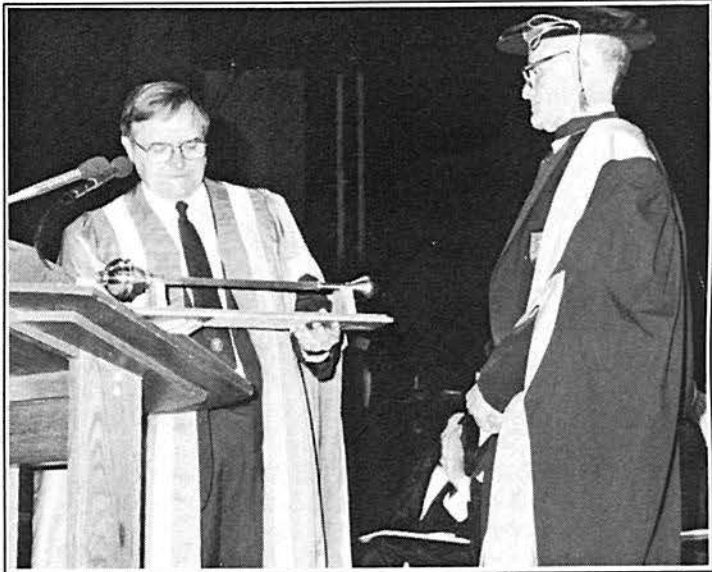
CONVOCATION 1995



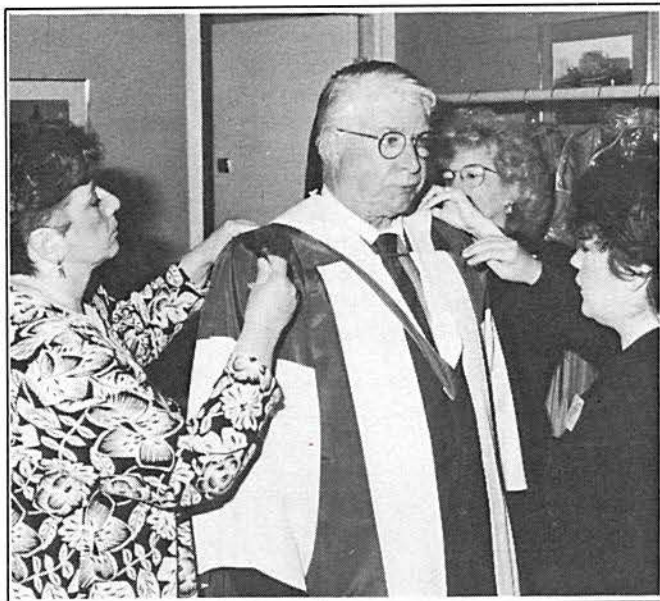
Proud Parents (top left): Susan Childs (Engineering) with Jay, Dr. Roger Delaney (Social Work) with Michelle and (below) Uta Hicken (Education) with Stacie.



Kathleen Gazey (HBSc'95) (Forestry) has worked long and hard for this moment. She began taking courses eight years ago as a part-time student while working in the Faculty of Forestry. Last year, thanks to Lakehead University's self-funded leave program, she managed to take a 12-month leave of absence to complete her HBSc (Biology) degree as a full-time student and to spend four months travelling in Southeast Asia. In the fall Gazey hopes to begin another series of part-time courses -- this time for a Master's degree in Forestry.



Dr. George Merrill, retiring this year after 32 years of teaching in the Department of English, received the title Professor Emeritus. The University also presented him with a replica of the mace which he has carried for so many years during Convocation. The replica was made by Engineering Technologist Kailash Bhatia and is comprised of materials found in Northwestern Ontario including amethyst and a pine cone from a tree on campus. All of the rocks were provided by the Department of Geology and were cut and polished by R. Viitala.



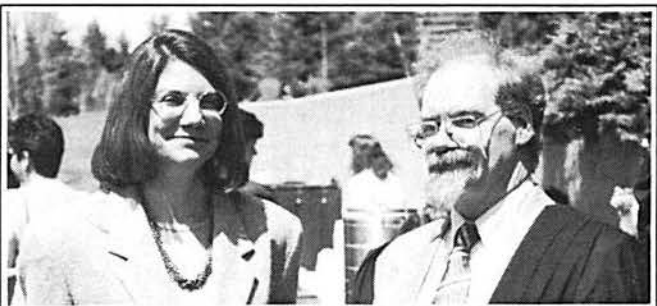
Luci Andreacchi, Linda Phillips, and Denise Bruley lend a helping hand to the honorary degree recipients, including author Timothy Findley (above). In his address to the graduating class, he said, "I believe imagination is our greatest asset, as human beings, and I believe it is our best, perhaps our only weapon against despair.... to survive we must imagine more."



Director of the School of Nursing Dr. Lorne McDougall and two former directors Professor Margaret Page and Professor Margaret Boone planted a red maple tree outside the Nursing building to celebrate the School's 30th Anniversary. Standing to the left of Chancellor Lois Wilson is Dr. Josephine Flaherty, a Fellow of Lakehead University, who has recently retired as the Principal Nursing Officer of Canada.



Lakehead's annual Convocation Eve Celebration, sponsored this year by Thunder Bay Travel and Airline Hotel, was held in The Outpost and attracted more than 400 people. Some of the staff, faculty and members of the Alumni Association who welcomed the new grads and their families included: (Front Row -- left to right): Dave Syncox, Rob Zuback, Betty Coates (Back Row -- left to right): Jim Kalyta, Professor Tom Stevens, Geraldine White, Fred McIntosh, Mickey Christiansen, Professor Margaret Page, Karen McIntosh, and Meseret Abebe.



For the first time ever, Lakehead awarded an honorary degree to one of its own graduates -- Helen Donis-Keller -- shown (left) with Dr. M.J. Richardson (English).

SSHRC International Summer Institute: August 14-24

International teams of social science researchers will gather at Lakehead University for this 11-day event to work together on issues related to the delivery of health care in rural and remote areas. They will be challenged in the definition and development of their ideas by three eminent provocateurs. **Dr. Philip Perry** will give the opening presentation on August 14. Recipient of the American Child Psychiatry Gold Medal Award for the Most Outstanding Program in North America, Dr. Perry is a Psychologist who teaches at the Universities of Calgary, Victoria, British Columbia and Mount Royal College. **Miss Dorothy Hall**, until recently Nursing Coordinator with the Ontario Ministry of Health, and formerly with the WHO, has extensive practical and administrative nursing experience in Canada, South East Asia and Europe. Miss Hall will attend the Institute on August 21. **Dr. L. Gary Hart**, recipient of this year's Distinguished Researcher Award from the American Association of Rural Health, will participate on the final day, August 24. Dr. Hart, a medical geographer, is Director of the WAMI Rural Health Research Centre at the University of Washington.

Mentors, experienced and well-published senior scholars, will provide on-site guidance and support. They include **Dr. John Humphreys**, a geographer at the University of New England, New South Wales, Australia; **Dr. Lise Lyck**, economist at the Copenhagen School of Business in Denmark; **Ms. Erin Keough**, Director of the Open Learning and Information Network at Memorial University; and **Dr. Jack Williams**, Deputy Director of Research at the Institute of Clinical Evaluative Sciences in Ontario. A group of practitioners, led by **Dr. Pete Sarsfield**, MOH with the Northwestern Ontario Health Unit, will join them for the mid-weekend to provide a valuable "reality check."

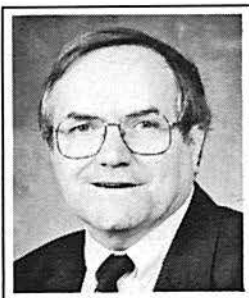
1996 OLYMPIC TRIALS

Lakehead University will be the site of the 1996 Olympic trials for Wrestling from February 1-4, 1996.

CBC Sports will be covering the event, with a one-hour television telecast. "This makes the event one of high priority for the Canadian Amateur Wrestling Association and the Northwestern Ontario Amateur Wrestling Corporation," says Wrestling Coach Francis Clayton.

Clayton is looking for volunteers to serve on the organizing committee and to plan a reunion for all wrestlers, coaches and administrators who were associated with the 1976 Olympic Trials for Wrestling. For more information contact the School of Kinesiology at 343-8213.

REPORT FROM THE PRESIDENT



Dr. Robert Rosehart
President
Lakehead University

SHINERAMA '95

Friday, September 22, 1995, is Shinerama Day at Lakehead University. This long-standing tradition at Lakehead serves to raise funds nationally for Cystic Fibrosis research. This year's Shinerama Co-ordinator is Jennifer Padden.

LAKEHEAD TECHNOLOGY RESEARCH CENTRE

This is a non-profit corporation recently established by the Board of Governors to facilitate several specialized initiatives relating to Research activities on campus. To date, one program is active, a Northern Ontario Data Base initiative, but several more are in various planning stages involving other partners. L.T.R.C. operates with its own Board of Directors and the principal liaison with Lakehead University is Dr. Connie Nelson. This type of unit is becoming very common in Canadian and world-wide universities and helps to build a more functional and accountable relationship with external partners. L.T.R.C. will have, as one of its key objectives, the stimulation of research activities at Lakehead University.

SMALL BUSINESS CONSULTING SERVICES

Often after a program has operated for some time, it is quietly taken for granted. One such initiative at Lakehead University is the Small Business Consulting Service (S.B.C.S.) operated by students from the Faculty of Business Administration for over 20 years. The students provide affordable consultation primarily to small and medium-sized firms in all aspects of marketing research, business plan and feasibility preparation, computer training and financial planning. The "process consulting" approach is used wherein the client is involved in each aspect of the project. The Project Co-ordinator this year is Mark Sawchuk (343-8660).

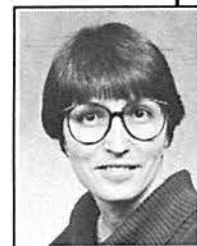
O.C.G.S. APPRAISALS COMMITTEE

Congratulations go out to Professor Mary Clare Courtland of the Faculty of Education who has just been named to an Appraisals Committee of the Ontario Council for Graduate Studies. The Appraisals Committees of O.C.G.S. review the consultants' reports on both new and the periodic review of all graduate programs in Ontario universities.

LAKEHEAD UNIVERSITY ANTI-RACISM AND ENTHNOCULTURAL EQUITY POLICY (Draft)

The Lakehead University Anti-Racism Committee (LUARC) has submitted to me recently the draft policy statement entitled Lakehead University Anti-Racism and Ethnocultural Equity Policy. The statement has been developed by the LUARC after extensive survey and input of the Lakehead University Community and, at their request, will be put out for comment from the University Community in early fall. I would encourage your participation in the consultation initiatives on the draft policy statement.

On a personal note, I would like to thank the LUARC Co-ordinator, Linda Penner, for the commitment given by her to see through the successful completion of the draft policy statement.



LABOUR/MANAGEMENT COMMITTEE ACTIVITIES

The Labour/Management Committee has met recently to explore two legacies of the Social Contract. One is the Training for Workplace Innovation (TWI) fund application process and the other is the University Sector Job Registry Fund. Both are optional and there are pros and cons to Lakehead University participation. The TWI Fund would provide specialized training funds (if our application were to be successful) but only if Lakehead University participated in the Job Registry. The Job Registry is a reciprocal job registry that would see displaced employees from one university given priority consideration for openings at other Ontario universities. I expect Labour/Management to come to a recommendation with respect to our possible participation in the next few weeks. The representative who came from the Ontario Government to make a presentation to the Labour/Management Committee indicated that the TWI mandate is perhaps broader than the written materials provided. In the case of Lakehead University, this might provide us with access to much needed computer software.

PLANNING FOR CHANGE

In keeping with our current Strategic Plan, I will be initiating activities over the summer that should help to give

planning and priorities direction for the next three-year cycle. If this work proceeds as planned, a "green paper" document will be available for discussion purposes in late September. There is no doubt that various government initiatives as well as a more competitive environment for undergraduate students will impact on Lakehead University, and we need to be prepared to deal with whatever comes down the pipe.

HARRIS GOVERNMENT

Obviously, the politics of Ontario changed tremendously on June 8, 1995, and Lakehead University is encouraged by statements made by Premier Harris with respect to maintaining a strong commitment to Northern Ontario in his government. It is clear that the target fiscal reductions of the new government could have significant impact on our budget in future years yet, at the same time, some of the policies of the new government may provide Lakehead University with new opportunities in revenue generation, but only if we are up to the challenge. Premier Harris is from North Bay, the home of Nipissing University, and he is familiar both with the role of a northern university and special issues related to economic development in Northern Ontario.

The new Minister of Education and Training is Mr. John Snobelen, M.P.P., Mississauga, North.

ON SPECIAL ASSIGNMENT

As most of you are aware, Katherine "Kate" Shedden has been on secondment for the past three months working on enhancing the print media that we send out to potential students. Kate has done a first-rate job on this assignment (and in an environmentally friendly way) and, because of our priority needs in this area, she will continue on special assignment reporting directly to Mr. Pentti Paularinne in the area of recruitment marketing.



Health Services has a new wheelchair thanks to the generosity of the Pythian Sisters, Welcome Temple #7. Sandra Symons (left) made the presentation to Nurse Jessie Sutherland (centre) and Director of Student Services Geraldine White in early May. The wheelchair will be kept in the Health Services Department and will be available for use by incapacitated or sick students. "The



Emergency Response Team which operates September to April and which answers all medical emergencies on campus will also be thrilled to have the use of this aid," says Sutherland.



Tea-'N-Tots' fashion show was a hit with the kids and raised approximately \$1000 for the Nanabijou Childcare Centre.



Grade 1 Students from Hyde Park School gather around Forestry technologist Lynne Sevean to dissect a rubber grasshopper. During the month of June he and Dr. Yves Prevost welcomed scores of young people to their lab including girl guides and boy scouts. The children are usually treated to a slide show, a discussion on what it means to be a scientist, a tour of the display cases containing exotic species of insects, and sometimes a bug-catching session in the courtyard of the Braun Building. Sevean is pleased to see young people introduced to the University this way. "It gives them and their parents a better understanding of what the University is all about," he says.

Congratulations. YOU MADE IT!
You're Admitted to Lakehead!



Inside the Newsletter:
What's in an Admissions Q & A
An Arts degree? What can't do with it?
Science grads needed for the year 2000
A new graduate shares a bit of his soul
AND MOST IMPORTANT... YOU WILL ALSO FIND INSIDE...
Your Admissions Information Package
Please Read Carefully



President's Message
June 1995
It gives me great pleasure to congratulate you on receiving an offer of admission to study at Lakehead University. You have taken a very important step in your education. As you begin your journey, I encourage you to embrace the challenges and opportunities that lie ahead. Lakehead University is a place where you will find a supportive community and a wealth of resources to help you succeed. Welcome to the Lakehead family!



With the help of a grant from the Social Sciences and Humanities Research Council of Canada, two professors in the Faculty of Education and the School of Nursing are conducting a three-year phenomenological study on

Women in Leadership: Experiences of School Administrators and Nurse Managers

By Robyne Wilock

To many people, research means analyzing written sources, conducting experiments, and testing subjects. The method being used by Dr. Hope Fennell of the Faculty of Education and Assistant Professor Ti King of the School of Nursing, however, means studying a phenomenon by listening to people's voices and looking at what was previously thought familiar, in a new way.

Since 1992, the two women have been working together on a phenomenological study entitled *Women in Leadership: Experiences of School Administrators and Nurse Managers*.

What has linked the two researchers together is the concept of the "ethic of care" which arose both in Fennell's studies on women in education and King's studies on the experiences of middle-aged daughters caring for their aged mothers. As a result, they became interested in opportunities afforded by working in an interdisciplinary and collaborative way.

The ethic is characterized by the inclusion of deep feelings in processes of decision making. Individuals who operate according to this ethic are greatly concerned about others and continually seek to create win-win situations in which the majority will benefit.

The phenomenological research method provides the scaffolding for this study. Asserting the supremacy of participants as the "knowers," Fennell and King are drawing from participants' experiential knowledge in their quest to develop a new and fuller understanding of leadership.

King describes phenomenological research as "listening to people's lived experiences and the meanings they give them." This approach is evident as they focus on the experiences of six women who are nurse managers, and six who are school administrators. The experiences of the twelve Thunder Bay women are recorded during interviews which take place every three to four months. Trust is critical to the success of these one-to-one interviews which are conducted in working and non-working environments. "The participants look forward to our sessions," says Fennell. "Often it is their only chance to express and reflect upon their leadership experiences."

Experiential information gathered through interviews provides the substance for this study of the leadership strategies of women. Participants describe critical incidents and clarify information. Fennell and King then analyze transcripts of interviews and clarify reoccurring themes with participants. As the research progresses, they pick out themes, validate them with participants, and link common themes.

Although the researchers communicate frequently to support each other throughout the research process, their consultation is limited to methodology. To keep themselves "clean" they share few details of their findings—even participants' identities are unspoken. First they will identify themes common to their respective participants; then they will meet to explore themes common to the two groups. Credibility of the findings will be enhanced by these research practices but, as King explains, the ultimate test comes when women who are leaders and not participants in this study, read

the findings and identify with participants' experiences. Reliability is tested when other phenomenological researchers, upon reading Fennell's and King's decision trail from data to themes, can logically follow the decision trail.

The challenges of using the phenomenological research method are real, but the two researchers say the rewards are many. Fennell is frank about the importance of this project. "You don't develop new ideas from rehashing old... If you don't risk and think about ideas and experiences from a range of perspectives, you don't grow."



Hope Fennell (left) and Ti King are working together on a unique interdisciplinary phenomenological research project which will be completed in 1997.

Lakehead's share of NSERC funds down slightly for 1995-96

The Natural Sciences and Engineering Research Council (NSERC) has released the results of the 1995-96 Operating and Equipment Grants Competition. A total of 38 NSERC-eligible researchers at Lakehead University were awarded grants totalling \$758,548 (compared to last year's total of \$781,578 distributed to 39 researchers). These figures represent a 2.9% reduction from last year compared to an overall reduction across Canada of 2.8%.

DEPARTMENT OF BIOLOGY

Dr. R. Freitag - "History of the North American Cicindelidae"
 Dr. M. W. Lankester - "Parasite diseases of Northern Ungulates"
 Dr. L. Malek - "Dry seed proteasome and related proteins"
 Dr. D. W. Morris - "Habitat selection, population dynamics and community structure of northern vertebrates"
 Dr. R. J. Omeljaniuk - "Neurochemical receptors, actions, and mechanisms in fish brain: pituitary axis"
 Dr. R. H. Mitchell - "Petrology and geochemistry of kimberlites and alkaline rocks"

DEPARTMENT OF CHEMISTRY

Dr. T. M. Garver - "The chemistry of Lignin transformations"
 Dr. A. N. Hughes with Dr. D. G. Holah - "Reactions of transition metal-phosphine systems with hydro-borate and other reducing agents in the presence of carbon monoxide and isonitriles"
 Dr. S. D. Kinrade - "Aqueous chemistry of SiV"
 Dr. N. A. Weir - "Studies of photodegradation of polymers"

DEPARTMENT OF CHEMICAL ENGINEERING

Dr. L. J. Garred - "Urea sensor for urea kinetic modelling and erythropoietin studies"
 Dr. I. Nirdosh - "Removal of radionuclide and heavy metal contaminants from low-level radioactive waste" and "Autoclave for high temperature solids' leaching"
 Dr. V. I. Puttagunta - "Generalized one-parameter correlation for crude oils, hot water slurring of oil sands"

DEPARTMENT OF CIVIL ENGINEERING

Dr. S. M. Easa - "Highway geometric design for safety"
 Dr. K. D. Eigenbrod - "Effects of freezing and thawing on the hydraulic conductivity of fine grained soils"
 Dr. S. A. Mirza - "Strength and stiffness of slender composite steel-concrete beam-columns"
 Dr. U. S. Panu - "Extension of pattern recognition based methodology for infilling of missing values in streamflow records"

DEPARTMENT OF ELECTRICAL ENGINEERING

Dr. F. Karray - "Hierarchical control structure for flexible manipulators systems"
 Dr. K. Natarajan - "Aspects of discrete time periodic control systems"

DEPARTMENT OF MECHANICAL ENGINEERING

Dr. M. Liu - "Finite element analysis of nonlinear shell structures; random vibration analysis of general nonlinear structures"
 Dr. H. T. Saliba - "Experimental and theoretical free vibration analysis of thin plates with various shapes, boundary conditions and complicating factors"
 Dr. B. Singh - "Analytical, numerical and experimental studies in jet cutting of oil sands"

DEPARTMENT OF FORESTRY

Dr. W. H. Parker - "Focal point seed zones and adaptive variation of North American conifers"

DEPARTMENT OF GEOLOGY

Dr. G. J. Borradaile - "Rock magnetism" and "Rock magnetism and stress"
 Dr. P. W. Fralick - "Paleogeographical interpretation of Archean sedimentary sequences in Northwestern Ontario"
 Dr. R. H. Mitchell - "Petrology and geochemistry of kimberlites and alkaline rocks"

DEPARTMENT OF MATHEMATICAL SCIENCES

Dr. M. W. Benson - "Parallel iterative methods"
 Dr. C. T. Hoang - "Algorithmic graph theory with emphasis on perfect graphs"
 Dr. W. Huang - "Numerical algorithms for linear constrained convex programming problems"
 Dr. X. Li - "Distributed logic programming language design and implementation"
 Dr. T. Miao - "Geometric properties of $B_p(G)$ and the exposed points of the set of invariant means"
 Dr. Y. Yao - "Multistrategy information retrieval"

DEPARTMENT OF PHYSICS

Dr. M. H. Hawton - "Fermion-boson interactions as dispersion forces/physics of adsorbed water"
 Dr. W. J. Keeler - "Optical spectroscopy of semiconductor heterostructures and heterogeneous materials"
 Dr. V. V. Paranjape - "Research in solid state physics"
 Dr. W. M. Sears - "The electrical properties of the surface-gas interface of wide band gap semiconductors"

DEPARTMENT OF PSYCHOLOGY

Dr. C. A. G. Hayman - "Separating episodic and semantic contributions to memory performance"

Department of Political Studies

Dr. Laure Paquette attended the Association of SouthEast Asian Nations' Roundtable in Kuala Lumpur on June 5-8. This annual conference, organized by the Institute for Strategic and International Studies of Malaysia, is the single most important conference on security issues for South East Asia. Paquette considers herself fortunate to have been invited as an observer to such a vital meeting. From there, Paquette will visit the Institute of Far Eastern Studies of Kyungnam University in Seoul, Korea, for the rest of the summer. This opportunity has come through the IFES' Summer Studies in Korea Program, which encourages collaboration between foreign academics with innovative approaches to inter-Korean relations with Korean academics. While in Seoul, Paquette will be expected to conduct a seminar, and to publish the results of her research on the compatibility of North and South Korean national strategies with the Institute.

Faculty of Forestry

Dr. Peter Duinker has been appointed to Ontario's new Provincial Policy Committee of the Ministry of Natural Resources. The Committee is chaired by the Deputy Minister, and will advise on all forest-related policies of the Ministry.

In addition, he has had a paper entitled "Cumulative Effects Assessment: What's the Big Deal?" appear in a book on *Cumulative Effects Assessment in Canada: From Concept to Practice* (pages 11-24), edited by A.J. Kennedy and published by the Alberta Society of Professional Biologists.

Another paper by Duinker, entitled "People and forests in Canada: fitting carbon into a perplexing future," will appear as a chapter in *The Role of Global Forest Ecosystems and Forest Resource Management in the Global Carbon Cycle*, to be published this year by Springer Verlag.

In April Duinker chaired a one-day conference in Toronto on *Operating Under Ontario's New Crown Forest Sustainability Act*. The conference was co-sponsored by Insight Information Inc. and *The Globe and Mail*. Duinker's opening remarks, which appear in the conference proceedings, were entitled "The CFSA: Living in Interesting Times."

Dr. W. Carmean and J.S. Thromer have just published an article entitled "Early height growth and site index for planted red pine in north central Ontario" in the *Northern Journal of Applied Forestry* 12(1):23-29.

Department of Chemical Engineering

Dr. Laurie J. Garred, presented the paper entitled "Protein catabolic rate determination from a single midweek partial dialysate collection," at the 41st annual conference of the American Society for Artificial Internal Organs (ASAIO) held in Chicago, May 4-6. Garred also co-chaired a session at the meeting. An expanded version of the paper with the title,

"Protein catabolic rate determination from a single weekly measurement of dialyzed urea" has been accepted for publication in the ASAIO Journal.

Department of Mathematical Sciences

Professor S.A. Naimpally, Professor Emeritus, has been honoured by the Vijana Parishad of India (The Society for Applications of Mathematics) with the publication of a special volume dedicated to him on his 62nd birthday. Among the many contributors was **Dr. W. Eames**, also a Professor Emeritus of the Department.

Department of Anthropology

The contributions of **Dr. Joe Stewart** to a study on the chemical analysis of ancient hearth ash was cited in the Fall-Winter 1994 issue of Colorado's *Crow Canyon Archaeological Centre Quarterly*. Under the title "Collaboration Yields Innovative Research," author Chris Pierce writes, "The project involved chemical analysis of modern samples of likely fuel wood types, ancient charcoal of known type, modern mixtures of fuel wood ash, and samples of ancient hearth ash using specialized equipment at Lakehead University in Ontario, Canada. With help from Instrumentation Lab scientist at Lakehead University, Adams and Stewart prepared the samples for analysis and measured the concentrations of 32 different chemical elements, while Pierce conducted a variety of quantitative analyses of the resulting data...Adams, Pierce and Stewart are currently preparing an article for submission to an international archaeological science journal to inform others of the newly-discovered potential of studying ash chemistry to investigate important archaeological problems throughout the world."

Department of Visual Arts

On Friday, April 28, 1995, in Toronto, the Ontario Association of Architects (OAA) presented its 1995 Allied Arts Award during its annual Celebration of Excellence to **Professor Patricia Vervoort**, Chair of the Visual Arts Department. The OAA Allied Arts Award recognizes contributions to Architecture by those in the Allied Arts. The President of the OAA, Diarmuid Nash of Moriyama & Teshima, Architects, said "Professor Vervoort is particularly deserving of this award for her outstanding advocacy for the preservation of our architectural heritage."

John Stephenson, a Thunder Bay architect who read the citation, commended Vervoort for her contribution to the public's awareness of architecture through her writing, radio and television appearances, and lectures. The OAA's Celebration of Excellence was attended by over 250 architects, their clients and guests, and those in the allied professions.



Eric Belton Remembered

An obituary on **Eric Belton**, who worked as Chief Librarian at Lakehead University from 1966 to 1979, appeared in the March, 1995, issue of *Library Association Board Record*. Before coming to Thunder Bay, Belton was Deputy Librarian of Makerere University College, Uganda. After he retired from Lakehead he returned to England and later travelled to Uganda to assist in the rebuilding of the library which had suffered so badly during the Amin years.

Nova Lawson appointed to Ontario Advisory Council on Women's Issues



Nova Lawson, Lakehead's Co-ordinator of Aboriginal Initiatives/Community Liaison, has been appointed for a three-year term to the Ontario Advisory Council on Women's Issues. Established in 1973 and reporting to the Minister Responsible for Women's Issues, the 15-member Council works at arms length from the government to comment on issues pertaining to women's economic, social and legal

equality. There are a total of three members appointed from Northwestern Ontario, the other two being Roseanne Perron and Eva Shield.

Lawson, who was nominated for the position by Lakehead's Dean of Graduate Studies and Research, says she is "excited, honoured and overwhelmed... in a positive way" by her new responsibilities. She hopes people in the region will see the value of the work of the Ontario Advisory Council on Women's Issues and will be active in raising issues of concern and offering recommendations.

In addition to her work with the Advisory Council, Lawson serves on the Board of Directors of Thunder Bay Ventures and is the First Nations Co-ordinator for CJ '97 Scouts' Jamboree.

Since joining Lakehead in 1993, Lawson has assisted with the planning and delivery of a variety of programs and services for Aboriginal students. In January, 1995, she assumed her present position as Co-ordinator of Aboriginal Initiatives/Community Liaison reporting to the Vice-President (Academic). Lawson is also Secretariat for the Lakehead University Aboriginal Management Council.

Department of Biology

Dr. Azim Mallik gave the keynote address at the annual conference of the Korean Forestry Society last February at Kyunghee University. While in Korea he visited other universities, research institutes, forest plantations and sites of historic and cultural significance.

New President to Lead Council of Ontario Universities



Bonnie Patterson, Dean of the Faculty of Business at Ryerson Polytechnic University, has been appointed as the new president of the Council of Ontario Universities (COU).

As Dean of Ryerson's Faculty of Business for the past five years, Professor Patterson was responsible for three undergraduate professional schools, 100 full-time faculty, more than 3,000 full-time students, and business programs for more than 15,000 part-time learners. She has been very involved in many aspects of the university's management and serves on numerous committees. She also is currently a member of the Board of the Premier's Council, the Review and Advisory Committee on the Centres of Excellence - Ontario Technology Fund, and a member of the Health Industries Advisory Committee for the Ontario Ministry of Health. She is Chair of the Project Committee of the Premier's Council, which is responsible for coordinating project teams that are conducting research for Ontario.

Professor Patterson replaces Dr. Peter George, who served as President for the past four years. Dr. George was recently appointed President of McMaster University in Hamilton. Professor Patterson will officially assume her presidential duties September 1, 1995.

Award Winners

Lakehead's English Department has chosen **Heather Campbell** to receive the Ishak Book Prize for 1995. The prize is a voucher worth \$100 redeemable for books from the Alumni Bookstore. The Alumni Association has selected their Alumni Award recipient for 1995-96. She is **Cara Marie MacMillan** a graduate of St. Ignatius High School who is planning to enrol in Lakehead's HBA program this fall.

Department of English

Dr. Jeanette Lynes recently published two articles. "Diving into the Rock: Newfoundland Women Poets" appeared in the Spring 1994 issue of *The Wascana Review of Contemporary Poetry and Short Fiction*. "Home at the Edge of the Grave: M.T. Doherty's Ambivalent Aesthetic" was published in the inaugural issue of *The River Review: A Multidisciplinary Journal of Arts and Ideas*, University of Maine, Number 1, 1995.

Department of Sociology

Dr. David A. Nock read his paper "Lessons from Davis: The Sociology of Arthur K. Davis" at a session about "The History of Canadian Sociology" at the Annual meetings of The Canadian Sociology and Anthropology Association, June 4 in Montreal. The next day he also introduced Davis at the Awards Presentation Ceremony held by the C.S.A.A., in honour of Davis' contributions.

WHAT'S HAPPENING IN THE LIBRARY

* During November 1994 to April 1995, 45% of all interlibrary loan requests were placed to other universities using the Internet. 78% of the total Interlibrary loan articles received from other universities were transmitted and received through the Internet. 37% of all articles requested by other institutions were sent via the Internet.

* 22,333 questions were answered at the Information Desk of The Chancellor Paterson Library during May 1, 1994 to April 30, 1995.

* A total of 194,128 items were checked out from the Circulation Desks of The Chancellor Paterson and Education Libraries between May 1, 1994 to April 30, 1995.

* 7,098 new items were catalogued and added to the CODOC (Government Publications Collection) from May 1, 1994 to April 30, 1995.

* During May 1, 1994 to April 30, 1995, 150 classes in library instruction were held. A total of 1,926 individuals attended.

* Book orders to Lakehead University Library's major vendor, John Coutts Library Services, are now sent electronically using the Internet. A similar service is being established with Blackwell North America—another important supplier. Between them they account for about 90% of the Library's book orders.

* The Library is using the Internet for claiming and reporting delayed issues of periodicals and other types of serials. This has resulted in improved turnaround time and decreased costs to the Library.

* In partnership with Laurentian University and the Distance Education Library Services Interest Group of the Canadian Library Association, Lakehead University Library has launched an electronic discussion group called DISTLIB-L. This discussion group is a forum for discussing issues related to distance education library services in Canada.

* During May 1, 1994 to April 30, 1995 the Library added 13 new CD-ROM titles. These include indexes, full text and statistical sources.



A big welcome to **Emily Plumptre** and **Seppo Kuoppa-aho** who joined the full-time housekeeping staff in March; **Susan Little**, the Secretary/Receptionist for the Northern Educational Centre for Aging and Health (a contract employee), and **Vicki Cano** the Residence Clerk who were hired in April; **Angela Lockhart** the Registrar's Secondary School Liaison Officer, **Paula Hughes**, a Technician in the Biology Department (a contract employee), and **Shannon Moore**, the Athletics Department Pool Assistant, who took up their duties in May.

Lakehead University Injury Statistics January 1- May 31, 1995

COMPENSABLE INJURIES		
	Jan. 1-May 31 1995	Jan. 1-May 31 1994
Medical Aid Injuries		
Approved	20	30
Pending Decision by WCB	6	0
Lost Time Injuries		
Approved	1	5
Pending Decision by WCB	2	0
Number of Days Lost		
On Approved Claims	6	39
On Claims Pending	2	0

With the end of the winter academic term, many departments begin spring cleanups. Here are a few items to consider as you take on this task:

If you have chemical waste or unused chemicals in your department -- check labs, and storage rooms in particular -- obtain some "Request for Disposal of Chemical Waste" forms from the Human Resources Department. Complete the forms, affixing one copy to the container, keeping one copy for your files, and forward the original to the Human Resources Department.

You will be contacted when the material is to be picked up. The cost of disposal is covered entirely by the Health and Safety section.

If disposing of broken or intact glassware, ensure that you place it into rigid containers (eg. stiff cardboard boxes) that are firmly sealed, and clearly marked: "Garbage: Waste Glassware," or "Garbage: Broken Glass." Do not overload the boxes. Place them where they can be easily seen, and picked up by custodial staff.

If disposing of large volumes of paper or computer printouts, or used books (for whatever reason), limit the amount that you place into waste receptacles. It is preferable that you place large quantities of paper, printouts or books in rigid containers, such as sturdy cardboard boxes. (Boxes are much easier to handle than plastic garbage bags, if they contain heavy materials.) Limit the volume of material which you place in the boxes, and clearly mark "Heavy: Waste Paper" or "Heavy: Discarded Books" on the outside.

"Working together to create a safe and healthy environment for work and study."

DOWN UNDER

Reminder: The University will be closed on Monday, July 3, 1995 to observe the Canada Day holiday.

CONGRATULATIONS

The following full time employees worked the full year in 1994 without using any sick leave:

George Anderson, Physics
Don Barnes, Forestry
Kailash Bhatia, Mechanical Engineering
Glen Broman, Re-Engineering
Dave Christie, Finance
Francis Clayton, Athletics
Stu Garbutt, Purchasing
David Hare, Residence
John Hutton, Security
Clarence Jacobson, Library
John McDonald, Security
Brian Moore, Forestry
Norma Jean Newbold, Residence
Tracey O'Neill, Library
Jean Pervais, NAPE
Peter Puna, Graphics Services
David Savelle, Powerhouse
Laird Van Damme, Forestry
Eva Vidlak, Purchasing
Gerald Walker, Mechanical Engineering
Lena White, NLIP
Gwen Wojda, Continuing/Distance Ed.

Barbara Barnes, Biology
Ainsley Bharath, Chemistry
Carolyn Bobyk, Housekeeping
Susan Childs, Engineering
Kerrie-Lee Clarke, VP's Office
Helen Coutts, Housekeeping
Sarah Gooding, Forestry
William Hepditch, Powerhouse
Ken Inaba, Electrical
Roger Klamie, Security
Kaarina Mikkola, Accounts
Stan Nemec, Printing Services
June O'Brien, Native Nursing
Derrick Patola, CTRC
John Petherick, Resource Centre for OH&S
Ain Raitsakas, Instrument Lab
Mike Turck, Housekeeping
Nick Van Eeden, Anthropology
Susan Viitala, Human Resources
Ronald Whistle, Residence Maintenance
Lynn Wilson, Graduate Studies
Darlene Yakimoski, Athletics



Are DV Days Still Available?

YES, in fact the 1995/96 University budget assumes there will be \$100,000 in donated vacation savings. If you are interested, discuss it with your supervisor, then pick up a leave of absence form in Human Resources.



WHY WORRY?

There are only two things to worry about: either you are well or you are sick. If you are well, there is nothing to worry about. If you are sick, there are only two things to worry about: either you will get well or you will die. If you get well, there is nothing to worry about. If you die, there are only two things to worry about: either you will go to Heaven or you will go to Hell. If you go to Heaven, there is nothing to worry about. If you go to Hell, you will be so busy shaking hands with friends, you will have no time to worry.

Quote of the Month: Remember, if you always do what you always did, you'll always get what you always got.

Health Tip:

How about going for a walk? A regular, brisk walk is one of the best ways to keep fit. It's good for your heart, helps you sleep better, and it can help strengthen your bones. You don't need special equipment, and it's a healthy alternative to the stress of driving in stop-and-go traffic.

Note: There are a few Power of Attorney kits available in the Human Resources office.

Human Resources	Telephone	343-8334
	Fax number	346-7701

CALENDAR

The following is an excerpt from Timothy Findley's Convocation Address to the graduating class of '95.



"My life as a writer is dedicated to the exploration of the imaginative responses to being alive. Writing fiction provides me --- and other writers -- with the opportunity to articulate the experience of being alive in ways that reality itself cannot possibly provide. In the reality of daily life, we are assailed by the mess and by the mass of what we call necessity. The jumble of our emotions -- the confusion of the rat race -- the demands of having to make an increasing number of seemingly vital decisions. We fall in love. We don't fall in love. We make friends. We make enemies. We climb up five steps and fall back three. We want -- and most often cannot achieve -- happiness. There's no point lying about it: yes, there are wonders out there -- but some of these wonders are dragons.

Too many people are defeated by their encounter with reality. Far too many accept the status quo -- which means they accept the standard responses to the question, "What am I doing here?"

Let me illustrate the dangers of "standard" responses. An experiment was done a few years ago, with high school and university students. It involved calculators that were "rigged" so that some of the results they showed were incorrect. Over 95% of the students simply accepted these wrong answers -- and of the very few who questioned the validity of what the calculators showed -- all were high school students. By the time they got to university, most of the young people were so accustomed to the standard of absolute faith in technology, they failed to challenge it. Why? Because they could not imagine technology might be wrong.

It has been said that cruelty is nothing less than a failure of the imagination. The same can be said of capitulation: of surrendering to standard answers."

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 September Issue Agora is August 15 1995.

JUNE / JULY / AUGUST

CHANCELLOR PATERSON LIBRARY HOURS

June 16 to July 3

Mon. to Friday	8:00 am to 5:00 pm
Weekends	Closed
Monday July 3	Closed (Canada Day)

Summer Session

July 4 - August 18, 1995

Mon. to Thurs	8:00 am to 10:00 pm
Friday	8:00 am to 5:00 pm
Saturday:	11:00 am to 5:00 pm
Sunday:	1:00 pm to 6:00 pm

Monday August 7

(Civic Holiday) the Library will be closed.

August 19 - September 10

Mon. to Fri.	8:00 am to 5:00 pm
Weekends	Closed

Monday, September 4

(Labor Day) the Library will be closed.

Regular Hours will resume on Monday,
September 11, 1995

INTERNATIONAL BIOMECHANICS CONFERENCE

July 18-20

Hosted by the School of Kinesiology. For
information call 343-8110.

ALUMNI MIXED GOLF TOURNAMENT

August 27, 1995

Sponsored by Financial Concept Group
Emerald Greens Golf Course
To register contact Kristine Carey, Alumni
Office 343-8155

The Agora will not be published in
July or August. Our next issue will be
in September and the deadline for
submissions is August 15th. Have a
safe and happy summer.



A G O R A

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