



Agora

Thunder Bay, Ontario, Canada
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A NEWSLETTER FOR LAKEHEAD UNIVERSITY STAFF & FACULTY

JOE CLARK VISITS LU

Canada's former prime minister came to Lakehead with a prepared text about opportunities for trade in India and South Africa. But, in keeping with the spirit of the Canadian Institute of International Affairs, the Right Honourable Joe Clark spent much of the evening answering questions from the audience. Here, for the record, are some of his comments:

On India ...

"India may soon have a larger population than China, yet it has a functioning democracy and is organized in ways that are familiar to us -- a similar system of law, similar institutions of government, widespread use of the English language, and a large middle class of 250 million people equal to the entire population of the United States of America."

On South Africa ...

"While the critical changes in India have been economic, the critical changes in South Africa have been political... F.W. de Klerk said in March, 'The ANC has moved from nationalization to privatization.' Certainly all the objective evidence suggests that South Africa will follow the general market course... To assume that it is captive of an old ideology is simply not in accordance with the facts."

On Russia ...

"Canada should try to stay in Russia to develop our connections with other parts of the former Soviet Union and we should be encouraging other western countries to act together to try to bring some stability to Russia."

On the aftermath of the Quebec Referendum ...

A meeting of the provinces without the Federal government "could be very useful, particularly given the difficulty that exists with having enough other Canadians accept the idea of the distinctive character of Quebec, whatever we call it. It may well be that an initiative that came from the provinces would be more acceptable in the rest of the country and be seen as more representative in Quebec. It may well be that the provincial premiers have more of a *capacity* at this point in the life of the country than the national government would."



"Canada's genius is its flexibility," says Canada's former prime minister. The Right Honourable Joe Clark spoke to more than 300 people in early November at a public lecture on campus sponsored by the Canadian Institute for International Affairs and the Department of History.
Photo: Peter Puna

INSIDE

Who says teaching and research at the university level are not inextricably linked? Lakehead announces its Distinguished Instructor and Distinguished Researcher Awards for 1995.
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A concerned parent speaks out about proposed cuts to Child Care in Ontario.
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CANADIAN INSTITUTE OF INTERNATIONAL AFFAIRS

For over 60 years, the Canadian Institute of International Affairs (CIIA) has been providing Canadians with a non-partisan nationwide forum for discussion, analysis, and debate of international affairs.



by Dr. Robert Rosehart
President
Lakehead University

1996-97 BUDGET DEVELOPMENT

Further to last month's article on the process to evolve the 1996/97 operating budget, I present on Page 3 the "Interim Budget Guidelines" developed by the Task Force on Funding and which will be recommended shortly to the Board of Governors for approval. These are planning guidelines at this stage and will give direction to the TFF and the administration during the next phases of the 1996-97 budget development.

Indications are that the provincial economic statement may be delayed somewhat and, currently, it is anticipated in late November or early December. As well, there seems to be the hint that announcements will only be for a year with some type of "commission on post-secondary education" established to examine the future structure of the Ontario system over the next six months or so. These are all rumours (as are the grant/tuition scenarios), but they do indicate that the government may be open to further consultation prior to establishing a long-term direction for the system.

A considerable amount of time and serious consideration is being given to the budget issue by all units within the University and many, many ideas have been generated. A lot of these concepts focus on desirable features of the early retirement program under development. It is anticipated that, should approval be given, the early retirement program will be made available for a two-month window in mid-December for retirement to take place on June 30, 1996 or earlier.

On the program/departamental side of things, much work is being done within departments and some effort is being put into dealing with trans-departmental issues. These issues are the most challenging to make progress with but, as well, potentially have the biggest fiscal and programmatic impact.

Maclean's 1995 -- LU 11th in Reputational Survey

The 1995 version of the Canadian university system's efforts at helping Maclean's to sell magazines is out. In terms of reputation, Lakehead University has improved its position from 12th to 11th in our class and the sample size has increased to over 3,400 surveyed. In terms of overall rating, we were 16th of 19 surveyed as 4 more universities decided not to participate this year. Bright spots include a #1 rating in Library Acquisitions and a #5 rating in terms of Scholarships and Bursaries.



Internet News from Dr. Steven McCaw, Associate Professor, Biomechanics, Illinois State University

Recent *Nor'Wester Magazine* articles mentioning the retirement of Dr. W. Baarschers and Dr. G. Hughes brought glowing tributes from Steven McCaw. Steven went on from Lakehead University to earn a PhD at the University of Oregon in 1989 and is now teaching at Illinois State.

AETS Funding Review

Because continuing concerns exist whether in fact Lakehead University has followed the guidelines for the use of the Aboriginal Educational Training Strategy funding, Pat O'Brien, the Chair of the Board, and I have asked the Minister of Education and Training to review the use of AETS funding by Lakehead University over the past few years to determine in fact if we have been consistent with the program guidelines. The AETS funding program is administered by the Ministry of Education and Training.

Lakehead University continues to be very supportive of our Aboriginal post-secondary initiatives and looks for opportunities to expand our offerings in the future. In this regard we are expecting to receive policy direction from the LU Aboriginal Management Council.

Nanabijou Child Care Centre

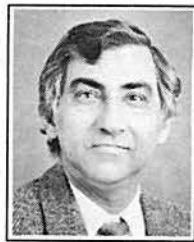
As you will read in another article in this issue, most non-profit child care centres expect to be in great financial stress in the near future. The Nanabijou Centre at Lakehead University has worked very well from day one and every effort must be made to preserve it either in its current format or, if that is impossible, in some type of restructured mode.

Dr. Nelson to take Sabbatical

After an extended period of service, Dr. Connie Nelson, Dean of Graduate Studies and Research, is to take her scheduled sabbatical leave from January 1 to June 30, 1996. Dr. Whitfield is currently exploring a number of options to carry on the important work in this area during her absence, while at the same time taking consideration of our soon-to-be-announced budgetary challenges.



Dr. I. Nirdosh
Distinguished Instructor



Dr. S.A. Mirza
Distinguished Researcher

Special and Unique Congratulations for Dr. S.A. Mirza and Dr. I. Nirdosh

In 1988 Dr. I. Nirdosh (Chemical Engineering) won the Distinguished Researcher Award and in 1991 Dr. S.A. Mirza (Civil Engineering) won the Distinguished Instructor Award. On behalf of the Vice-President (Academic), Dr. John Whitfield, I am pleased to announce that for 1995 Dr. I. Nirdosh has been awarded the Distinguished Instructor Award and Dr. S.A. Mirza has been awarded the Distinguished Researcher Award. Special congratulations to both and I draw your attention to the fact that these two faculty represent the first "dual" winners of these very special awards. Such recognition adds further support to the interconnectedness of teaching and research.

Book Launching and Publications

A very important part of a faculty members activity is the dissemination of scholarly work through publications and Lakehead University faculty have been particularly active during the past few months. Below is a sampling:

Breaking the Mould -- A very successful book launch was held on Thursday, November 2, 1995 by Dr. Penny Petrone in the Faculty Lounge. This, I believe, is Dr. Petrone's seventh book and although I am only about 20 pages into it, I would class it as a must read.

Thunder Bay, From Rivalry to Unity - On November 9, 1995, in the Agora, the Thunder Bay Historical Museum Society launched a major historical review of Thunder Bay edited by T.J. Tronrud and E. Epp. In addition to the obvious contribution of Dr. Ernie Epp, the work features the following Lakehead University contributions:

- Dr. Patricia Jasen, History
- Dr. Ron Lappage, Kinesiology
- Dr. Brian Lorch, Geography
- Dr. Bruce Muirhead, History
- Dr. Brian A.M. Phillips, Geography
- Dr. James Stafford, Sociology

In addition, several current and former graduate students including Margaret Frenette, David Jordon and Jean Morrison participated.

Centre for Northern Studies Publication: Northern Social Work Practice, edited by Dr. Roger Delaney and Dr. Keith Brownlee with contributions from Lakehead University faculty including, as well, Sharon Taylor, Juanita Weening and M. Trainer.

And last, but not least, let me recognize the creative poetry presented to me recently by Dr. Art Ponder from the Faculty of Education (sample titles, *On Growing Older; The Bottom Line*).

TASK FORCE ON FUNDING INTERIM BUDGET GUIDELINES

as established October 27, 1995

1. ENROLMENT

Overall enrolment should be maximized while ensuring that all students can be soundly taught, serviced and physically accommodated. Every effort should be made to maintain a minimum of 5,500 full-time students for the 1997/98 academic year.

2. ACADEMIC PROGRAMMING

Each academic unit should immediately review academic programs and curricula with the aim to rationalize and restructure these for maximum efficiency and to implement by Fall, 1996. The integrity and standards of *continuing* programming must be maintained.

3. SUPPORT SYSTEMS

All support systems should be reviewed immediately and, where possible, restructuring and/or rationalizing take place while maintaining a level of service that provides sufficient support to maintain the academic programming and enrolment.

4. HUMAN RESOURCES

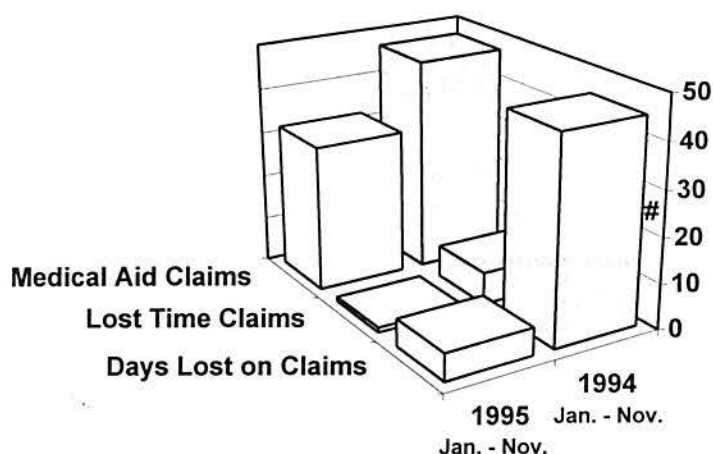
Decisions with respect to the anticipated reduction in the cost of our human resources shall recognize collective agreements and the use of attrition and voluntary exiting as much as possible to address redundancy. Employees should be kept informed in a consistent manner and be treated in a fair and equitable manner.

5. FINANCIAL

Assume an approximate \$6,000,000 reduction in Provincial funding over one year and a tuition fee increase of 10% per annum in each of 1996/97 and 1997/98.

Any deficit must relate to specific program expenditures (i.e. early retirement incentives) and with a sound plan presented for retirement of the deficit.

Any incentive plan(s) that leads to effective restructuring/rationalizing and ensures savings should be considered.



The incidence and severity of injuries sustained by University employees during the current year is substantially below 1994 levels for the same period (January 1 to October 31).

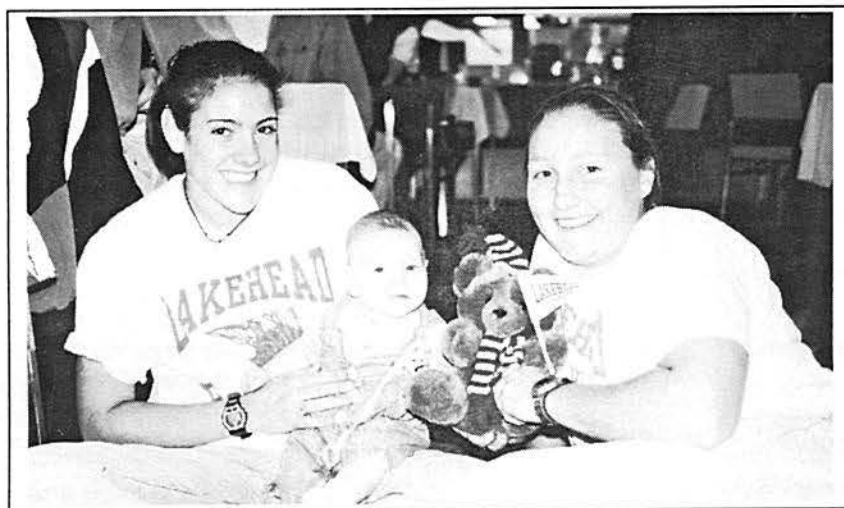
REPORT MY INJURY? BUT I HAVEN'T BEEN OFF WORK!

It is still a common misunderstanding that reporting of injuries which occur at work is only something that you need to do if you "lose time." In reality, all injuries, no matter how trivial must be reported -- and reported promptly.

While "obvious" injuries such as cuts and sprains are frequently reported, the following types of injuries often go unreported:

- gradual disablements;
- delayed onset injuries or disablements;
- aggravation of pre-existing conditions;
- injuries which do not require immediate first aid or medical aid.

Prompt reporting ensures that appropriate and timely health care can be provided for the injured employee, if it is required. And, it initiates the process which results in necessary measures being taken to prevent the recurrence of similar events. -- M. Peuramaki



Academic All-Canadian and this year's John Zanatta Scholarship winner Jackie Shaw (right) and Amy Pinnegar (left) took time out during the Alumni Association's Annual General Meeting in October to welcome Sydney Sarah Grace (centre) to the world of varsity sports. The students were taking part in the John Zanatta alumni basketball games, an annual fund-raiser which raised over \$1500 for scholarships this year. Sydney's parents, John and Patti Grace, have both served as Assistant Coach to the LU basketball teams. Photo: Mary Beth Coates

1995-96 ROCKEFELLER SCHOLARS TAKE PART IN THE NATIVE STUDENT CONFERENCE

Dr. Sylvie Berbaum and Dr. Ross Mallick gave their first public lectures last month at a Native Student Conference organized by students involved in the Indigenous Learning program and the LU Forum.

The Native Student Conference was attended by over 40 students, some from as far away as Arctic College in Iqaluit, Baffin Island.

Berbaum and Mallick are Visiting Humanities Research Fellows participating in the Native Philosophy Project, a program funded by The Rockefeller Foundation.

Berbaum is in the process of writing a doctoral thesis for the University of Montreal focussing on Ojibway mythology and musical analysis. Mallick is completing a book based on research that was commissioned by the Native Council of Canada in preparation for the UN's International Decade of the World's Indigenous People.



ORDER OF CANADA

Mildred Milliea, a 1984 graduate of Lakehead University's Native Language Instructors' Program, received the Order of Canada on November 16, 1995, in recognition of her work in preserving the Micmac language.

According to Karen Merkley, Lakehead University's Teacher Education Programs Assistant, the Micmac language had all but died out in 1981 when Mildred enrolled in NLIP. She says, "Mildred has been instrumental in the production of materials and the very survival of the language. It is also remarkable that Mildred, who is 65, was in her 50s when she completed the diploma and managed to bring up 12 children besides!"

In addition to the Order of Canada, Milliea has received an Honorary Doctorate of Laws from the University of New Brunswick.

Political Science Professor Laure Paquette is an expert in Strategic Theory and East Asian Security.

A Strategic Theoretical Approach to "2 + 4"

**Russia and the United States
plus Japan, China, Taiwan, and North and South Korea**

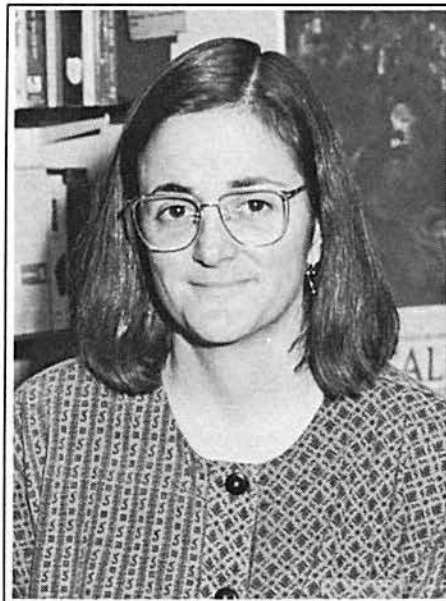
by Sara Hatherly

Initially it may seem that the principles of military theory and security have little relationship to increasing the effectiveness of the public service or decreasing child abuse and family violence. For Dr. Laure Paquette however, it was the link between these issues which originally led her to pursue the study of strategic theory.

Prior to entering graduate studies in Political Science at Queen's University, Paquette was a social activist and civil servant who found herself wondering how the actions of bureaucratic organizations and social activist groups could be made more effective. While reading, she discovered a topic known as "strategy" which had up to that time only been examined in terms of military theory.

According to Paquette, strategy is a way of organizing and planning your actions to make sure that you are getting to your goals with maximum effectiveness. An expert in strategic theory and East Asian security, a field in which there are few experts under the age of 50 and even fewer women, Paquette has distinguished herself as one of the only researchers who has attempted to transfer the principles of military strategy to a more general theory of strategy which could be applied in a variety of settings.

For Paquette one of the highlights of her career as a strategic theorist was her recent six-week summer experience as a visiting scholar in Seoul, Korea. As part of the research involved in her upcoming book on a strategic theoretical approach to the "2 + 4" (Russia and the U.S. plus Japan, China, Taiwan, and North and South Korea), Paquette received a fellowship from the Institute of Far Eastern Studies of Kyungnam University in Seoul, Korea.



Dr. Laure Paquette

Strategy is a way of organizing and planning your actions to make sure that you are getting to your goals with maximum effectiveness.

Hosted and sponsored by the IFES, Paquette describes her work this summer as "the most exciting theoretical research I've done since my PhD." During her stay, Paquette not only spent intensive hours researching at the Institute, but also had the opportunity to lecture at the Korean Institute for Defense Analysis and the Korean National Defense University on the strategic compatibility of North and South Korean policy.

The IFES fellowship covered room and board at the Institute, research expenses, and an additional monthly allowance for living expenses. According to Paquette, the Insti-

tute provided "...an ideal environment in which to work. It housed an excellent library with probably the best collection of periodicals in Korea and an extremely helpful support staff." She described her Korean colleagues as very direct and hard working. Many worked from 7:30 am until 10:00 at night, stopping only briefly to order in supper. Saturday was also a workday until 2:00 pm and many of the professors at the Institute also came to work on Sundays.

Of the four to five visiting scholars that the Institute hosted this past summer, Paquette was the only female. Despite the fact that the status of women is dramatically different in countries such as Korea, Paquette reported that her gender did not affect how her Korean colleagues accepted her. She was well-respected and, although she was treated somewhat differently from her male colleagues, what dominated was the genuine desire for scholarly exchange. Socializing was limited due to her demanding work schedule, but she did accept an invitation to go for drinks and karaoke, a popular leisure activity in Korea.

Emerging from Paquette's work this summer has been a new approach to examining strategic theory in terms of the interactions between countries. Prior to this summer Paquette had focused her research on strategic theory in terms of one country at a time. But her summer studies on the compatibility between foreign policy of North and South Korea and the interactions between South Korea and other members of the "2 + 4" have fostered an interest in a further examination of the interactions between other countries such as Taiwan and China, which she hopes to make one of her next projects.

Overall, Paquette describes her experience in Korea as an excellent one and concludes, "...the Korean scientific community is beginning to reach out in a major way to North America. They are very close to the United States, but they haven't historically been as close to Canada, and I think it would be a shame for us not to seize every opportunity we have."

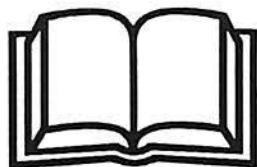
Sara Hatherly (HBSc'94) is enrolled in the Master's program in Experimental Psychology. She is one of several students participating in S.P.A.R.K. -- Lakehead, a student writing program sponsored by The Chronicle-Journal/The Times-News.

MAINTAINING AN EFFECTIVE VOICE

by Livio Di Matteo

Lakehead University's SSFC Representative

The joint advisory committee of the Canadian Federation for the Humanities (CFH) and the Social Science Federation of Canada (SSFC) have issued a report titled "A Stronger Presence for Scholarship: Towards a Humanities and Social Sciences Federation of Canada." The report is a response to the financial pressures currently facing social science and humanities researchers in Canada. Among other things, the cutting by SSHRC of core funding for the SSFC and the CFH has forced the two federations to move quickly to examine their future. The report recommends that the CFH and the SSFC act immediately to create a single unified and integrated new organization representing all social science and humanities societies in Canada effective April 1, 1996. The name of the new organization will be the Humanities and Social Science Federation of Canada. In creating a single organization, the CFH and the SSFC are indicating to the public and to government a firm resolve to maintain an effective voice for social science and humanities research while at the same time minimizing administrative costs. By 1998-99, the new organization will be running on annual revenues of about \$400,000 compared to current joint revenues of about \$800,000.



WHAT'S HAPPENING IN THE LIBRARY

Electronic Current Contents

All seven editions of Current Contents are now available to Lakehead University students and faculty for searching through the Internet. Current Contents is a weekly updated table of contents service covering journals in a wide range of disciplines: Agriculture; Biology and Environmental Sciences; Arts & Humanities; Clinical Medicine; Engineering; Technology & Applied Sciences; Life Sciences; Physical, Chemical & Earth Sciences; and Social & Behavioral Sciences.

The system allows users to search the latest six months of Current Contents to locate articles by author, title, subject and journal title. The Current Contents database is updated weekly with the oldest issue being deleted as the newest one is added.

The database is mounted at York University Library and is available from either a VMS system or a PC with telnet capabilities. This is a jointly funded project of the Ontario University Libraries.

The Chancellor Paterson Library has prepared a brief guide on connecting to and searching Current Contents from York. This guide is available in the Computerized Search Services office and at the Information Desk in The Chancellor Paterson Library. For further information contact Valerie Gibbons at 343-8129.

BIOMECHANICS IN SPORT

During the month of July 1995, the School of Kinesiology and Dr. Tony Bauer (Conference Chair) successfully coordinated the XIIIth Annual International Symposium for Biomechanics in Sport where 110 presentations and posters were presented by delegates from over 15 countries.

All the delegates were housed in the Lakehead residences and enjoyed a variety of social and recreational events to complement the academic presentations. The highlight of the conference was the academic awards banquet held at Old Fort William. The Geoffrey Dyson Memorial Award was presented to Dr. Patrick Bishop, Department of Kinesiology, University of Waterloo, who presented the Memorial Lecture entitled *Biomechanics for Cervical Quadriplegia*. Geoffrey Dyson, a former I.S.B.S. board member, is remembered as one of the foremost biomechanicians, successfully developing sport biomechanics through his book *The Mechanics of Athletics* now published in over 10 languages. Additional awards for Young Researcher and Best Poster Presentations were also presented.

The School of Kinesiology staff and graduate students presented a total of nine papers and posters during the conference. The success of the conference is a credit to the Kinesiology staff, graduate students and undergraduate team who volunteered their time to assist in a variety of capacities. A special mention is in order for the exceptional support provided from the various Lakehead University administrative departments including: Finance, External Relations, Graphics, Media Services and Conference Services. The following papers were presented by staff and graduate students from the Department of Kinesiology:

Mike Poling, Tony Bauer -- "Temporal Comparisons of Hamstring Co-Contraction Latency in Anterior Cruciate Deficient Knees."

Paolo Sanzo, Tony Bauer -- "The Effects of Low Dye Taping on Foot Pressure in Subjects with Plantar Fasciitis."

Renee Johnstone, Tony Bauer -- "Knee Torque Kinetics During Highland Dancing."

Tony Bauer, Carlos Zerpa -- "Prediction of Leg Power in the Horizontal Jump (poster)."

Mark Thomas, Robert Thayer, Moira McPherson -- "Off set Skating Characteristics of World Cup Level Cross Country Skiers."

Rodney Puumala, Moira McPherson -- "A Kinetic Analysis of the Flight Phase of Ski Jumping (poster)."

Wayland Pulkkinen, Robert Thayer, Moira McPherson -- "The Monitoring of Training and Recovery in Elite Cross Country Skiers (poster)."

Frantisek Vaverka, Moira McPherson, Bojan Jost, Mirek Janura, M. Elfmark, Rodney Puumala -- "A Kinematic Focus on the Relationship Between the Main Phases of Ski Jumping and Performance at the Innsbruck 1995 Event."

Presentation manuscripts will be edited and published as *Conference Proceedings for XIII International Symposium on Biomechanics in Sport, Lakehead University, Thunder Bay, Ontario, Canada, July 1995*.

The 13-member Boreal Ecosystem Science Co-op is a cost-effective way of co-ordinating research into ecosystem sustainability.

People With Vision Need Only Apply

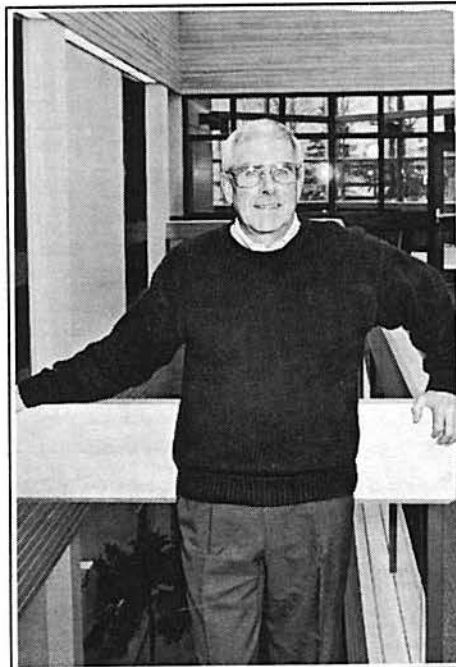
by Steve Jobbitt

In an age of continually shrinking government funding, new and innovative approaches to research must be taken. The Boreal Ecosystem Science Co-operative is one such program -- bringing universities, government agencies, public groups and private industry together to enhance development of scientific knowledge that will help in the sustainable management of natural resources.

Co-ordinator Gene Murphy says there are many different organizations, agencies and companies that have become increasingly interested in effective research into ecosystem sustainability. This is where the Science Co-op, now 13 members strong, plays a valuable role, bringing together a number of diverse groups with one common goal.

The advantages are substantial. For one, research becomes more cost efficient with Science Co-op members providing staff, resources and expertise if necessary. Also, the fact that a broad range of groups with varied interests are involved adds credibility to the research being done, and increases the chances of the results being widely accepted in both the public and private sectors.

"Having Lakehead University as a partner in the project and working from its campus is a major advantage," says Murphy. "The University is well known and respected, the campus is well located, and there is already a good relationship between the University and other agencies involved in natural resources management." The advantages for Lakehead are of equal significance in terms of exposure for the University and research prospects. Murphy, himself a graduate of Lakehead University, is confident that the Boreal Ecosystem Science Co-operative will provide faculty and students, especially graduate students, with the opportunity to do meaningful research.



Gene Murphy

BOREAL ECOSYSTEM SCIENCE CO-OPERATIVE PARTNERS

Abitibi-Price, Thunder Bay
Canadian Forest Service
Centre for Northern Forest Ecosystem
Research
E.B. Eddy Forest Products
Lake Abitibi Model Forest
Lakehead University
Northeast Science & Technology
Northwest Fire Management Centre
Northwest Science & Technology
Ontario Forest Research Institute
Parks Canada
Parks Ontario
Stone Consolidated Corporation

Of course, nothing is without its particular challenges. As a new and unique enterprise, the Science Co-op not only has had to gain the trust of all its members, but it has also had to determine its terms of reference in order to assure that people are comfortable working together. Publicity and awareness are also important issues. "There is a need to get people to understand and appreciate the benefits of the Science Co-op," says Murphy. He is confident that this will come, saying it "will get to the point where organizations will be knocking down the door to get in."

The Boreal Ecosystem Science Co-operative grew out of a memorandum of understanding between the Ontario Ministry of Natural Resources and Lakehead University. Signed in September of last year, the memorandum identified the need for greater collaboration between the two groups to consolidate research which, until recently, had occurred on a sporadic and ad hoc basis.

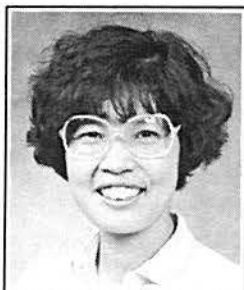
The Science Co-op is also a reaction to the recent Crown Forest Sustainability Act, legislation that is both "timely and accurate," says Murphy, focusing as it does on the joint responsibilities of both the government and the forest industry for sustainability. The goal of the legislation is to marry the harvest and renewal processes by shifting responsibility for implementing sustainability to the harvesters. This, according to Murphy, "will lead to the need for more collaboration in determining research priorities and in more genuine partnership arrangements for getting research done."

Are co-operative projects like this the wave of the future for research at academic institutions? Murphy says yes, arguing that it is more efficient and cost effective, and the results are of more use to a greater number of people. "These kinds of co-ops are much more common in the United States," he says, "and they are becoming more popular in this country."

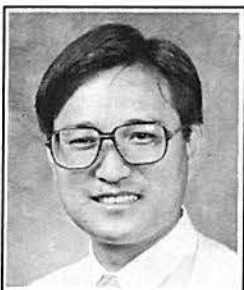
For more information about the Boreal Ecosystem Science Co-operative call Gene Murphy at (807) 343-4037.

Steve Jobbitt, a third-year Arts student, is one of several students participating in S.P.A.R.K. -- Lakehead, a student writing program sponsored by The Chronicle-Journal/The Times-News.

NEW FACES ON CAMPUS



Dr. Julie Zhou



Dr. Simon Di

Two professors have joined the School of Mathematical Sciences this fall. They are Assistant Professor **Dr. Julie Zhou** and her husband, Adjunct Professor **Dr. Simon Di**.

Julie's area of expertise is statistics and she is hoping to team up with other researchers at Lakehead to do joint research in the social sciences, engineering or forestry. Simon's field is numerical analysis and optimization.

Originally from China, both Julie and Simon completed their PhD from the University of Alberta and they both share a wide range of interests from swimming and sports, to playing bridge.

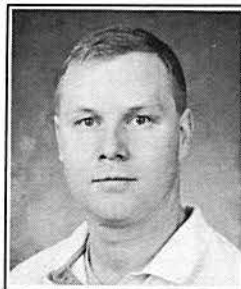
Julie Zhou's office is in the Ryan Building, RB 2016, and you can reach her by calling 343-8689. Simon Di's office is in the Braun Building, BB1067E and he can be reached by calling 343-8186. --W. Petersen

NECAH

Professor Mary-Lou Kelley and Dr. Darlene Steven, on behalf of the Northern Educational Centre for Aging and Health, have received a SSHRC Small Universities Grant for \$3500 to explore "Building a Model for Interdisciplinary Education: Gerontology at Lakehead University."

OUTDOOR RECREATION, PARKS & TOURISM

Dr. Russell Currie recently presented a paper entitled "The Liminoidity, Inversionary, and Prosaic Behaviours Model" at the 1995 National Recreation Park Association Symposium on Leisure Research. In addition, Dr. Currie, in conjunction with Texas A&M University, has just completed a market feasibility analysis for the USDA Forest Service and published a technical report entitled "Formulation of a Feasibility Analysis Prototype via Comparable Site Appraisal of Natural Resource Developments."



Dr. David Twynam was a co-coordinator of the conference *Shaping Tomorrow's North: The Role of Tourism and Recreation* held in Thunder Bay, October 12-15, 1995. Twynam also was a co-presenter of a paper entitled "Market Segmentation and Integrated Forest Management in Northern Ontario: Ecotourism and Activities, Setting and Outcomes." **Dr. Mike Quinn** presented a paper entitled "Woodland Caribou and the Wilderness Character of the North Shore" and a workshop presentation entitled "Expansion into Wildlife Viewing Opportunities: The Potential for Backcountry Outfitters and Lodges in Boreal Canada." **Dr. Bob Payne** was co-presenter of a paper entitled "Benefits, Business and Management in Canadian National Parks: Exploration and Issues" and held a workshop entitled "Reconciling Roads and Recreation in Northern Ontario." **Dr. Tom Potter** held a workshop entitled "Leave No Trace Outdoor Skills and Ethics: Today's Commitment for Tomorrow's North."

As Chair of the Kingfisher Partner Group, **Dr. Lisle Thomson** utilized a \$100,000 grant from the N.O.D.A. program and an additional \$75,000 (approximately) from the Federal government's Section 25 program to design and develop a new concept facility at Kingfisher Lake. Thomson and **Al Cameron** of Canadian Forestry Services officially

opened the Kingfisher Partner Group Demonstration Forest Trail on September 29, 1995. The Kingfisher Partner Group consists of members of the Faculty of Forestry, Scouts Canada, Confederation College, Ministry of Natural Resources, Lakehead Board of Education and Avenor.

Dr. Henry Akervall and Lorna Akervall, CDA, CDR, PDA, presented a seminar to delegates of the Ontario Dental Association at their annual Convention in Toronto in May, 1995. The full day seminar was based on a Home Study Program developed by Dr. Akervall and Lorna Akervall titled "Hands Off" Dentistry...Human Resource Planning and Team Development for the 90s and Beyond." The Home Study Program is also used in its entirety by the Ontario Dental Nurses and Assistants Association as part of their professional upgrading.

ENGLISH

Dr. Jeanette Lynes presented a paper entitled "Television and (De)regionalism: Wayne Johnston's *Human Amusements*" at the *Sense of Place* conference held at University of Alberta, Oct. 13-15. She has also published the following creative writing: *The Fiddlehead* (no. 184), 2 poems; *The Pottersfield Portfolio* (Vol. 16, No. 1), 3 poems; *The Nashwaak Review* (No. 2), 3 poems.

KINESIOLOGY

Lakehead University Human Performance Laboratory has been reaccredited as one of the 16 Canadian Society for Exercise Physiology High Performance Athlete Testing Laboratories.

Dr. Thomas M. K. Song, Professor and Coordinator of the Human Performance Laboratory, says maintaining uniform standards for physiological assessment is an important factor in determining the success of Canada's high performance athletes. The purpose of the accreditation program is quality control and quality assurance in athletes testing, assessing elite athletes, and providing the most effective sport science consultation and counselling to coaches and athletes. Many elite athletes in various sports organizations have been tested and consulted at the Human Performance

mance Laboratory. The high performance athlete testing program has been well accepted by the national sports organizations, coaches and athletes.

Dr. Moira McPherson was one of 14 invited speakers at the Third International Olympic Committee World Congress on Sport Sciences in Atlanta, Georgia. The World Congress on Sport Science reflects the International Olympic Committee's dedication to improvement of athletic performance through sport science. The 7-day congress attracted researchers from around the world. There were over 250 presentations on a variety of sport science topics. McPherson presented a paper in the Applied Biomechanics area entitled "Qualitative and Quantitative Analysis in Sport." The purpose of the paper was to promote the use of both qualitative and quantitative analysis of movement as sources of information to help athletes and coaches. The paper will be published in the congress proceedings.

Dr. R. Thayer and Ms Sandra Brundle presented a paper entitled "A Comparison of Fructose and Glucose Ingestion Before and During Endurance Cycling to Exhaustion" at the Canadian Society of Exercise Physiology in October, 1995. The conference was in Quebec City and was hosted by Laval University.

GEOGRAPHY

Two members of the Department of Geography have chapters in the book *Themes and Issues of Canadian Geography II Beiträger zur Geographie Kanadas I* recently published by the University of Salzburg, Austria.

The book consists of articles by geographers from across Ontario and Manitoba, and is based on a field course held in this country in 1993 for Salzburg geography students. All the papers are in English, except for one by a former Brandon University professor now head of Geography at Salzburg.

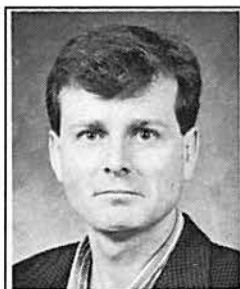
Lakehead contributions consist of "Communities and the resource economy of north-western Ontario" by **Dr. Margaret Johnston** of the Department of Geography and Centre for Northern Studies, and "Thunder Bay, Ontario: Rivalry and Harmony in an Amalgamated City" by **Dr. Robert Dilley** of the Department of Geography and former honours geography student **Eric Strand**.

SOCIAL WORK

Dr. John R. Graham and Alean Al-Krenawi are publishing "A Comparison Study of Traditional Helpers in a Late Nineteenth Century Canadian (Christian) Society and in a Late Twentieth Century Bedouin (Muslim) Society in the Negev, Israel" in the *Journal of Multicultural Social Work*, 4, 2, Fall 1995, 26 pp.

Graham has also published "Charles Eric Hendry (1903-1979): The Pre-War Formational Origins of a Leader of Post-World War II Canadian Social Work Education" in *Canadian Social Work Review*, 11, 2, Summer 1994, pp. 150-67 and "Lessons For Today: Canadian Municipalities and Unemployment Relief During the 1930s Great Depression" in *Canadian Review of Social Policy*, 35, Spring 1995, pp. 1-18.

Along with Beatrice Traub-Werner, Graham presented a paper entitled "Admissions Processes into Canadian Master of Social Work Programmes in the 1990s" at the Third International Conference on Social Values held at Oxford University, England, in July 1995. The paper will be published in their peer-reviewed *Proceedings* in 1996.



CHEMICAL ENGINEERING

Dr. V.R. Puttagunta chaired a session "Carbondioxide Separation Processes" at the Sixth Saskatchewan Petroleum Conference, Regina, October 17-18, 1995. Puttagunta also presented a paper "Generalized Viscosity Model for the Effects of Temperature, Pressure and Gas Composition" at the same conference. The co-authors of this paper are Dr. A. Miadonye from Rivers State University of Science & Technology, Port Harcourt, Nigeria; Drs. R. Srivastava & S.S. Huang from Saskatchewan Research Council, Edmonton, Alberta; and Prof. Yan Dafan from University of Petroleum, Beijing, China.

Several years ago, Puttagunta made a collaborative research agreement with the Heavy Oil Division of Saskatchewan Re-

search Council which supplied reliable experimental viscosity data for Saskatchewan heavy oils. These data, which formed part of the data base for the development of the now well known viscosity correlation, developed by Puttagunta with his associates, are difficult to obtain in university research because the high temperature and high pressure measurements cost hundreds of thousands of dollars.

Puttagunta presented a paper "Viscosity Estimation for Crude Petroleum Liquids" at the International Conference on Fluid and Thermal Energy Conversion '94, Kuta Denpasar, Bali, Indonesia, December 12-15, 1994. Puttagunta also chaired at the same conference, the concluding session: "Energy Optimization and Management."

POLITICAL SCIENCE

Dr. L. Paquette recently published a number of chapters and articles: "The Importance of Strategic Concept" in the *International Journal* L:4; "The North Korean Nuclear Crisis 1992-1994: Did Preventive Diplomacy Occur?" in *Peacemaking and Preventive Diplomacy in the New World Disorder*, edited by David Black and Sue Rolston of the Centre for Foreign Policy Studies, Dalhousie University, and "Taiwan's New National Strategy for the Post-Cold War World," in *Issues and Studies*, Taiwan's leading and best-known journal of international affairs, edited at the renowned Institute for International Relations of National Chengchi University, Taipei.

NURSING

Dr. Darlene Steven and Professors Rhonda Kirk-Gardner, Diana Pallen, and Dennis McPherson have received funding from the Ministry of Health, Health Community Grants to translate "The Hearts for Life Programme" into Ojibway and Finnish. The award is for \$7,500.

Dr. Darlene Steven and Professor Rhonda Kirk-Gardner presented a paper titled, "Congestive Heart Failure in the Elderly" and a poster "Hypertension in the Elderly" at the Canadian Council of Cardio-vascular Nurses Conference held in Toronto, October 26-27 (refereed).

Harris Cuts Could Shut Down Nanabijou Child Care Centre

by Nancy Luckai

When I found Nanabijou in the old Nursing Station of the LU Residence, I found not only a little piece of heaven for my two children but a big chunk of sanity for myself. Unfortunately, both states are now at risk. When announcements are made later this month about cuts to post-secondary education there will also be news about the Ontario child care system. The bottom line is that anticipated changes in the funding mechanisms -- subsidization of both spaces and wages -- will have devastating short and long term effects on a child care system we have come to rely on.

The proposed voucher system will save the government money because it will destroy the regulated day care sector. The method is convoluted but the result is clear. Even without releasing the details of the new plan, the government has admitted that:

- 1) children's safety will be compromised - parents will be required to sign a waiver so the province won't be held liable for children's safety,
- 2) over 50 percent of regulated, non-profit child care centres will close,
- 3) over 67 percent of regulated home child care will be lost, and
- 4) up to 90 percent of child care staff will lose their jobs.

Responding to the latter, Harris sees a silver lining in that all of these out-of-work professionals will be able to set up businesses in their own homes. This is ludicrous. The wages we have been paying day care workers do not allow them to be in a position to set up their own businesses. Unless of course we assume that children do not require much of anything in terms of space, toys, nutrition and sanitation. Furthermore, the team approach to child care sustains high quality facilities and personnel and safeguards against abuse by any individual. Virtually every working parent

has their own horror story about private day care -- current regulations under the Day Nurseries Act provide, at the least, an instrument by which we can protect our children. Without regulation, the children have no such defense.

The attitude of this government is clear. If parents, and more specifically women, can't find appropriate care for their children, they will have to stay home to look after them. Harris may improve his unemployment statistics with this strategy but he is wasting the incredible resource represented by parents in the workforce and he is squandering other public monies already spent to educate these individuals. All parents -- past, present and future -- have a stake in this fight. Write or phone your MPP and city councillor today. Attend the Town Hall Meeting organized by the Northwestern Ontario Region Child Care Committee on November 23 at the James Street School (Time - TBA). We must not let our own considerable worries about post-secondary education blind us to the dangers facing other Human Resource sectors!



Krista and Phillip Luckai learn and play in the supportive environment of Nanabijou Child Care Centre under the supervision of staff member Tonia Vercillo. The children's mother, Nancy Luckai, is a Technician with the Faculty of Forestry.

OPEN LETTER TO FACULTY

October 18, 1995

To all Faculty:

At the direction of Senate, a Space Users' Sub-Committee was set up sometime ago with direction to consider the condition of our instructional facilities. The Sub-Committee of Dr. Maurice Benson, Prof. Cynthia Loos, Dr. Brian Lorch, and Dr. John Whitfield as Chair designed and conducted a survey requesting faculty input on concerns they saw, from first-hand experience, with instructional space across the campus.

Members of the Sub-Committee were particularly impressed with the thoughtful and detailed responses provided on the survey. It was evident that many faculty members expended a good deal of time and effort on preparing useful and objective comments, and the Sub-Committee wishes to express its gratitude for that cooperation.

In reviewing the comments, obvious "clusters" of concerns became evident. Many related to air circulation (or lack thereof) and temperature control. Others reflected on the poor condition of furniture, inappropriate lecterns, inadequate or unsuitable audio-visual equipment, and quality or quantity of lighting, while still others spoke to occupational health and safety concerns.

The summary of your comments has been forwarded to the President, as Chair of the Space Committee, and to the departments who are able to effect remedial action, with a request that an action plan be prepared.

On behalf of the Sub-Committee, I want to sincerely thank each and every respondent for your thoughtful reply to our request for information.

John Whitfield
Chair of the Space Users'
Sub-Committee

FORMS OF LU PENSION

Life with a guaranteed period:

The pension is payable monthly for the lifetime of the member, and will cease on his or her death unless death occurs prior to the end of the guaranteed period, which may be for 5, 10 or 15 years. If death occurs prior to the end of the guaranteed period, and the member's beneficiary is a spouse or dependent, as defined under the Income Tax Act, the payments will continue until the end of the guaranteed period. Otherwise the present value of the remaining guaranteed payments will be paid in a lump sum to the member's beneficiary or estate.

Joint and 60% Survivor reducing on plan member's death - with or without guaranteed period:

a) Without guaranteed period

The pension is payable monthly for the lifetime of the member and, on his or her death, will continue to the member's spouse for his or her lifetime at 60% of the level that was being paid immediately before the member's death. If the spouse has predeceased the member, the pension will cease on the member's death.

b) With guaranteed period

If the member dies prior to the end of the guaranteed period, which may be 5, 10 or 15 years, the pension continues at the full level until the end of the guaranteed period and only then reduces to 60%. If both spouses die before the end of the guaranteed period, payments can continue to a dependant until the end of the guaranteed period. If there is no dependant, the present value of the remaining guaranteed payments will be paid in a lump sum to the beneficiary or estate of the last one of the couple to die.

Note: Under Ontario law, a member with a spouse must elect a pension which continues to the survivor of the couple after the death of either one, at the rate of at least 60% of that being paid while they were both alive, unless the non-member spouse waives his or her right to the survivor pension.

Other Forms of LU Pension:

Joint and survivor pension with or without a guaranteed period can also be taken at different levels, i.e. 100%, 50%, etc. Joint and survivor pensions reducing at the death of the member or the spouse are also available. For further information on pension options, contact Bill Bragnalo at extension 8757 or E-mail Bill.Bragnalo@LakeheadU.Ca.

GOVERNMENT BENEFITS

Canada Pension Plan (CPP)

CPP Eligibility

To be eligible for a CPP retirement pension, an applicant:

- must apply for the retirement pension, unless at age 65 he/she is in receipt of a CPP disability pension
- must have made at least one valid contribution to the Plan and must be either
 - a) at least 65 years of age, or
 - b) age 60 to 64 and have wholly or substantially ceased working

CPP at Age 65

- the basic pension is payable the month after the applicant's 65th birthday
- the pension is equal to 25% of the contributor's average monthly pensionable earnings
- the maximum monthly benefit payable in 1995 is \$713.19
- the applicant does not have to cease employment
- once the pension payment begins, no further contributions can be made to the Plan
- the pension amount will be adjusted annually to reflect changes in the Consumer Price Index.

CPP Between Ages 60 and 64

You could start collecting your CPP as early as age 60, and the amount of Canada Pension would be decreased by 0.5% for each month between the date the pension begins and the month after the applicant's 65th birthday. If, for example, you begin receiving your pension at age 60, your monthly CPP pension will be reduced to 70%. The pension amount will not be readjusted at age 65, but the pension will be adjusted annually to reflect changes in the Consumer Price Index.

Old Age Security (OAS)

You may apply for benefits at age 65. The amount is based on the period of residence in Canada after age 18. The maximum benefit January 1, 1995 was \$387.74. The amounts are increased every three months based on increases in the Consumer Price Index.



Q. Can I get more information or an estimate of my CPP and/or OAS before I decide to apply?

A. Yes, further information can be obtained from:

*Human Resources Development Canada
Income Security Programs Office
2 Court Street South
Thunder Bay, Ontario P7B 2W3
1-800-416-9881*

DOWN UNDER

Human Resources

Telephone 343-8334
Fax number 346-7701

❑ A public lecture on "Exploring the nature of aggregation effects in the Census Data from the Toronto urban region" will be given by Dr. Carl Amrhein, Chair of the Department of Geography, University of Toronto. The lecture is scheduled for Friday, November 17, 1995 at 10:30 am in the Conference Room, Centre for Northern Forest Ecosystem Research. Students interested in pursuing a graduate degree in Geography are invited to meet with Dr. Amrhein on Friday afternoon, 1:30 pm in RC-2003.

❑ The Thunder Bay Chapter of the International Association of Business Communicators (IABC) invites you to join film producer and director Jim Hyder for a two-hour workshop on the art and craft of interviewing on Saturday, November 18 from 10:00 to 12:00 noon in the Faculty Lounge. Cost: \$20 IABC Members, \$25 non-Members, and \$10 Full-time Students.

Hyder's 23-year film career includes Distant Voices, the critically-acclaimed TV Ontario Series and the first IMAX film "North of Superior."

To register contact Nancy Angus by telephone 623-6132 or by Fax 623-4815.

❑ Lakehead University's annual Holiday Celebration will be held Friday, December 8, 1995 in the Tiberio Room, Airline Hotel starting at 6:30 pm with a Symposium, Buffet Dinner, and Dancing. Tickets are \$35 per person and may be obtained by contacting Linda Phillips at 343-8200.

❑ Dress Down for the United Way on Friday, November 17, 1995

LAKEHEAD UNIVERSITY CONCERT SERIES

(Fall Schedule)

All concerts, unless otherwise noted, are held in the Jean McNulty Recital Hall, William H. Buset Centre for Music and Visual Arts

Tuesdays, 12:30 pm

November 28: Jehanbakhsh Jasavala, trombone; Joy Fahrenbruck, piano.

For tickets and information call:

343-8787

NOMINATIONS SOUGHT FOR THE SPORTS WALL OF FAME

Lakehead has established a Sports Wall of Fame to formally recognize outstanding achievements and contributions made by individuals or teams to Lakehead University's athletic program.

Individuals may be nominated as "Athletes," "Builders," or as "Members of a Team."

An "Athlete" will not be considered until five years after graduation. "Builder" nominees may be either active or inactive at their time of consideration and must have served for a period of at least four years (not necessarily consecutive), as an executive or member of a support group, coach, official, manager, or an administrator. "Team" nominees shall not be considered until 10 years after the year of achievement.

The deadline for the receipt of nominations is November 30, 1995. For more information contact the Athletics Office at 343-8213.

LUCC SEVENTH ANNUAL CHILDREN'S HALLOWEEN PARTY

The seventh annual children's Halloween Party was held on Sunday, October 29 at 2:00 pm. There were approximately 70 children plus parents in attendance. As usual the haunted house and the craft table were a big hit. A parade was featured to show off the costumes. According to reports, a fun time was had by all. Thanks go out to all the volunteers who helped with stuffing bags, constructing the haunted house and all the activities connected with the actual party. Thanks also to those who helped financially by buying 50/50 tickets, and making donations. -- Norma Gibson

RAFFLE WINNER

Congratulations to Henry Vanek of Brampton, Ontario, who was the lucky winner of the Alumni Association's Trip for Two Raffle, anywhere in the world where Air Canada flies. Over \$2500 was raised by the Raffle for Alumni scholarships and bursaries.

**DEADLINE
FOR THE DECEMBER ISSUE OF
THE AGORA
DECEMBER 1, 1995**

Agora

The Agora is published by the Information Office of the Department of External Relations. The newsletter is distributed monthly (except for July and August) to faculty, staff and friends of Lakehead University.

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C. Trojan
External Relations

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Class

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