



Agora

Thunder Bay, Ontario, Canada
February 1997, Vol. 14, No. 2
ISSN 0828-5225

A NEWSLETTER FOR LAKEHEAD UNIVERSITY STAFF & FACULTY

Over \$26.4 Million Raised in Share Our Northern Vision Campaign - Phase 1



A new stained glass donor board acknowledging those who gave over \$5,000 to the Share Our Northern Vision fund-raising campaign was unveiled at a reception in the Faculty Lounge in January. In attendance were (left to right): Dusty Miller, Chair, Board of Governors Fund-raising Committee, Bill James, National Chair, Share Our Northern Vision Campaign, Damon Dowbak, local artist and creator of the donor board, and Bob Rosehart, President of Lakehead University.



Campaign volunteers Bill James, President and CEO of Inmet Mining Corporation, and Florence Johnston, former member of the Lakehead Board of Governors, celebrate the close of Phase 1.

At the closing reception on January 30, 1997, Lakehead University honoured the donors from the city, the region, the province, and across Canada who contributed to the Share Our Northern Vision Campaign -- Northwestern Ontario's largest and most ambitious fund-raising campaign.

Through the generosity of donors and the strong commitment of volunteers, Lakehead exceeded its original goal of \$19.2 million.

These funds have enabled Lakehead to complete important capital building projects including the Bora Laskin and Chancellor Paterson Library renovations, the Student Centre, and special needs accessibility. The funds have also enhanced Lakehead's scholarships and bursaries program and developed new initiatives such as the Halliday Hall Fellowship Residence/Alumni House, the Chair in Finnish Studies, Distance Education Step-Video Conferencing, the Native Access Program for Engineering, and the William H. Buset Centre for Music and Visual Arts.

"Share Our Northern Vision has truly made a difference at Lakehead," says Joy Himmelman, Director of Student Services and Community Relations. "The \$26.4 million raised is a substantial amount and is the result of many years of hard work by Dr. Rosehart, the staff of the Community Relations Department, and the numerous volunteers as acknowledged in the *Share Our Northern Vision Report* (published in this issue of the *Agora*).

"I would like to sincerely thank all those members of the University community who have contributed to the success of the campaign either through financial contributions or their participation in the campaign activities and events. We couldn't have done it without you."

INSIDE

Meet the 1996
Recipients of the
Distinguished
Researcher
Award:

Dr. Murray
Lanckster

&

Dr. Rao
Puttagunta

... page 6

Making an
Economic Case
for Physical
Activity by Dr.
Tony Bauer

... page 11

LAKEHEAD TO HOST CIAU WOMEN'S BASKETBALL CHAMPIONSHIP

March 12-16, 1997

By Andrew Monahan

When Lakehead hosted the National Women's Basketball Championship two years ago, organizers had to compete with the 1995 Nordic World Ski Championships for volunteers, hotel rooms and media coverage. In spite of those challenges, the event proved to be so successful the Canadian Interuniversity Athletic Union (CIAU) asked Lakehead to host the games again -- in 1997, 1998, and 1999!

Stu Julius, Lakehead's Athletic Coordinator and Women's Basketball Coach, is proud that Lakehead is hosting this high calibre event. "Lakehead is recognized as a good basketball school, and a good basketball community," he says.

The support and organization of the 1995 Championship here at Lakehead made a good impression on organizers and on TSN, the television network broadcasting the championship game across Canada. "And for a change," says Julius, "geography has been an asset for us in the decision." Thunder Bay just happens to be in the geographic centre of Canada, and an ideal meeting place for a national championship.

Hosting a national event each year for three years has some obvious benefits for Lakehead, media coverage being one. TSN will be covering the gold medal round to be held Sunday, March 16, which will give the University excellent coverage nationally. The Lady Nor'Westers have also been "looking optimistically at the championships," says Julius, having defeated some of the top 10 teams in the country this year. They are also undefeated on their home court this season.

As for the difficulties, organizers are anticipating that getting the fans out will be their greatest challenge. "With the added pressure to perform, the Lady Nor'Westers will need as much fan support as possible, particularly during the Saturday afternoon game," says Julius.

Tickets will be on sale for six different "sessions." Each session includes two games except for the gold medal match on Sunday, March 16 which consists of only one game. Prices are \$9 for adults, \$5 for students and seniors, and \$1 for children (un-

der 12). They are available at the C.J. Sanders Fieldhouse, the Alumni Bookstore, and various outlets around the city.

CIAU SCHEDULE

Friday, March 14, 1997

Session 1

Games 1 & 2

(1 p.m. and 3 p.m.)

Session 2

Games 3 & 4

(6 p.m. and 8 p.m.)

Saturday, March 15, 1997

Session 3

Games 5 & 6

Consolation Side

(1 p.m. & 3 p.m.)

Lectures/Discussions

(9:30 a.m. to 11:30 a.m.)

Session 4

Games 7 & 8

(6 p.m. & 8 p.m.)

Sunday, March 16, 1997

Session 5

Game 9

Consolation Final

Game 10

Bronze Game

(10 a.m. & noon)

Session 6

Championship

(4:30 p.m.)

NANABIJOU CHILDCARE CENTRE

Nanabijou Childcare Centre intends to offer a summer school age program starting July 2, 1997, and running through to the end of August. Enrollment can be for the whole summer or in two-week blocks. Drop-in care is also available.

The program will be on-campus and will include outdoor activities such as nature walks and games and indoor crafts, music and creative play. The program coordinator is a licensed Early Childhood Educator. For more information, contact Sheila Wilhelm, Director of NCC, at 343-8369.

Nanabijou will once again be offering evening care during the Spring Session. If you would like to take a course but are concerned about childcare, call Sheila Wilhelm to discuss the options available to you at Nanabijou. Drop-in care is also available with minimal notice. On-campus, licensed, convenient, nutritious meals and fun times! Come join the fun! -- Nancy Luckai

BREAST CANCER FORUM

"The Estrogen Question"

Saturday, March 1, 1997

1-3:30 pm

Upper Lecture Theatre

Guest speakers will be:

Dr. Glen Holloway (Gynecologist)

"Menopause & Estrogen"

Dr. Wesley Fidler (Rheumatologist)

"Osteoporosis & Estrogen"

Dr. Susan Dent (Oncologist)

"Breast Cancer & Estrogen"

Dr. Christopher Lai

(Cardiologist)

"Heart Disease & Estrogen"

There will be an open question period following presentations and refreshments will be provided. Tickets will *not* be sold at the door. Tickets are \$5 and are available from:

Breast Health Centre (344-0088)
Canadian Cancer Society (344-5433)
Northwestern Ontario Breast Screening Program (343-1690) Northwestern,
Ontario Regional Cancer Centre (343-1610), Thunder Bay District Health Unit (625-5900)

Health Fair

In conjunction with the Breast Cancer Forum, a women's Health Fair will also be held in the Agora at Lakehead from 12 noon to 4:30 p.m. The Health Fair will be open to the public at no charge. Both events are being co-sponsored by the Women's Studies Program at Lakehead.

MATHEMATICS CONFERENCE

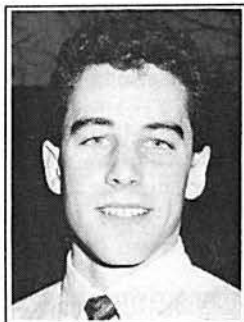
Dr. Mehat Rahim (Education) is coordinating the annual Conference for the Canadian Mathematics Education Study Group to be held on the Lakehead campus May 23-27, 1997. Dr. Keith Roy, Chair of the Department of Mathematics and Statistics, is the vice coordinator of the conference. Lakehead is expecting to welcome about 70 mathematicians and mathematics educators from all over Canada, U.S.A. and Europe. The Internet address for the conference is <http://www@lakeheadu.ca/cmescgwww/~gcdem97.html>



TWO-TIME WINNERS OF NATIONAL MERIT AWARD

For the second year in a row, Lakehead's Student Chapter has been awarded a National Merit Award by the Canadian Society for Chemical Engineering. In the photo above are Student Chapter Executive members: (left to right) Cory Schmidt, Kris Heale, Dave Maijala (President), Ingrid Thompson, Brad Scott, Michelle Macgowan, Kevan Gillson and Adrienne Stolz.

In addition, Lakehead chemical engineering student **Kris Heale** was chosen to be the 1996 recipient of Edmonton Chemical Engineering Scholarship of \$1000 awarded by The Canadian Society for Chemical Engineering. The prize was given for leadership qualities, above-average academic performance and contributions to the CSCHE.



As well as serving as Vice-President External with the Student Chapter, Heale has been an avid competitor in provincial and national level cross country skiing and running events. In engineering, he is particularly interested in the environment and pollution reduction.

Group Home & Auto Insurance Plan

for LU faculty, staff & alumni

Sponsored by

Lakehead University Alumni Association

"Save money and help the Association at the same time"

Call for a Quote

1-800-327-5580

OSOTF RAFFLE

Grand Prize: Free Tuition for One Year

Next month, one lucky person is going to win a year of free tuition at Lakehead University, another will win a Kona Fire Mountain Rock Shox mountain bike, and a third will win a custom-made backpack from Ostrom Outdoors.

For the cost of a \$2 ticket (3/\$5) participants will be taking their chances on winning these and other prizes totalling more than \$6,000. All prizes have been donated to Lakehead University in support of the University's efforts to raise money for student bursaries. The funds raised will be matched dollar for dollar by the Government of Ontario through the Ontario Student Opportunity Trust Fund.

You may purchase your tickets on campus at the LUSU office and from residence council representatives. If you wish to help sell tickets, OSOTF Raffle organizer Noël Keag has arranged for a Vending Machine donated by Pepsi to be given to the person who sells the most tickets. For information contact Noël Keag at 343-8631.

OSOTF Raffle Draw will take place on

Thursday, March 27, 1997

CHEMICAL ENGINEERING CONFERENCE

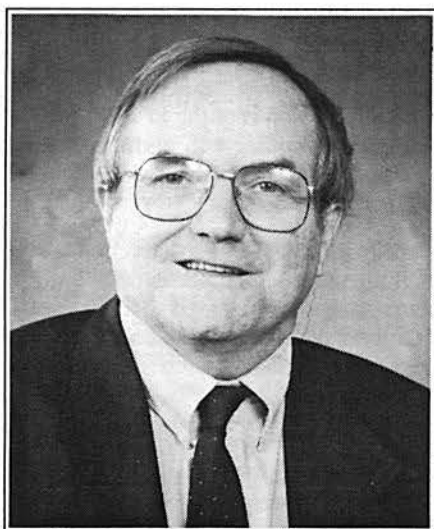
Saturday, March 23, 1997

Students, staff, faculty, alumni and guests are invited to attend the 5th Annual Chemical Engineering Conference at Lakehead with keynote speaker **Dr. Alistair Miller**, President of the Canadian Society for Chemical Engineering. For information, Contact Dr. Inderjit Nirdosh at (807) 343-8343.



OVIDE MERCREDI VISITS LAKEHEAD

Ovide Mercredi, the National Chief of the Assembly of First Nations, visited the campus in February at the invitation of a student club called The Coalition for Culturally Appropriate Education @Lakehead University. During his talk to a crowd of more than 500 students, staff and faculty in the Agora, he called on Canada's Prime Minister to convene a meeting of the Premiers to decide what to do about the recommendations put forward by the Royal Commission on Aboriginal Peoples.



Robert G. Rosehart
President, Lakehead University

The Great Plasma Challenge

It appears that Lakehead faculty and staff have won a resounding victory in the friendly competition initiated by LUSU to see which group -- students or staff/faculty-- could donate more blood plasma to the Thunder Bay Plasma Collection Centre over a one-month period ending February 15, 1997. (It was agreed upon at the outset that since Lakehead students outnumbered staff and faculty by a ratio of 6:1, the results would be calculated accordingly.)

When the competition ended, LUSU President Chris Straka E-mailed me to say that while Lakehead students donated 33 units (given by 25 people) compared to staff/faculty's 11 units (given by 5 people), when the ratio of 6:1 was factored in, the results showed that staff and faculty donated 50% more blood plasma than the students. However, he pointed out the student body was actually the true winner of this challenge to support the Plasma Centre's drive for new donors since a "whopping" 85% of Lakehead student donations were made by *new donors* compared to a "measly" 9% from Lakehead staff and faculty.

Congratulations to all who took part in this worthy initiative. Let's hope that The Great Plasma Challenge becomes an annual event.

Pat O'Brien to Leave Thunder Bay

Pat O'Brien, past Chair of the Lakehead University Board of Governors, is moving to Toronto to take up a new position with his employer, Ontario Hydro. Pat has been well recognized in the community with his "Mr. Volunteer" and "Hydro Pat" nicknames, and his work on behalf of Lakehead University over the years is a fine example. Pat is a Lakehead graduate who very much values and recognizes the opportunities that post-secondary education gave him and, ever since, he has been giving something back. Although Pat and Lynda are moving to Toronto, I am sure that they will continue to be involved, Pat as Past Chair, and both as valued alumni of Lakehead University.

Tuition Announcement and Budgeting for 1997/98

Now that the Ontario Government has announced the tuition policy for 1997/98, we can work to further develop our budget models.

An increase of up to 10% will be permitted with 30% of any increase dedicated to student bursaries. With the general grants' announcement having been made prior to the new year, we are still awaiting the specific allocation for Lakehead University. It was expected prior to the end of March, 1997. The major piece of the puzzle to put together is the enrolment estimate, and this will be further debated by the Task Force on Funding during the coming weeks.

The recent government announcement also introduced two new initiatives but provided few details. The first initiative is a special scholarship program whereby 2% of the very top students in the Ontario system would be rewarded with free tuition. The second initiative consists of proposed changes to the student loan system as follows: Effective August 1, 1997, students will have to borrow \$7,000 from OSAP before the loan-forgiveness part of the program kicks in. The current level is \$6,000.

In addition the Ontario government is encouraging the Federal government to introduce a form of "educational" RRSP to help individuals to save for post-secondary education.

Rumours about the federal Budget (due, I believe, on February 18, 1997) suggest that some type of new federal initiative aimed at the encouragement of university and university-business sponsored research will be a central budget theme.

New Book - Dr. Pradip Sarbadhikari

Oxford University Press has recently announced the publication of "Reconstituting India" edited by Pradip Sarbadhikari, Chair of the Political Science Department at Lakehead University.

Team Canada

Dan Parker of the Faculty of Business Administration (Year 4 Commerce) and I made the 10-hour trip from Vancouver to Seoul, Korea, in some impressive company. Shortly after take-off, Prime Minister Chrétien passed through the cabin and the Team Canada Mission was officially launched.

After arriving in Seoul, we confirmed the status of KookMin University and Inha University as two institutions with whom we wanted to sign formal agreements as part of the formal signing ceremonies with the Prime Minister and the Premiers. The two agreements were finalized and, with both university Presidents attending, Dan Parker and I formally participated in the ceremonies.

As well, I spent several hours at a third institution that holds promise in the future, and I anticipate that officials from this institution will visit Lakehead University this summer.

The focus on English competency is almost overwhelming. At one institution, oral English competency has been made a formal requirement for graduation (without special courses offered), and this trend is expected to grow.

The Korean institutions interested in Lakehead University focus on the following areas:

- bilateral student/faculty exchanges;
- recommending English teachers on an annual basis;
- collaboration to strengthen research with the Korean universities;
- the provision of special summer language/cultural programs in Canada for Korean students;

As a result of this visit, we have been asked to submit a proposal for a new summer program and, near the end of the visit to Korea, another university expressed an interest in a bilateral program with Lakehead University. The one university that I was able to visit was very impressive with modern facilities.

As well, during the visit to Korea, I had the opportunity to meet, over dinner, a total of eight recent graduates of Canadian universities who are teaching English in various Korean language institutions (including one recent Lakehead University graduate, Diane Ramanathan). Although there are some negative stories to be heard, all of these recent graduates were very enthusiastic about the experience. The salary is not bad and, with most living costs taken care of, reference was made, more than once, to the prospect of saving money to pay off student loans. There seems to be literally thousands of recent Canadian graduates in Korea and still many new jobs are posted. The suggestion was made, and I think it is a good one, that through our Placement Centre or Career Centre, we should have one of the graduate teachers, on a visit back to Canada, come and give an informational seminar on teaching in Korea to interested students. As well, one of the Canadian universities that places a significant number of graduates in Korea, tacks on to their academic year ESL Part I to help prepare the recent graduates.

A few other general reflections relate to the current labour issues in Seoul. Although very localized, it is quite dramatic, especially if you unexpectedly come upon the riot police or a demonstration. Roy Murray from Confederation College, Dave Marshall, President of Nipissing University, and I ventured forth early one morning to visit the labour leaders holed up on the grounds of Myongdong Catholic Cathedral. To our surprise, we easily entered the compound and talked with the Vice-President of the Korean Confederation of Trade Unions. Although small in numbers, this is a very committed and ideologically-based effort that is as much about politics as it seems to be about labour laws. A general election will be held this year in Korea, and this has enhanced the public interest.

Manila, the capital of the Philippines, was the second official stop, but only for a two-day visit. In addition to the formal Team Canada program, I was able to meet Gregoria Beltran, the Principal of Hope Christian High School in Manila. Gregoria is the sister of Dr. Anita Beltran-Chen of Lakehead University's Department of Sociology. As well, I visited the Canadian immigration office to



Team Canada participants meet with the Minister and the Permanent Secretary of the Ministry of University Affairs of Thailand.

determine the ease (or lack of it) in obtaining a student visa and, as well, to meet with the official of Cardinal Sin's office who is in charge of all parochial schools in the Philippines.

On the trip, Premier Mike Harris was very approachable and commented several times on the strength of the Ontario post-secondary sector. Although I had met the Premier in the past, this trip offered the first interactions since his government came to power. As well, on the Team Canada plane, wearing my Lakehead University sweatshirt, I flushed out a 1961 attendee of Lakehead University, John Legate, who remembers his Lakehead days very fondly. He currently operates a business in the Ottawa area. With some 350 business delegates on the airplane, it could be considered a fund-raisers' paradise.

The final airport of call was Thailand and the photo (below) shows the Canadian university delegates with the Thai Minister of University Affairs, Mr. Montree Danpaibul. I attended an education fair in Bangkok sponsored by the Canadian Education Centre and, while I don't see the potential for a lot of Thai students coming to Canada, the universities do present interesting opportunities for short-term, reciprocal faculty visits and for specialized student placements. For example, five of our 1997 class of nursing students at Lakehead University are currently doing a placement in Northern Thailand and much interest was shown in similar visits for teacher education placements.

In closing, this trip was a beneficial and interesting experience for both Dan Parker and myself (even though, on some days, it seemed like a long, incredible journey — try to imagine a bus with 425 people on it moving through 3 cities of 10 million people). I brought back extensive paper material on the trip and if individuals are interested in more information, please feel free to give me a call.

CanCopy Violations

We have been advised of two further alleged violations of our CanCopy licence. I related an earlier concern a few months ago. I am somewhat surprised more are happening and are being reported independently to CanCopy. These are serious issues and an educational initiative will be mounted to better inform faculty and staff of our legal obligations under the CanCopy licence.

Shad Valley at Lakehead University in the Future

You are invited to participate in an exploratory seminar to examine whether the Shad Valley Program could be offered at Lakehead University starting in 1998. Such a program, which promotes excellence in science, technology and entrepreneurship, would bring 50 of Canada's top high school students to our campus for one month.

- Date: Wednesday, February 26, 1997
 Place: Senate Chambers
 Time: 9:30 a.m. to 12:30 p.m.
 Stand-up Lunch Provided
 Program: Ron Champion, VP, Shad Valley
 - An Introduction to Shad Valley
 John Whitfield, VP (Academic) Lakehead
 - What does Shad Valley mean to Lakehead?
 Elizabeth Smyth, OISE Thunder Bay
 - What does Shad bring to the gifted student
 - One or two Shad graduates
 - Shad as a summer experience

Close Encounters of the Research Kind

Cathy Gibbs

interviews the

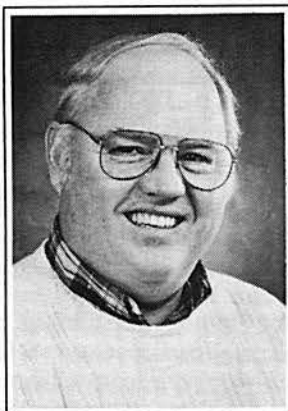
1996 Recipients of Lakehead's

Distinguished Researcher Award

DR. MURRAY LANKESTER

Hooked by Worms

Nematodes. Flukes. Worms. An odd passion one might think but an interest that infected Dr. Murray Lankester by chance; the vector being a summer job with a parasitologist during his undergraduate years. The result was that Lankester became the host to an unshakable, lifelong fascination for these "gruesome little freeloaders." He has even received what most would consider a dubious distinction -- a parasitic nematode has been named in his honour, *Voguracuaria lankesteri*.



Not every parasite is fortunate enough to be scrutinized by this Lakehead University Biology professor and his team of graduate students. Lankester prefers to concentrate on critters that have the potential to impact populations of valued wildlife species. In over 100 scientific publications he has examined, among other things, the effects of swimbladder worms in sport and commercial fishes of Lake Superior, gizzard worms in shorebirds, muscle worms in arctic caribou, the brain worm causing Circling Disease in moose, and the way deer ticks (and Lyme disease) make their way to Thunder Bay on migratory birds.

A lot of his energy is spent guiding graduate students with their thesis and manuscript writing, something Lankester feels is the

most difficult, yet most important part of their training. He credits his recognition as a recipient of a Distinguished Researcher Award to the *quality and quantity* of the publications produced by him and his graduate students -- the ultimate measure of one's research contribution.

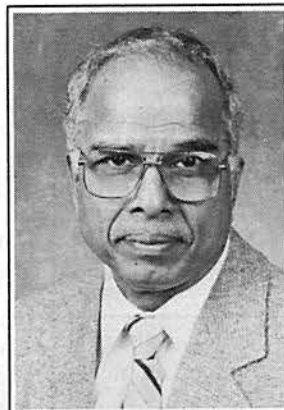
Currently, Newfoundland caribou are arousing his curiosity, or rather, the wormy parasite of these animals. Lankester recently made a significant discovery when he linked a new neurological disease in Newfoundland caribou to a Norwegian parasite. The parasite, he hypothesized, was likely introduced to Canada by reindeer imported from Norway in 1908. Several questions still remain unanswered: how and why did the disease result in recent epizootics and which members of the caribou herd contributed the most to this outbreak?

No doubt Murray Lankester will be pursuing these and many more "wormy" questions in the years ahead.

DR. RAO PUTTAGUNTA

A Master Storyteller

Dr. Rao Puttagunta's applied research has taken many and varied forms, sometimes requiring scientific input on controversial subjects, but most times awarding him with international distinction. He played an integral role in the development of an organic coolant for CANDU nuclear reactors, greatly increasing their efficiency. He provided the ingenuity necessary for the development of a viscosity correlation equation which predicts the behaviour of oil from bitumen sands at any temperature with a variety of variables. He has been a nuclear reactor troubleshooter, his work culminating in handbooks for the design and operation of some key nuclear power reactor systems, and he has even been instrumental in piloting the chemical synthesis of several new compounds.



Puttagunta's current research -- which is detailed in the Winter '97 issue of *Nor'Wester* -- involves the upgrading of bitumen oil. He is striving to convert bitumen completely to liquid fuel with no coke by-product. The process is still in the lab stage, but if he successfully generates an economically and socially feasible pilot process, this technology may revolutionize international supply and demand balances.

Rao Puttagunta considers classroom contact to be an integral part of his university career. He believes teaching gives him the intellectual stimulation crucial to pursuing research while research provides him with the practical applications (and the stories) to keep his classes stimulating and exciting.

What currently inspires him? In his younger years it was the excitement of discovery, but now other goals have reached far greater importance: reading, gardening, music, and understanding his maker.

Cathy Gibbs is one of several students participating in a student writing program sponsored by *The Chronicle-Journal*. The program is called *S.P.A.R.K. -- Lakehead Students Producing Articles on Research Knowledge*.

The Distinguished Researcher Award is presented each year by the Vice-President, Academic, on the recommendation of the Senate Research Committee.

**For information contact:
Brian O'Connor, Chair, Senate
Research Committee**

CALL FOR PAPERS

for the 8th Annual

GRADUATE STUDENT CONFERENCE

to be held March 12, 1997

in the Senate Chambers

Graduate students interested in presenting papers are encouraged to contact:

**Lynn Gollat
Graduate Studies and Research
343-8785**

Share

OUR NORTHERN VISION

REPORT

Over
\$26.4 Million
Raised!

Volume 4; Issue 1

Winter 1997



Dr. Robert G. Rosehart
President
Lakehead University

It seems hard to believe that the *Share Our Northern Vision* campaign (Phase I) is completed. Five years ago when the campaign was launched in Toronto's Royal Bank Tower and later in Thunder Bay, it seemed that this

celebration was many, many days into the future. Indeed our project seemed daunting but now, here we are celebrating not only having reached our goal but surpassing it. I extend much appreciation to all of our generous donors from the City of Thunder Bay, the region, the province and from across Canada who have contributed to the \$26.4 million that Lakehead has received.

The funds have enabled us to complete important capital building projects, enhance our scholarships and bursaries program and develop some interesting new initiatives. I would especially like to acknowledge and thank all the members of our campaign cabinet and, in particular, the Chair, **Bill James**, for his inspiring leadership.

A special thank you also goes to the many other volunteers who have worked tirelessly to see us to the completion of the largest fund-raising campaign ever conducted in Northwestern Ontario. Some exciting new initiatives are planned with Phase II, and we look to your continued support and leadership.



William James
National Chair
Share Our Northern
Vision Campaign

Thunder Bay; **Robert F. Faircloth**, recently retired Executive Director, BTR Industries Limited, United Kingdom; **Richard G. Anderson**, Chair and Chief Executive Officer, Powell Equipment Limited, Winnipeg; **Norene C. MacLeod**, Manager, Public Relations, Ontario District, Royal Bank of Canada, Burlington; **William K. Rankin**, owner Pizza Pizza, Thunder Bay; **William B. McDermott**, President, McDermott Group Inc, Mississauga; **Florence J. Johnston**, Past Chair, Fund-raising Committee, LU Board of Governors; **H. Fraser Dougall**, President and Chief Executive Officer, H.F. Dougall Company Ltd., Thunder Bay; **John D. Valley**, Managing Director, Chase Manhattan Bank of Canada, Toronto; **Peter J. Prior**, Senior Manager, Royal Bank Trade Service Centre, Toronto; **Thomas J. Jones**, President and CEO, Tom Jones Construction Inc., Thunder Bay; and **Harry Jaako**, Chair, Discovery Capital Corporation, Vancouver. Congratulations to all of our generous donors who recognize that we are able to meet the post-secondary educational challenges of tomorrow by making an investment in Lakehead University today.

As the National Chair of the *Share Our Northern Vision* campaign I would most especially like to thank the hard-working members of the Campaign Cabinet including **Robert J. Paterson**, CEO Marine Division, N.M. Paterson and Sons Limited,



Dusty Miller
Chair, Board of
Governors
Fund-raising Committee

The last few years have been a difficult time of change and adjustment for the University. While our students struggled with the increasingly high costs of education, Lakehead, like many of its

counterparts in Ontario, faced immense challenges due to reduced government funding. Nevertheless, thanks to the financial support of numerous corporations, foundations, local and regional businesses, faculty, staff, alumni and friends, we have emerged from these trying years with renewed ability to meet the new social, economic and fiscal realities.

On behalf of the Board of Governors Fund-raising Committee, I wish to express our heartfelt gratitude to all the *Share Our Northern Vision* donors. Your gifts will enable Lakehead to build on its long-standing commitment to excellence in teaching and learning. They will also help the University to create and sustain a rich climate for research and scholarship. Your generosity in the area of bursary and scholarship endowments will assist future generations of students in attaining their academic goals.

Although the path ahead for Lakehead and its students may continue to be challenging, I am confident that, with your support, Lakehead will prosper, develop and move forward into the next century with confidence.

LAKEHEAD



UNIVERSITY

SHARE OUR NORTHERN VISION CAMPAIGN - PHASE I

Source of Funds

As of October 31, 1996	Goal	Pledges & Cash Gifts	% of Goal
UNIVERSITY FAMILY			
Board of Governors	\$100,000	\$386,077	386.1%
Faculty & Staff	\$100,000	\$276,665	276.7%
Alumni	\$1,000,000	\$1,510,146	151.0%
Misc. Family Gifts		\$35,175	
TOTAL UNIVERSITY FAMILY	\$1,200,000	\$2,208,063	184.0%
STUDENT REFERENDUM	\$2,900,000	\$4,451,210	153.5%
FRIENDS, BEQUESTS & MISC.			
Bequests		\$499,750	
Friends & Misc.		\$1,024,642	
TOTAL FRIENDS, BEQUESTS & MISC.	\$1,000,000	\$1,524,392	152.4%
PARENTS	\$100,000	\$93,996	94.0%
FOUNDATIONS	\$1,200,000	\$2,247,007	187.3%
CORPORATE SECTOR			
National Corporations		\$3,725,739	
Local/Regional Corporations		\$544,095	
Corporate Foundations		\$236,495	
Service Clubs, Assoc. & Societies		\$1,756,498	
TOTAL CORPORATE SECTOR	\$4,200,000	\$6,262,827	149.1%
TOTAL PRIVATE SECTOR GIVING	\$10,600,000	\$16,787,496	158.4%
MUNIC/PROV/FED. GOV'T	\$8,600,000	\$9,628,328	112.0%
GRAND TOTAL	\$19,200,000	\$26,415,824	137.58%

Disbursement of Funds

As of October 31, 1996	Goal	Pledges & Cash Gifts	% of Goal
Bora Laskin Building	\$6,000,000	\$1,187,092	19.8%
Chancellor Paterson Library	\$3,000,000	\$4,327,560	144.3%
C.J. Sanders Fieldhouse	\$3,000,000	\$37,500	1.3%
Student Centre	\$3,300,000	\$4,444,912	134.7%
Scholarships, Bursaries, Awards	\$1,000,000	\$2,996,716	299.7%
Equipment	\$1,000,000	\$1,083,027	108.3%
New Initiatives	\$1,000,000	\$9,929,347	992.9%
(e.g. NAPE, Chair of Finnish Studies, Music & Visual Arts, LU Sports Institute)			
Fellowship Residence (Halliday Hall)	\$500,000	\$476,110	95.2%
Handicap Access	\$400,000	\$273,116	68.3%
Unrestricted		\$490,575	
Faculty & Dept. Initiatives		\$1,169,869	
TOTAL	\$19,200,000	\$26,415,824	137.6%

A Special Thanks to Lakehead University Faculty and Staff who contributed to the Share Our Northern Vision Campaign from November 1991-October 31, 1996

Ms Beverly Adams	Mr. Douglas Clarke	Dr. Colin Graham	Mr. Peter N. Labor	Seyffert	Mrs. Vera I. Stankey
Dr. Henry J. Akervall	Mr. Richard Clarke	Mr. Eric A. Green	Lakehead University	Dr. George W. Ozburn	Ms Donna L. Stecky
Mr. Doug Alexander	Mrs. Kerrie-Lee Clarke	Miss Joanna M. Griffith	Faculty Association	Mr. Daniel R. Pakulak	Mrs. Beverley Stefureak
Mr. Frank Allaire	Mr. Andre T. Cloutier	Dr. T. John Griffith	Dr. Murray Lankester	Ms Diana E. Pallen	Mrs. Bonnie J. Stemkens
Mr. Ken Allan	Ms Mary Beth Coates	Dr. James Haines	Dr. Ron S. Lappage	Dr. Umed S. Panu	Mr. Grant D. Stephenson
Dr. W.R. Allaway	Ms Sharon Cole	Ms Deana Halonen	Dr. Norman LaVoie	Dr. V. V. Paranjape	Dr. M. Darlene Steven
Mr. Fred Anderson	Dr. Dianne L. Common	Mr. A. (Bert) Harding	Mr. Peter Levis	Dr. William H. Parker	Dr. J. D. Stewart
Mr. Frederick J. Anderson	Mr. David Corbett	Ms Frances Harding	Dr. Claude G. Liman	Mr. David B. Parsons	Ms Jessie Sutherland
Ms Heather Anderson	Mrs. Linda Cordoni	Ms Lorraine F. Harris	Dr. J. G. Locker	Dr. Murray N. Patterson	Dr. Robert Sweet
Ms Margaret M. Anderson	Mrs. Maria Costanzo	Mrs. Connie Hartviksen	Mrs. Cynthia H. Loos	Mr. Pentti A. Paularinne	Mr. George Takahashi
Mr. Don Andrews	Ms Mary C. Courtland	Mr. Ken R. Hartviksen	Dr. Brian J. Lorch	Mrs. Janice Pellizzari	Dr. M. Jane Taylor
Dr. James T. Angus	Mrs. Jo-Ann Crichlow	Dr. Minoru Hasegawa	Mr. Frank Luckai	Mr. Lou Pero	Ms Sharon E. Taylor
Dr. Robert W. Archibald	Dr. Jane E. Crossman	Mr. Gerry M. Hashiguchi	Mrs. Nancy J. Luckai	Dr. S. Penny Petrone	Ms Janice C. Thatcher
Mr. Jim Arnot	Mrs. Joan M. Crowe	Mrs. P. Lynn Hauta	Ms Andrea G. Lundy	Dr. Brian A. Phillips	Dr. Douglas J. Thom
Mr. Donald J. Auger	Dr. Walter R. Crowe	Dr. M. H. Hawton	Dr. Jeanette L. Lynes	Mrs. Linda Phillips	Dr. Tony Thompson
Mrs. Eleanora Bailey	Mr. Daniel F. Crozier	Dr. G. Hazenberg	Dr. Alastair Macdonald	Mr. Robert N. Pickard	Dr. Lisle A. Thomson
Ms Cheryl M. Balacko	Mr. Ian T. Cull	Dr. William G. Heath	Dr. Richard MacGillivray	Mr. James Podd	Mr. Carl Thorsteinson
Mrs. Diane Ball	Dr. Harold G. Cumming	Mr. Peter E. Higgleke	Ms Judith K. Mackie	Mrs. Karen J. Poole	Mrs. Susan F. Trevisan
Mrs. Barbara Barber	Mr. Pat Cybulski	Ms Joy Himmelman	Ms Margaret F. MacLean	Ms Debra D. Poulin	Dr. Peggy Tripp-Knowles
Mr. Lynn A. Barber	Mr. Kurt Dahl	Dr. F. M. Holmes	Dr. Peter F. Mah	Mr. Fred Poulter	Ms Catherine D. Trojan
Mrs. Barbara L. Barnes	Dr. Emil J. David	Mrs. Susan L. Horsfall	Dr. Lada Malek	Dr. Yves Prevost	Mr. Walter Trutenko, Jr.
Mrs. Dale Barnes	Mrs. Kimberly T. Day	Mrs. Jennifer D. Howie	Dr. Azim Mallik	Mrs. Kim K. Price	Dr. Seimer H. Tsang
Mr. Donald M. Barnes	Mr. Jose deCangas	Dr. Wendy Huang	Dr. Abdool-Hack Mamoojee	Dr. Reino E. Pulkki	Mr. Michael W. Turek
Mrs. Elizabeth A. Bartonek	Mrs. Anne E. Deighton	Dr. Alan N. Hughes	Mrs. Tracey E. Marks	Mr. Peter H. Puna	Mr. Gilbert W. Vanson
Mr. J. David Bates	Dr. Roger Delaney	Mr. D. Gwyn Hughes	Dr. Richard Maundrell	Dr. V. R. Puttagunta	Mrs. Linda A. Veinot
Dr. Anthony Bauer	Dr. Alice den-Otter	Mr. Ray Hurd	Mr. Ralph F. Mauro	Dr. James A. Pylypiw	Dr. Gerry Vervoort
Mr. Crandall Benson	Dr. Livio Di Matteo	Ms Rebecca Hurley	Dr. Stephen McBride	Dr. J. D. Rabb	Mrs. Patricia Vervoort
Mr. Maurice W. Benson	Ms Elizabeth C. Diem	Ms Betty Hygaard	Dr. Lorne S. McDougall	Mr. Ain Raitsakas	Mrs. Susan Viitala
Mrs. Judy Bertrand	Mr. Peter Dika	Mr. Robert M. Isotalo	Mr. Andy McFall	Dr. Mani Rappon	Ms Pamela Wakewich
Mrs. Elizabeth A. Berube	Ms Catharine E. Doig	Ms Lada H. Iwasakiw	Mr. Fred McIntosh	Dr. Harun Rasid	Mr. E. G. Walsh
Mr. Kailash C. Bhatia	Mr. Jack Drewes	Dr. John L. Jamieson	Dr. Roderick W. McLeod	Mr. Donald J. Richardson	Dr. Raija Warkentin
Mr. C. Ralph Birston	Dr. Paul Driben	Mr. Edward H. Janssens	Mr. Brian R. McMillan	Dr. J. Michael Richardson	Dr. John Warren
Mrs. Karen D. Bishop	Mr. Daniel R. Duckert	Dr. Chris Jecchinis	Mr. Dennis H. McPherson	Dr. R. Charles S. Ripley	Mr. Don W. Watson
Mr. L. Dale Black	Ms Kimberly T. Duffy	Dr. C. D. Johnson	Dr. William Melnyk	Mr. Dennis R. Roddy	Dr. Paul Watts
Ms Rita Blais	Dr. Peter Duinker	Dr. M. E. Johnston	Ms Karen Merkley	Dr. Robert Rosehart	Mrs. Dolores E. Wawia
Mrs. Shirley A. Boneca	Dr. Tom Dunk	Mr. Stuart W. Julius	Dr. George Merrill	Dr. L. Keith Roy	Dr. Dan Weeks
Mr. John Bonofiglio	Mrs. Sandy Dunning	Mr. Benjamin J. Kaminski	Ms Diane Michieli	Dr. Raul E. Ruiperez	Dr. Geoffrey Weller
Mrs. Wendy Bons	Mrs. Erica L. Dzuba	Mr. James L. Kantor	Dr. Kathleen M. Minor	Mr. John C. Russell	Mr. Robert G. Welsh
Mr. Norman C. Bonsor	Dr. William Eames	Mrs. Iris Karam	Mr. G. Mitchell	Mr. Peter J. Rutherford	Mr. H. Westbrook
Ms Margaret I. Boone	Dr. Said M. Easa	Dr. A. J. Kayll	Dr. R.H. Mitchell	Dr. J.P. Ryder	Ms Geraldine S. White
Dr. G. J. Borradaile	Mrs. Julie A. Elliott	Dr. Werden Keeler	Dr. W. T. Momot	Ms Gabriella E. Sacchetti	Dr. John Whitfield
Mrs. Phyllis Bosnick	Mr. Harry Elmslie	Mr. William D. Keeler	Mrs. LaRea Moody	Dr. Henry T. Saliba	Mrs. Bonny Wigmore
Dr. Alan Bowd	Dr. Geoffrey Engholm	Dr. John H. Kelleher	Mr. Brian J. Moore	Dr. Pradip Sarbadhikari	Mrs. Heather Williams
Mrs. Mary Boyer	Dr. A. E. Epp	Mrs. Mary Lou Kelley	Mr. Bill K. Morgan	Dr. K. Paul Satinder	Mrs. Karen L. Williams
Mr. Bill Bragnalo	Dr. Rob E. Farmer	Dr. David Kemp	Ms A. Michel Morton	Ms Gisella C. Scalese	Mrs. Leona Wilson
Mrs. Aline Bresele	Mrs. Ruby V. Farrell	Miss Susan E. Kemp	Mrs. Marion Muldoon	Dr. Vincent L. Schonberger	Mrs. Lyette Y. Wirtz
Mr. Glen C. Broman	Dr. Kim M. Feddersen	Dr. Beverley K. Kent	Dr. Gary Munro	Dr. G. Schroeter	Mrs. Gwen Wojda
Mr. Kenneth Brown	Ms Maria Fine	Dr. Clement F. Kent	Dr. Gary Murchison	Dr. Alexander Sedov	Ms Louise I. Wuorinen
Ms Denise A. Bruley	Dr. Joyce Forbes	Mr. Peter S. Kerr	Mr. Alain Nabarra	Mrs. Joan L. Seeley	Ms Darlene L. Yahn
Mr. Tony Cappello	Ms Margaret E. Forbes	Dr. Muzibul H. Khan	Mr. Shiv Naimpally	Dr. E. C. Setliff	Dr. Kung-Chi Yang
Dr. Aris Carastathis	Dr. Richard Freitag	Ms Ti King	Dr. John Naysmith	Mr. Lyn F. Sevean	Dr. Julie Zhou
Dr. Willard H. Carmean	Mrs. Mariann Frigeri	Dr. Stephen D. Kinrade	Dr. R. W. Nelsen	Mrs. Vivian Sharp	Dr. Ernst R. Zimmermann
Dr. Donald Carpenter	Mr. John F. Futhey	Ms Rhonda R. Kirk-Gardner	Mrs. Brenda Nelson	Ms Katherine M. Shedden	Dr. Siegfried Zingel
Dr. Glen B. Carruthers	Mr. Laurie J. Garred	Dr. Stephen A. Kissin	Dr. Connie Nelson	Ms Jo-Anne Silverman	Mr. Rob Zuback
Mr. David Challen	Ms Kathleen Gazey	Dr. Daniel Klassen	Mr. Ron Nelson	Mr. Helen Smith	
Ms Madge Chan	Dr. James H. Gellert	Mr. Manfred G. Klein	Mr. Stan Nemec	Mr. V. C. Smith	
Dr. Anita Beltran Chen	Ms Joan Gerow	Mrs. Anne A. Klymenko	Ms Norma Jean Newbold	Dr. James E. P. Smithers	
Dr. Min-sun Chen	Mrs. Valerie J. Gibbons	Ms Sarena Knapik	Dr. Ian Newhouse	Mrs. Cindy Soldan	
Ms Vonnie K. Cheng	Ms Norma Gibson	Ms Glenna C. Knutson	Dr. I. Nirdosh	Dr. Thomas M. Song	
Mr. Patrick A. Cholin	Dr. A. G. Gillies	Dr. George A. Kondor	Dr. David A. Nock	Mr. Ron Spina	
Ms Ina Chomyshyn	Ms Arlene Glavish	Dr. Barbara Kronberg	Mr. Henry E. North	Ms Donna St. James	
Mr. J. D. Christie	Mr. Richard J. Glew	Mr. Maurice A. Kytort	Mr. J. O'Meara	Dr. J. D. Stafford	
Mr. Jack P. Christy	Mr. Michael J. Gluck	Mrs. Dawn Kucher	Dr. Martin Oosterveld	Ms Stefanie D. Stangier	
Mr. Chris Clark	Dr. S.R. Goldstein		Dr. Donald E. Orr		
	Ms Sarah A. Gooding		Dr. Anne Osborn-		

Share
OUR NORTHERN VISION

Every effort has been made to ensure the accuracy of our donor list. We apologize for any errors or omissions.

LAKEHEAD UNIVERSITY THANKS OUR DONORS

Superior Council

\$250,000+

Canadian Suomi Foundation
Lakehead University Alumni
Lakehead University Board of
Governors, Faculty and Staff
Lakehead University Students
Ontario Energy Corp.
Ontario Hydro
The Senator Norman M. Paterson
Foundation
The Rockefeller Foundation
The Society of Management
Accountants of Ontario

Governors' Circle

\$100,000 - \$249,999

William H. Buset
Corporation of the City of Thunder
Bay
Evelyn B. Halliday
William Merz
Ontario Forest Industry Association
Ronald A. Ristimäki
Royal Bank of Canada
TransCanada PipeLines
R. H. Webster Foundation

Senators' Circle

\$50,000 - \$99,999

Air Canada
Avenor Inc.
Bank of Montreal
J. P. Bickell Foundation
J. Armand Bombardier Foundation
CIBC
Canadian Pacific Limited
DuPont Canada Inc.
General Electric Foundation
IMASCO Limited
John L. Labatt Foundation
Max Bell Foundation
Museum Placement Services
Rainy River Forest Products
Rotary Club of Fort William
SME
Estate of Margaret Elizabeth Tapp
Morris Zaslow

University Club

\$10,000 - \$49,999

3M Canada Inc.
Abitibi-Price Inc.
John Andrews Foundation
John and Annette Augustine
Frederick Balina
Bank Of Montreal
Bank of Nova Scotia
Barrick Gold Corporation
Boise Cascade Canada Ltd.
Bombardier Inc.
Bruno's Contracting (Thunder Bay)
Ltd.
Cambridge Shopping Centre
Canada Life Assurance Company
Canada Malting Company Limited
Canada Safeway Limited

Canada Trust Company
Canadian Foundation for Aids Research
Canadian National Railway
Centra Gas Ontario Inc.
Min-sun and Anita B. Chen
The Chronicle-Journal
Clara Industrial Services
Confederation College
Consumers Gas Company Ltd.
Dascon Investments Ltd.
Domtar Inc.
Eckhardt-Gramatte Foundation
Ernst & Young
Estate of Alan T. Kirk
Estate of Aune Maria Lahti
Estate of Gloria Legrow
Estate of Bridget Morton
Estate of M. H. Trumbull
Fort City Kinsmen Club
Graham, Bacon, Welter Architects &
Consulting Engineers
Great-West Life Assurance Company
The Harold Crabtree Foundation
Hemlo Gold Mines Inc.
Hewlett-Packard (Canada)
Imperial Oil Limited
Inco Limited
Intercity Orthopaedic & Sports
Medicine
The Investors Group
Iron Range Bus Lines Inc.
Nora Jenkins
KPMG Educational Foundation
Lakehead University Faculty
Association
Lakehead University Engineering
Students
Lakehead University Foundation
Lakehead University Student Union
Lafarge Canada Inc.
London Life Insurance Company
Lovat Tunnel Equipment Inc.
Manulife Financial
George J. Merrill
Minhal Holdings Ltd.
A. L. Musselman
Paul Mzyk
John and Jean-Etoile R. Naysmith
Nesbitt Burns
North American Life Assurance
Ontario Hydro
Ontario Professional Engineers
George W. Ozburn
PEAK Performance Tech.
Petro-Canada Inc.
Placer Dome Inc.
Polish Combatants Branch #219
Powell Equipment Limited
RBC Dominion Securities
Richardson Century Fund
Ronald P. Frye & Company
SNC•LAVALIN Inc.
Sceptre Investment Counsel
ScotiaMcLeod Inc.
Sears Canada Inc.
Hilda E. Simmons
The Simons Foundation
John (Jack) E. Stokes

SunLife of Canada
Suncor Inc.
Thunder Bay Harbour Commission
Thunder Bay Foundation
Thunder Bay Hydro
Tom Jones Corporation
William and Pauline Tomlinson
Toronto-Dominion Bank
VS Services Limited
Visual Engineering
The Bernard Weiler Family
Weiler, Maloney, Nelson
Weldland Steel Ltd.
William and Mary West
Arn & Margaret Westlake

Amethyst Circle

\$5,000 - \$9,999

Alzheimer Society of Thunder Bay
Bruce E. Aris
Atkinson Charitable Foundation
Avenor Inc.
BDO Dunwoody
Beatrice Foods Inc.
Gerald Bidwell
Mary Bjorklund
Campbell Soup Company Ltd.
Canadian Geological Foundation
Canadian Shield Foundation
Cheadle Johnson Shanks MacIvor
Coastal Steel Construction
The Coates Family
Construction Forming Systems Inc.
V. B. Cook Limited Consulting
Engineers
Cross Country Canada
Dominion Group Foundation
Dominion Motors Limited
LU English Studies
Equipment World Inc.
Everest of Thunder Bay
Fortune Financial Corp.
LU Geography Dept.
Steve S. Hessian
Hudson's Bay Company
Interprovincial Pipe Lines
Benjamin J. Kaminski
Evelyn G. Kertland
The Laskin Foundation Inc.
Ronald B. Lester
Margaret MacLean
MacLean Hunter Limited
LU Mathematical Sciences Dept.
McClelland & Stewart Inc.
Muriel McCutcheon
The McLean Foundation
William Melnyk
William M. Mercer Ltd.
The Vince Mirabelli Family
S.A. Mirza
Frank and Cathy Mitchell
R.H. Mitchell & Valerie Dennison
Molson Companies
W. T. Momot
George and Mary Morrison
Mutual Life Assurance Company
NWO Chartered Accountants
National Transportation Week

Connie Nelson
Inderjit and Usha Nirdosh
Nor-Shore Ready Mix Concrete
Products Limited
The North West Company
Mary O'Rourke
Bertha V. Oja
Ontario Professional Foresters
Foundation
Ontario Hydro
Port Arthur General Hospital &
St. Joseph's Hospital Staff
Physicians
Ronald B. N. Palinka
The Alfred Petrone Family
S. Penny Petrone
C. C. Poulin Equipment Limited
The Fred L. Poulter Family
Proctor & Redfern Limited
Provenzano Group of Companies
V. R. & Krishna Puttagunta
Lyla Rathbone
Miriam L. Rideout
Rio Algom Limited
Robert G. Rosehart
Rotary Club of Thunder Bay
(Port Arthur Chapter)
Royal LePage Charitable
Foundation
Royal Trust
Jobbitt, Stead, Halabisky, Karlstedt
Jo-Anne Silverman
E. Lorne Smith
Victor C. Smith
LU Sociology Dept.
LU Social Work Dept.
Thunder Bay Children's Services
Thunder Bay Chinese-Canadian
Association
Thunder Bay Medical Society
Thunder Bay Wins
Hazel Campbell Tomlinson
TransCanada PipeLines
Seimer H.L. Tsang
Victoria Inn
Westfort Kiwanis
White Pine Electric Ltd.
Lois and Roy Wilson
Xerox Inc.
James D. Young
Ernst Zimmermann
Zurich Canada

This listing is up to October 31, 1996

Share
OUR NORTHERN VISION

Share Our Northern Vision
Lakehead University
Development Office
955 Oliver Road
Thunder Bay, Ontario
Phone: (807) 343-8000

Visiting Scholars pursue issues in Native Philosophy

by Lorraine Brundige

DR. JIM CHENEY

Language and the Ceremonial World

Dr. Jim Cheney, from the University of Wisconsin, became interested in First Nation's philosophies as a result of his environmental research. He now considers First Nation's philosophy as it pertains to "questions of ethical and epistemological relationships to nature" his primary interest.

Cheney claims that Native philosophies "offer significant challenges to prevailing concepts in mainstream environmental ethics." To date Cheney's work has been largely theoretical and when questioned about his research he laughed and said, "It's changed since I came here." The change came about as a result of bringing his work into "the real world." His interest is two-fold. He adds that "the usual way of doing environmental ethics fails...the Western ethical framework doesn't work." He is searching for new ways to think about environmental ethics. He believes, however, that certain ideas in Western philosophy which run counter to mainstream ethical theory may have possibilities in that they resonate with the ideas he knows about in Native philosophy.

Cheney's second interest stems, in part, from the notion that there are alternative ways to intelligently engage the world. The way Native people have done it is in practice; it is embedded in their life, their language. Cheney proposes what he calls a 'ceremonial world.' He went from thinking of language as encoding beliefs representing the world as it "really is" to thinking of language as primarily performative. We *do* things with words, and these actions have real consequences. According to Cheney, when you look at this body of language, instead of seeing it as a claim about the way the world is (a statement about what's true), see it as creating a sort of ceremonial space within which one lives and acts. Now whether you accept or reject this body of language has more to do with the practical consequences of adopting it than with whether it pictures the world as it exists independently of human interaction with it. Language, he thinks, is a mode of interaction within a living and co-responding world.



In the fall Lakehead University welcomed four visiting scholars participating in the Native Philosophy Project, a program funded by The Rockefeller Foundation.

The work of three scholars, Dr. Michael Pomedli (left), Dr. Viola Cordova (centre) and Dr. Jim Cheney (right) is featured below in an article by Lorraine Brundige.

The work of a fourth scholar, Dr. Ryan Parr, will be featured in an upcoming issue.

DR. VIOLA CORDOVA

Examining the Examiners

Those having had the privilege of meeting and talking to Dr. Viola Cordova know her to be a highly analytical philosopher devoted to the topic of the philosophy of Indigenous peoples of North America.

Cordova's research is focused in two areas. Her primary focus is to discover new methods for doing Native American philosophy. Of interest to Cordova are the means by which to put across Native American thought. To date most research on Native people has resulted from the work of anthropologists and ethnographers with the implication that Native thought is something "archaic." Cordova, as a philosopher, is claiming that Native American thought is a valid thought form and not inferior to Western thought but rather another form of adapting to living on this planet. She concentrates this research to three areas: a search for context, inspired by Ludwig Wittgenstein; a search for a leitmotiv, inspired by F.M. Cornford; and an exploration

of language studies taken from the work of Benjamin Whorf. It is Cordova's claim that "through using the approaches of these three thinkers, as opposed to psychological, sociological, economic, or literary approaches, the study of Native American philosophy might prove more fruitful."

She is currently in the process of writing a series of essays dealing with questions such as 'What do we base our identity on' and 'What are our values.'

Cordova claims that her second research interest is "somewhat controversial" in that it concerns the analysis of "Western" thought by a non-Western person. As in her primary research, Cordova relies on the approaches of Wittgenstein, Whorf and Cornford adding as well the work of José Ortega y Gasset. Cordova questions whether topics such as "historical sequence, the idea of progress, and even the notion of something so simple as a notion of "man-kind" can be questioned by someone out-

...continued on page 8

side the Western conceptual framework." She also questions the 'foundations of a Western conceptual framework'. If you ask what she is doing, Cordova will laugh and say "I'm examining the examiners."

DR. MICHAEL POMEDLI

Native Logic, Gift-Giving, and Critical Analysis

Dr. Michael M. Pomedli, from St. Thomas More College, University of Saskatchewan, is a philosopher committed to the study of Native philosophy. Pomedli was the first to introduce a course in Native Philosophy to the University of Saskatchewan in 1995. Believing himself to be alone in this unique endeavour, Pomedli was excited to receive a call from Dr. Douglas Rabb, a professor in Lakehead's Philosophy Department and a co-director of the Native Philosophy Project.

Pomedli has identified five objectives which are keeping him quite busy these days. The first he called practical vs. theoretical. He laughed as he related that some people think he is in need of practical experience with Native people as opposed to theoretical. In spite of this misconception, Pomedli is currently working in the Native Philosophy Project to enrich the teaching of his classes.

A second objective stems from being invited to teach a Native Logic class in Saskatchewan. Pomedli is now engaged in researching this topic. This leads to his third objective which is the study of the Midewiwin signatories of Treaty Number Three and the influence of gift-giving in both the fur trade and treaty signing.

A fourth objective which Pomedli hopes to conclude while at Lakehead is a collaborative work with Sylvie Berbaum. Sylvie was a Rockefeller scholar last year. Pomedli is in the process of translating Sylvie's Doctoral Dissertation on the philosophy and music of contemporary Ojibwa powwows from French to English.

The fifth objective is the preparation of a course in Critical Analysis using the liberation philosophy of Enrique Dussel.

Lorraine Brundige is a student in the Master's program in Native and Canadian Philosophy. She is one of several students participating in a student writing program sponsored by The Chronicle-Journal called S.P.A.R.K. -- Lakehead.

FIRST CANADIAN TO CHAIR NATIONAL AMERICAN DIVISION

Dr. Said Easa (Civil Engineering) has assumed the chair of the Executive Committee of the Urban Transportation Division (UTD), American Society of Civil Engineers (ASCE), effective October 1, 1996. This is part of a four-year appointment (1994-98) as member, vice chair, chair, and past chair of the division. The UTD has about 13,000 affiliate members, and consists of 15 technical committees involving some 300 members. According to ASCE News, Easa is the first Canadian in the history of ASCE to chair its transportation division.

An active member of the society, Easa was the chair of the Division's Planning committee from 1991 to 1994 and was on the steering committee of the ASCE 1995 transportation congress. As vice chair of ExCom for the past year, he comes well equipped to provide positive direction for the Division during the coming year. The division is currently organizing a leadership conference to identify future directions and to discuss its merger with transportation-related divisions.

After earning his PhD from University of California at Berkeley in 1982, Easa worked with the Ontario Ministry of Transportation before joining Lakehead University, and provided consulting in California and Delaware. He has been involved in a wide range of research projects, including traffic operations, transportation planning, geometric design, surveying, and project management. A prolific author, he has completed some 100 refereed journal articles as well as about 90 conference papers and research reports. Easa served as chair and editor of the 1996 1st transportation specialty conference, held in Edmonton, Alberta, which was sponsored by the Canadian Society for Civil Engineering (CSCE). He also currently serves as chair of the CSCE Transportation Division.



Easa published the following journal papers: "Sight Distance Evaluation on Complex Highway Vertical Alignments." Canadian Journal of Civil Engineering, 1996, Vol. 23, No. 3 (Easa, Halim, and Hassan), "Reliability Model for Predicting Pavement Thermal Cracking." ASCE Transportation Engineering Journal, 1996, Vol. 122, No. 5 (Easa, Shalaby, and Halim), "Analytical

Model for Sight Distance Analysis on 3-D Highway Alignments." Transportation Research Record 1523, 1996 (Hassan, Easa and Halim), and "Thermal Stress and Fractural Analysis of Asphalt Overlays." Transportation Research Record 1539, 1996 (Shalaby, Halim, and Easa).

Easa attended the meeting of the steering committee of a specialty conference organized by the Urban Transportation Division, American Society of Civil Engineers, which was held in Indianapolis, Indiana, August 24, 1996. The conference, co-chaired by Easa and Don Samdahl of BRW, Inc. in Seattle, is entitled, "Transportation, Land Use, and Air Quality Planning: Making the Connection" and is planned to be held in Portland Oregon in 1998.

Dr. Laurie J. Garred (Chemical Engineering) presented a paper entitled "Two-pool urea kinetic modeling with a blood-side urea sensor" as part of minisymposium on "Two-pool urea kinetics: new approaches" at the 29th Annual American Society of Nephrology meeting in New Orleans, November 3-6, 1996. The study presented is part of an on-going project in collaboration with biosystems control engineers from the Italian National Research Council and nephrologists from Italy and France.

Garred has recently contributed a chapter to Critical Care Nephrology, a new state-of-the-art reference text for intensive care of patients in acute renal failure. The invited chapter is entitled "Biophysics of Intermittent Renal Replacement Therapy." Garred is a co-author on two additional chapters.

Garred gave guest lectures entitled "Urea kinetic modelling with on-line urea sensors" and "Long-term nutritional status of dialysis patients: Assessment by routine partial dialysate collection" during a two-day visit in Montreal in January as a visiting professor to the Nephrology Division at McGill University. In February, Garred was an invited speaker to the Second International Conference on Continuous Renal Replacement Therapies held in San Diego, California. The presentation was entitled "Urea kinetic modeling in continuous renal replacement therapies: Dose quantification." A paper based on the talk which will appear in a future issue of Kidney International, the journal of the International Society of Nephrology.

FREEDOM TO READ WEEK

February 24 to March 2, 1997

Did you know that all persons in Canada have a fundamental right to intellectual freedom as embodied in the nation's Charter of Rights and Freedoms? Did you also know that despite this right to intellectual freedom, every day books and magazines are banned at the border and removed from libraries and bookstores? This freedom to read is essential in a democratic society and as stated in the Canadian Library Association's Statement on Intellectual Freedom, "Libraries have a basic responsibility for the development and maintenance of intellectual freedom."

February 24 to March 2, 1997, marks the thirteenth annual observance of Freedom to Read Week. Freedom to Read Week is sponsored by Canada's book and magazine producers, distributors and readers to focus attention on the vital issues of intellectual freedom, censorship and the right and privilege to read.

The Chancellor Paterson Library, along with the Thunder Bay Public Library and the Challis Resource Centre (Confederation College Library), will launch Freedom to Read Week on Monday, February 24, 1997 in The Chancellor Paterson Library (Room LI-5002) at 10:30 a.m. Everyone is welcome to attend this launch.

The Chancellor Paterson Library is also co-sponsoring with The Thunder Bay Public Library and the Confederation College Library a prepared play reading of Tony Kushner's *Angels in America* by The Way, Way, off-Broadway Players. This reading will be presented at the Lecture Theatre, Confederation College on Wednesday, February 26 at 8 p.m. Admission is free.

If you are interested in more information on Freedom to Read Week contact Gisella Scalese at ext. 8147. Online information is also available at <http://www.cycor.ca/PWAC/freeweek.htm>. An updated on-line Chronicle of Freedom of Expression in Canada is available at <http://www.efc.ca/pages/chronicle/chronicle.html>.

Please join in the celebration of Freedom to Read Week!

Test your "Freedom to Read" Knowledge

1. About which novel did a Canadian Revenue minister once say: "I wouldn't want my daughter to read it?" What was curious about this statement?

2. What world-famous book did Canada Customs ban from Canada for 48 hours during Freedom to Read Week in 1989?

3. Who objected to a Canadian picture book being included in the public libraries in Sechelt, B.C., in February 1992? What was the reason for the objection and what was the title of the book?

4. In 1885, a newly published novel was banned from the library at Concord, Massachusetts, on the basis that it was rough, coarse and inelegant...more suited to the slums than intelligent, respectable people." What was its title?

5. "Is this a book you would give your wife or servant?" the prosecutor asked during the course of the English trial of a famous banned book in 1960. What was the book and what was the verdict?

6. Which two children's books were removed from London schools in the 1980s because its principal characters were said to be middle class?

7. Which famous comic-book character was said to be an "anti-Red rebel," and the books therefore banned in East Berlin in 1954?

8. From 1864 to 1959, one of the most celebrated of Victor Hugo's novels was placed on the Roman Catholic Church's Index Librorum. What is its title?

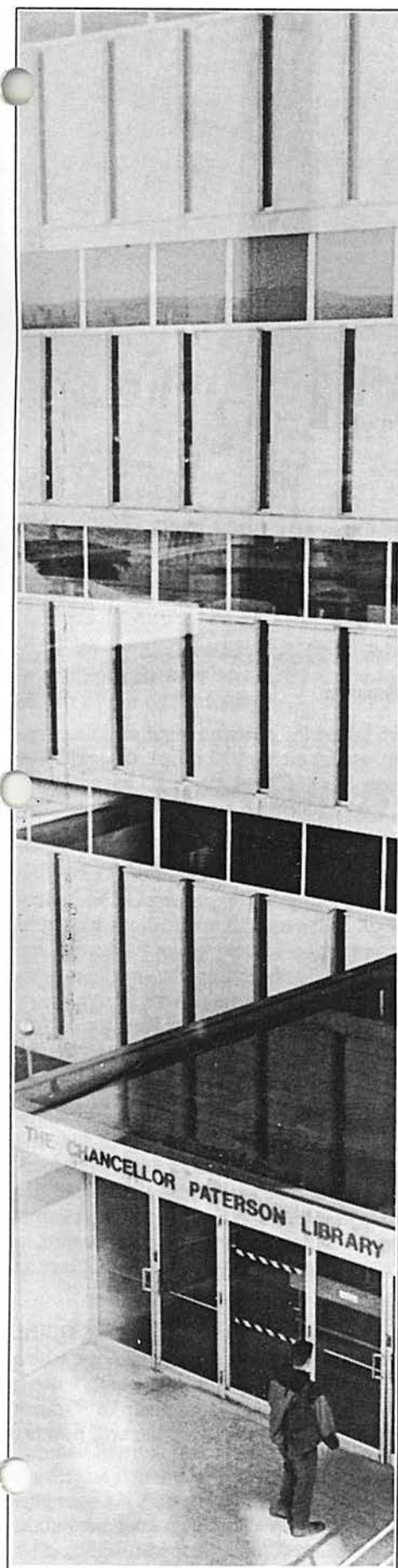
9. Canadian journalist Nick Pron is the author of a book that was banned by the St. Catharines Public Library Board in 1995 because it was said to be too traumatic for the community to deal with. What was the subject of the book?

10. What do the following authors have in common: John Dos Passos, Albert Einstein, Sigmund Freud, Ernest Hemingway, Jack London, Erich Maria Remarque, Upton Sinclair, and Leon Trotsky?

11. What books were threatened with being burned in the town of Manning, Alberta, in September of 1991?

12. In 1991, a black community group in Saint John, N.B., asked that this book be removed from school reading lists because it portrayed minorities in a negative light. What was its title?

(Answers are on page 11)



DATATEL DEMONSTRATION

In June, 1996, Lakehead University in conjunction with Trent and Laurentian purchased an integrated computer software package from Datatel that will serve to replace our existing financial, human resources, student and alumni/development information systems. Representatives from Datatel were on campus in January to "re-acquaint" Lakehead staff with the features of the financial software system. On March 4 and 5 they will be back to review the features of the student, human resources and alumni/development information systems. The Seminar will be held in the Senate Chambers. For more information contact Judy Mackie at ext. 8536.

Student System Presentation

Tuesday, March 4, 1997

9:00 a.m. to 5:00 p.m.

9:00 - 9:30

Introduction to the Colleague System

9:30 - 10:00

Colleague Executive Information System and other data query facilities

10:00 - 10:15 Break

10:15 - 11:15

Colleague Core: Demographics, Communications Management, Activities and Events, Scheduling, Facilities Profile

10:15 - 12:00

Enrollment Development: Recruitment, Admissions

12:00 - 1:00 Lunch

1:00 - 2:15

Instructional Management: Program Development, Curriculum and Faculty Management Processes

2:15 - 2:30 Break

2:30 - 4:00

Enrollment Management: Student Records, Registration, Grading, Transcripts, Academic Evaluation

4:00 - 4:15 Break

4:15 - 5:00

Accounts Receivable, Cash Receipts, Sponsored Billing

Alumni Development and Human Resources Presentation

Wednesday, March 5, 1997

9:00 a.m. to 2:15 p.m.

9:00 - 12:00 Alumni/Development:

Individual Information, Organizational Information, Gift and Pledge Processing, Campaign Management, Major Prospects

12:00 - 1:00 Lunch

1:00 - 2:15

Human Resources: Personnel, Benefits, Position



A change in the way student loan applications are processed in Ontario is affecting the staff at Lakehead's Financial Aid Office: (back row, left to right) Mariann Frigeri, Loretta Sheshequin, Penny Fuhman, Phyllis Bosnick, (front) Deanne Newman.

OSAP GOES "ONLINE"

by Andrew Monahan

The Lakehead Financial Aid Office has recently joined the growing trend of going "on-line." With the installation of a new IBM Image Workstation in the office, the staff have direct on-line access to information for all students on OSAP at Lakehead University via the Ministry of Education & Training (MET), Student Support Branch's computer system.

Under the old system, new OSAP applications and subsequent changes received by the Financial Aid Office were edited and forwarded to the Ministry for processing. Returning students submitted their applications directly to the Ministry. All applications were sent from the Thunder Bay office to a data processing centre in Toronto where the application was keypunched. Applications were then returned to Thunder Bay for imaging. Loan documents were received in the Financial Aid Office anywhere from three to five weeks after that. The entire process could take up to eight weeks depending on the time of year and there was always a span of time where the application was in never-never land -- no information could be obtained on the status.

Times have changed. According to Phyllis Bosnick, Lakehead's Financial Aid Administrator, now all applications will be keyed directly by the Financial Aid Office staff and within a few days, students will know what their OSAP entitlements are. Loan documents will be issued immediately after the processing and delivered to the Financial Aid Office within two to three weeks. Any corrections to information can be keyed immediately thus eliminating the lengthy processing time. "This is an obvious improvement in service for the students," says Bosnick, "and very important for retaining and attracting students."

Of course this new computer link-up is not a true panacea for the Financial Aid Office. The staff now has to handle the almost 3,000 OSAP applications in their entirety, which will increase the workload significantly and become a challenge during the high volume months of May through August. Bosnick is glad to have the part-time help of Deanne Newman, a former Ministry employee with experience on this system. She will be a big help in training the rest of the staff to use the new system.

A recent initiative by the Student Support Branch resulted in the cost of such a computer system dropping considerably. Not only had the price of the technology lowered, but the cost was split between the colleges and universities and the Student Support Branch. This was to encourage all Financial Aid Offices across the province to go on-line.

Making an Economic Case for Physical Activity

by Dr. Tony Bauer

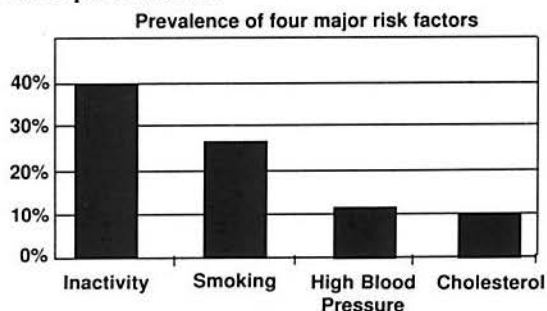
School of Kinesiology

Did you ever consider yourself a physically active Canadian? Chances are, if you are active for 30 minutes per day and your heart rate is maintained over 100 beats per minute during that time, then you are considered active. Going for a brisk walk every day could easily achieve these activity levels. Researchers are now finding that relatively low levels of raised activity combined with other lifestyle changes can significantly reduce your chances of life threatening disease.

Lifestyle patterns are changing for Canadians and we now recognize the positive health benefits of regular appropriate physical activity at all age levels. The Canadian Fitness and Lifestyle Research Institute and the Surgeon General Report reinforces today what researchers and academics have theorized for years. Fast paced lifestyles and changing trends provide constant challenges to minimize stress related disease and maintain physical activity as part of our daily routine.

With recent trends in down-sizing and ever tightening budgets, program deliverers need to know that physical activity is a cost effective strategy to improve public health. Heart disease is still the leading cause of death in our community. The four primary risk factors for coronary heart disease among Canadians are: high blood pressure, high blood cholesterol, cigarette smoking and physical inactivity.

The most prevalent factor is physical inactivity: 40% of Canadians are not regularly active (1988 Campbell Survey), 26% smoke cigarettes regularly (1991 General Social Survey), 11% have high blood pressure (1988 Campbell Survey), and about 10% may have high blood cholesterol. If we combine these Prevalency Factors (see graph) with a measure of Relative Risk of Disease (see chart), inactivity again rates as the number one potential cause of disease and threat to public health.



Substantial evidence also exists that regular physical activity increases life expectancy by as much as two years. Moreover, discounted lifetime costs of physical activity (medical care and sick leave, lost revenues such as taxes on earnings) could save an average of \$2,570 per person. Lifetime estimated costs awarded could amount to \$24.3 billion, if inactive Canadians become active, and \$7.7 billion, if smokers quit.

Risk Factor		Prevalence (%)	Relative risk	Public health risk (%)
Low versus high fitness quintile Sedentary (<1000 kcal)	Men	20	3.4	32.4
	Women	20	4.7	42.5
		45	1.40	15.3
Cigarette smoking		26	1.76	16.5
High cholesterol	Men	7	2.2	7.7
	Women	9	2.7	13.3
Hypertension (systolic $\geq$ 140 mmHg)		11	1.73	7.4

During the years 1981 to 1991, 8% of Canadians over age 15 became active (1981 Canada Fitness Survey, 1991 Social Survey). This progress is estimated to have saved Canadians \$4.4 billion in health care costs as a result of increased physical activity. The question is, how do we continue the process and convince Canadians that inactivity is life threatening? University programs play the lead role in fitness and lifestyle research and in fact should set the standard for future trends in health prevention. As leading educational institutions, we directly influence the activity levels of our students and staff through the provision of effective teaching programs and state of the art facilities.

Ref: The Research File 95-031. Canadian Fitness and Lifestyles

Answers to the "Freedom to Read" Quiz

1. Norman Mailer's anti-war novel, *The Naked and the Dead*, which was refused entry into Canada in 1949, after it had been on the best-seller list in this country for 10 months. Dr. J.J. McCann, the Canadian Revenue Minister, did not have a daughter.
2. Salman Rushdie's *The Satanic Verses*.
3. The local business agent for the International Woodworkers of America objected to the book, *Maxine's Tree*, because of its anti-clearcut-logging message.
4. *Huckleberry Finn*.
5. *Lady Chatterley's Lover* by D.H. Lawrence. The trial concluded with Penguin Books being allowed to publish the book in England for the first time.
6. Beatrix Potter's *The Tale of Peter Rabbit* and *Benjamin Bunny* were banned by the London County Council because the stories portrayed only "middle class rabbits."
7. Mickey Mouse.
8. *Les Misérables*.
9. The Paul Bernardo/Karla Homolka murder case.
10. Their books were all burned in a series of massive bonfires in Nazi Germany in 1933.
11. The Canadian-authored language arts series for Grades 1 to 6 entitled *Impressions*.
12. *To Kill a Mockingbird* by Harper Lee.

BIOLOGY & FORESTRY SEMINARS

Monday, February 24 4:00 PM
Forestry Consultants Herb Bax and Chris Weddeles will speak on "Forest Auditing"

Location: RB 3046

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

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

Monday, March 10, 1997 4:00 PM
Dr. A. James Kayll; Faculty of Forestry. "Is Canada Burning." Location: TBA

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

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

Monday, March 24, 1997 4:00 PM
Dr. Len Meyer; Faculty of Forestry. "Soils trip through Ghana." Location: TBA

The School of Outdoor Recreation, Parks & Tourism is sponsoring a public lecture by **David McBurney** Marine Affairs Coordinator for Parks Canada who will be speaking on "The National Marine Conservation Areas Act" 7:30 p.m. February 25, 1997 in Room 1001 of the Regional Centre

Department of Music LUMINA CONCERT SERIES

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

February 26
André Leplante, piano
St. Paul's United Church 8:00 p.m.
Tickets: \$15 regular, \$5 student/senior
March 4
Kubica-Van Berkel Guitar Duo
Tickets: \$7 regular, \$5 student/senior
March 18
MuSiC in Common
Heather Morrison, piano
Peter Shackleton, clarinet
Derek Conrod, horn

ALUMNI ASSOCIATION EVENTS

Alumni Curling Bonspiel

Mark your calendars to attend the Alumni Bonspiel on Friday, March 14, 1997 from 6-10 p.m. at the Port Arthur Curling Club. Tickets are \$30/person \$120/team which includes a Chinese buffet dinner. Register before March 7 by calling 343-8155.

The Night of the Iguana

Cambrian Players will present this play by Tennessee Williams at 8:00 p.m. in the Bora Laskin Auditorium on March 13, 14, 15, 19, 20, 21, and 22. Tickets are \$8 and can be purchased on campus at the Office of Alumni Services, LUSU, Switchboard and the LU Bookstore
March 12 - Preview \$3
March 13 - Alumni Night
March 14 - Rotary Night
March 19 - Students \$6
Proceeds are for New Cambrian Player Equipment and LU-OSOTF

The 1997 Morris Lecture

The Department of Philosophy and the Dean's Committee on Religious Studies through the William S. Morris Memorial Fund present
Dr. Michael Pomedli
Professor of Philosophy, St. Thomas More College, University of Saskatchewan and Rockefeller Foundation Visiting Fellow, Native Philosophy Project

"Giftgiving in Native and Christian Traditions:
Why is it better to give than to receive?"

Thursday, March 20, 1997
8:00 p.m.
Braun Building Room 1075

Everyone Welcome. No charge

The Agora is published on the 15th of every month.
We encourage you to send in your news. Deadline for March issue is Monday, March 3, 1997.



DONORS' RECEPTION

March 20, 1997

4:30 p.m. to 6:30p.m.

in the

Faculty Lounge

Agora

February 1997

Vol. 14, No. 2

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

Director of Student Services and Community Relations:
Joy Himmelman
Publications Officer:
Frances Harding
Communications/Special Events Officer: Denise Bruley
Administrative Assistant:
Betty Hygaard
Photography:
Peter Puna and Staff
Graphics:
Ben Kaminski & Nicole Sutherland
Printing: LU Print Shop

Submissions of interest to the University community are welcome. Send them to:

Editor, Agora
Lakehead University
955 Oliver Road
Thunder Bay, Ontario
P7B 5E1
Telephone: (807) 343-8193
Fax: (807) 343-8999
E-mail:
frances.harding@lakeheadu.ca

MAIL POSTE
Canada Post Corporation / Société canadienne des postes
Postage paid
Lettermail
Poste-lettres

219