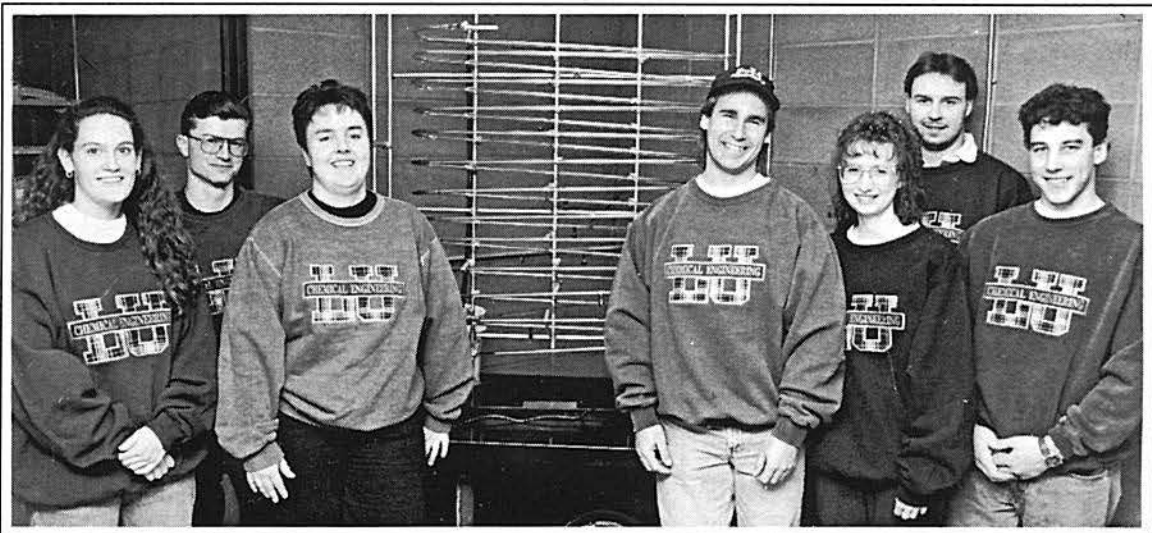




Agora

Thunder Bay, Ontario, Canada
September 1995, Vol. 12, No. 6

A NEWSLETTER FOR LAKEHEAD UNIVERSITY STAFF & FACULTY



Lakehead's Student Chapter of the Canadian Society for Chemical Engineering was chosen by the CSChE to receive a national merit award for their outstanding achievements last year. Above (left to right) are members of the 1994-95 Executive: Michelle McGowen, Dan Robinson, Ingrid Thompson, Paul Backman, Jennifer Reszityk (President), Dave Majjala and Kris Heale.

Changes to the Registration process reflect a Student-Centred Approach

While lineups have not been eliminated, the whole process of registration should have been easier for the most important people involved: the students.

Changes made include increasing the number of staff in Finance to help OSAP students, registering 4th year before 3rd year before 2nd year, better information, better orientation coordination, printing course restrictions and prerequisites on the timetable and printing personal timetables for students.

Changes were implemented through a re-engineering team made up of staff from eight different University departments. "All of the changes they made were ones that could be done with existing computer technology," says Don Watson, Director of Re-engineering.

Eventually Lakehead's software will have to be replaced, but in the meantime significant improvements are being made -- not the least of which is the focus on student needs brought about by re-engineering.

The levers that have permitted these improvements include policy changes, procedural changes, software modifications and \$5,000 from the Vice-President Academic says Watson. But in the end, it will be the students who will say whether or not the team has been successful.

After seven consecutive years of record enrolment peaking at 6,045 full-time students and 1,806 part-time students on November 1, 1994, Lakehead University is projecting a decrease of approximately 3 percent in full-time enrolment for 1995-96. The decline is primarily due to a decline in the size of the applicant pool (2,584 applicants) and perhaps the increase in tuition fees in the current year.

A number of the University's programs including Social Work, Business, Education, Outdoor Recreation, and Kinesiology are at capacity. The University is continuing to accept and process applications to a number of programs including Arts, Science, Nursing, and Engineering until September 20.

Continued on page 4

INSIDE

Two new Deans appointed -- Dr. David Euler, Dean of the Faculty of Forestry, and Dr. Bahram Dadgostar, Dean of the Faculty of Business Administration
Story on Page 9



*by Dr. Robert Rosehart
President
Lakehead University*

ENROLMENT '95

Students are still registering and, so far, it looks as if our enrolment will be close to our projection -- down somewhat in first year from last year's record high -- but overall, close to last year's level of 6,000 students. The major factor in reduced Year 1 intake seems to be the result of two of the larger southern Ontario universities increasing their first-year intake by over 2,000 students in a high school student population that is close to constant. Some no-shows in upper-year are potentially due to the improved job market on the one hand as well as consumer resistance to the recent tuition fee increase of 10 percent.

SUMMER GOVERNMENT FUNDING REDUCTION

In mid-summer, the Ontario Government reduced our in-year funding by 1 percent. In total, we had to reduce our 1995-96 (current year) budget by \$493,000 and thanks to the co-operation and mostly voluntary initiatives of the budget managers, this was accomplished.

FURTHER GOVERNMENT RESTRAINT

It is no secret that the Ontario Government plans to announce, this fall, significant reductions in the transfer payments to universities (colleges, etc.). While it is too early to predict accurately the levels, it appears as if they will be significant (of the order of 15 percent) and swift. The potential exists that all the funding will be pulled in the 1996-97 year (still some possibility of a two-year phased approach). I need not tell you that this will be tough.

Our options are being explored and will be available for consultation later this fall as the 1996-97 budget guidelines are being prepared. It is clear that, in whatever options or series of options we choose, we must maintain our maximum student enrolment.

A further anticipated government action is the partial deregulation of tuition fees. This is a complex issue and it will be interesting to see if, in fact, the government actually follows through in substantive form. Current governments exert a fair amount of control over the politically sensitive tuition fees and this would be all or partially lost with deregulation. As well, any major unregulated increases could have a dramatic impact on the Ontario Student Assistance Program (OSAP). I anticipate that for 1996-97, fee increases will be modest which will place even more budget pressure on the universities.

RE-ENGINEERING PROGRESS

Work continues on the assessment of a new integrated software package that would see an integrated student records/financial management data base. This technology, which is client-server based, would offer greatly enhanced academic and financial information exchange among and between various University users. It is hoped that a decision to proceed can be made by December and, if the decision is a go, implementation will commence as early as May of 1996. The successful implementation of this system over 18 months would bring to a conclusion the work of the Re-Engineering Group in its present form.

WHAT'S NEW?

More Ontario Scholars at LU

Our percentage of Ontario Scholars in the first-year class further increased last year to 24.3 percent. The range of the 17 Ontario institutions is 77.8 percent (Queen's) to 13.7 percent (Laurentian).

Kit Minor Leaves Lakehead University

Kit Minor has left her position in Social Work to become a community social worker in the Northwest Territories. Kit has had a long-term interest in the far north and will have a major responsibility in her community. Kit intends to keep involved with Lakehead University through research initiatives and will return as a Visiting Professor in the future.

Special Recognition to OGS Selected Board Members

Each year, the Ontario Graduate Studies Selection Board process works because of the volunteer efforts of faculty at the Ontario universities. Lakehead University is particularly fortunate to have a good representation on the OGS panels. On behalf of Lakehead University and the OGS process, I would like to recognize and thank the following for their efforts:

Humanities Division

Selection Panel Chairs

♦Dr. Frederick Holmes, English

Selection Panel Members

♦Dr. Patricia Jason, History

Social Sciences Division

Selection Panel Chairs

♦Dr. Josephine Tan, Psychology

Selection Panel Members

♦Dr. Thomas Dunk, Sociology & Northern Studies

♦Dr. C. Netley, Psychology

♦Dr. Ian Newhouse, Physical Education

♦Dr. Juanita Ross Epp, Education

... continued on page 3

Biological Sciences Division

Selection Panel Members

◆Dr. Yves Prévost, Forestry

Physical Sciences Division

Selection Panel Members

◆Dr. William Allaway, Mathematics

◆Dr. Werden Keeler, Physics

◆Dr. Stephen Kissin, Geology

◆Dr. G. Douglas Martin, Chemistry

CONGRATULATIONS

Congratulations to Dr. I. Nirdosh and the Chemical Engineering Student Chapter for winning First Prize in the 1995 competition for the CSCHE Student Chapter's Merit Award. The Award will be presented at the Annual Conference in Quebec City on October 16, 1995.

CAMPUS WATCH PROGRAM

Do you know what the Campus Watch Program is? If not, please find out. We must all work together to promote safety and awareness.

SHARE OUR NORTHERN VISION UPDATE

As of August, 1995, the Campaign is at 98.3 percent of total objective. ■

PATRICIA CALLAGHAN LUSU RECEPTIONIST



Patricia Callaghan is eagerly looking forward to the excitement of students returning in fall. As LUSU's receptionist, she is often the first person students have contact with, and is busy preparing herself

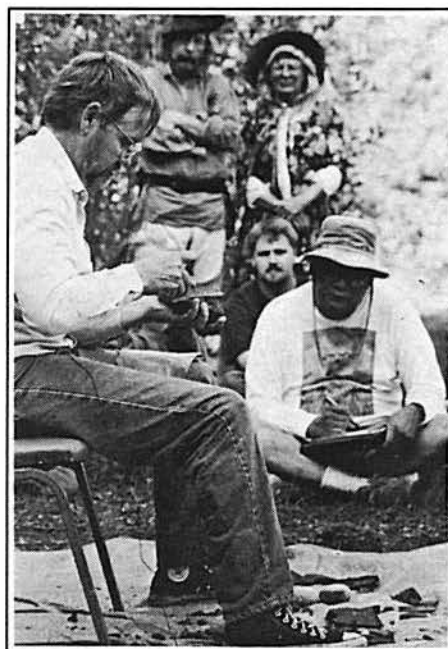
to address the needs and concerns of Lakehead students.

Originally from Winnipeg, Callaghan has lived all across Canada, from Saskatchewan to New Brunswick, although the north shore has been her home most recently. While living in Terrace Bay she successfully ran the Red Dog Inn, before bringing her hospitality expertise to Thunder Bay's Venture Inn.

Callaghan came to Thunder Bay to focus on her family life. She has two daughters; Erin, who attends PACI, and Kimberleigh, an LU grad in English. Pat's involvement with Kimberleigh as she pursued her education has given her an understanding of the challenges many students face in today's world, and it's that understanding which she brings to LUSU.

She enjoys being part of the University community, and is looking forward to the intellectual stimulation Lakehead provides.

-- Shawn Vincent ■



During the summer, Dr. Bruce Bradley, archaeologist and world renowned flintknapper, demonstrated how tools such as spear points, knives and scrapers can be made by chipping stone. Using local "taconite" chert, Bradley perfectly replicated a type of artifact made by Paleo-Indian artisans in the Thunder Bay area some 9000 years ago. He also fielded questions from a group of about 45 fascinated spectators.

Modest travel support for Bradley's voluntary appearance at Lakehead beside the McIntyre River was provided by Lakehead University and the Thunder Bay Chapter of the Ontario Archaeological Society. ■

... WELCOME NEW FACULTY MEMBERS & STAFF ...

Dr. Martin Arnold

Dr. Ken Barter

Dr. Russell Currie

Dr. Alice Den Otter

Dr. Mark Gallagher

Professor John Graham

Professor Bobbi Kerlin

Dr. Dwight S. Mazmanian

Dr. Julie Zhou

Dr. Dimitrios Makrakis

Dr. David Euler

Dr. Gary M. O'Bireck

Music

Social Work

Outdoor Recreation, Parks & Tourism

English

Physics

Social Work

Education

Psychology

Mathematical Sciences

Electrical Engineering

Forestry

Sociology

Marilyn Arthur, Continuing Education Coordinator Northern Educational Centre for Aging and Health, (NECAH);

Michael Power, Community Development Officer, Health Sciences North;

Raymond Spirka, Security Attendant;

Teresa Linchuang, Technologist, Department of Mechanical Engineering;

Margot Ponder, Library Technician/Secretary, Department of Library & Information Studies.

LAKEHEAD BEATS CAL TECH

A team of first-year engineering students from Lakehead University walked away with first prize and a \$1500 scholarship at the 1995 Hydro Power Contest held July 26-28, 1995, in San Francisco, California.

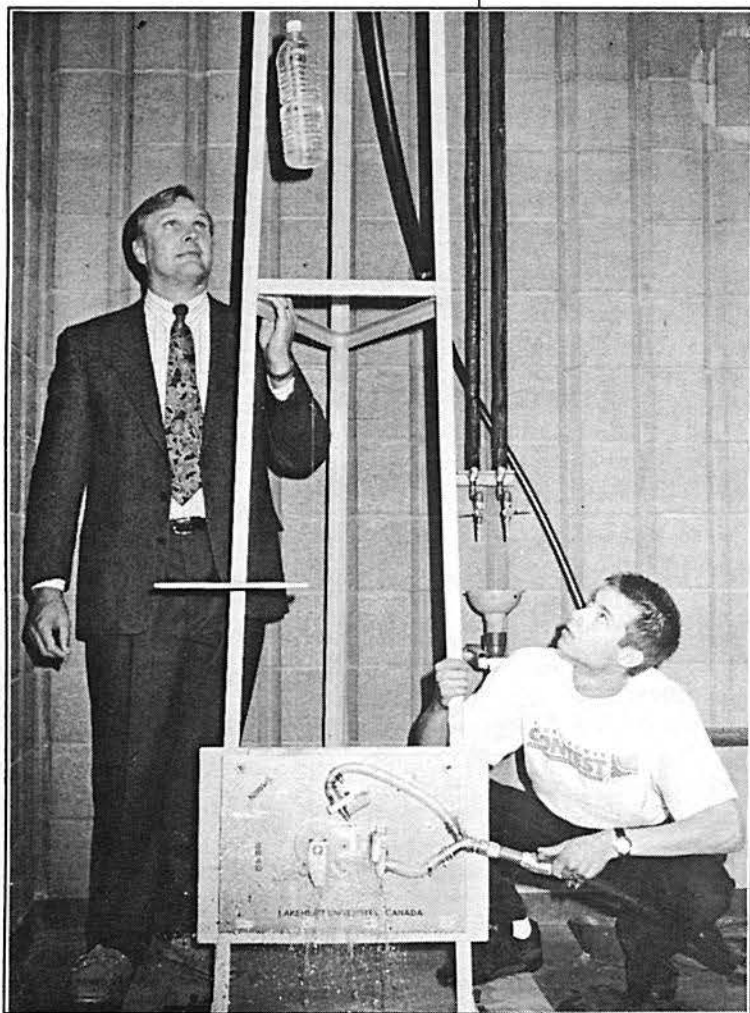
The goal of the competition was for contestants to create a water-powered device that could lift a 1.5-kilogram weight to a 3-metre vertical height.

The winning scheme, designed by first-year engineering students Alan Ripley and Rob Maki and presented by Brad Bida, did the job in 15 seconds flat, beating out the team from Cal Tech by a margin of a half a second. There were 10 other teams competing — and Lakehead's was the only team from Canada.

For Dr. Martin Oosterveld, the contest was a way to teach first-year engineering students about hydro power. He gave

the problem as an assignment in his first-year Introduction to Engineering class and was not surprised by the creativity of his students. Oosterveld likes hydro power projects because the skills required cover all engineering disciplines — civil, electrical, mechanical and chemical. And, he says, "Since many of my students are members of First Nations communities situated near rivers in Canada, they have a special appreciation and interest in the engineering problems of small hydro power installations."

The competition which was organized by Hydro Review Magazine, the Tennessee Valley Authority's Engineering Laboratory and sponsored by 35 organizations including CANMET (Canada Centre for Mineral and Energy Technology)/Natural Resources Canada.



Dr. Martin Oosterveld and Brad Bida demonstrate the water-powered device designed by first-year engineering students Alan Ripley and Rob Maki. Lakehead's entry was the only Canadian entry in the 1995 Hydro Power Contest held in San Francisco in July.

WHO DO YOU CALL?

Due to the secondment of Katherine Shedden to the Office of the Registrar, there has been a reorganization of duties in the Information Office.

Frances Harding, as Publications Officer, is responsible for the *Agora* newsletter and the *Nor'Wester* Magazine and should be contacted for all story ideas or submissions.

Denise Bruley, as Communications/Special Events Officer, is responsible for University Promotions (i.e. advertising) as well as Media Relations and University Special Events.

You can contact Frances at ext. 8193 and Denise at ext. 8372. Katherine Shedden has moved to UC0003 (next to Human Resources) and can be reached at ext. 8806.

LUCC PICNIC

The ninth annual Lakehead University Community Council picnic last July attracted over 50 people.

"The baseball game ended in a score of 17 to 16 and Nancy and Frank Luckai made a clean sweep of both the egg and the balloon toss," says LUCC Coordinator Norma Gibson.

Thanks to Versa Food Services for providing the barbecue supper and to the LU grounds crew for their help in moving picnic tables.

WHO'S WHO

Dr. Yves Prévost, Associate Professor in the Faculty of Forestry, has made it into the *Canadian Who's Who* 1995, the largest and most authoritative publication of its kind in Canada, offering instant access to more than 15,000 prominent Canadians in all walks of life.

In Prévost's write-up it states that his "career mission is to educate people so that insects are accepted as allies in maintaining the health of our planet."



THE REGISTRATION PROCESS (CONTINUED FROM PAGE 1)

Over the summer the University held its second annual "Headstart Program" which attracted over 200 new students in addition to 70 parents and provided the opportunity for new students to learn about the University as well as to register early for the 1995-96 academic year. Early registration was also once again available to returning students and in excess of 1,900 returning students registered early for the 1995-96 academic year.

Meanwhile late registration continues to Wednesday, September 20. ■

PARENTS PROGRAM GOING STRONG

If you have never been to university, what sort of changes can you expect to see in your son and daughter as they go through first-year? And how can you help? Those are the main questions addressed by the Parents Program, and for the last three years more and more parents are coming on campus to find out the answers.

In August and September, an orientation was held by Student Services giving approximately 290 parents the opportunity to meet key University personnel and ask questions about academic and student life.

A Parents Handbook with information on academic assistance, financial aid, awards, housing, student services, health care, sports, and recreation is available.

Parents receive a bi-annual newsletter discussing issues and providing information about student life.

The *Parents Buy A Book Campaign* gives parents the opportunity to contribute to the Library. Last year approximately \$32,000 in cash and pledges were collected from 218 parents.

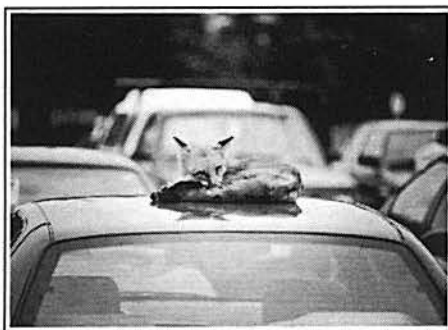
For more information about the Parents Program contact Vonnice Cheng at 343-8522.

WRITING ABOUT RESEARCH

S.P.A.R.K. -- Lakehead will continue this year thanks to the generosity of Thunder Bay's local newspaper. Colin J. Bruce, the publisher and general manager of The Chronicle Journal/The Times News (a division of Thomson Newspapers Company Limited), has confirmed that his organization will sponsor the program by giving Lakehead University a cash donation of \$1500. In addition, the company will give the University an in-kind donation of advertising.

The **S.P.A.R.K.** (Students Producing Articles on Research Knowledge) program is designed to help students develop journalism skills; to help Lakehead University promote its research; and to help raise public awareness about the importance of research and its benefits to society at large.

Students interested in applying are asked to contact Frances Harding at 343-8193.

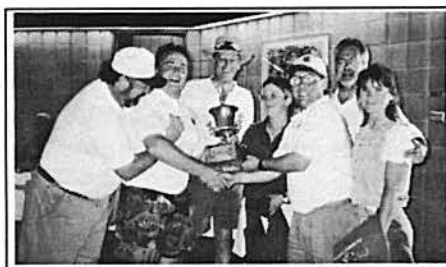


IS THAT AN AUDI FOX ?

Engineering secretary Susan Childs was a little concerned when someone told her a fox was sleeping on her brand new Pontiac Grand Am. The animal stayed for about two hours -- long enough for Peter Puna to capture him (or her) on film.

Peter Puna is Lakehead's staff photographer. He is available to the entire University community for personal and work-related photo assignments including studio and darkroom projects. He can be reached through Graphics & Photography Services by calling 343-8661.

Puna's studio is in SN1009 next to the Department of Psychology.



MAINTENANCE CHOICE

The annual Maintenance Choice golf tournament organized by the staff in Campus Development last June was huge success. In the photo above Committee members Joe Gosselin, Brian Baraskewich and Ken Sundell congratulate the winning team: Wayne Hainrich, Bill Stevens, Etie Turpin and Susan Mandela. The tournament raised \$200 for Lakehead University scholarships and bursaries.

REGIONAL SCIENCE FAIR ENTRANT WINS BRONZE AT THE NATIONALS

Congratulations to Avery Pennarun, a grade 12 student from St. Patrick High School, who won a bronze medal at the National Science Fair competition held in Whitehorse, Yukon, last May. His winning entry was a computer project titled "Interfering Waves." Pennarun won the best overall project at the Northwestern Ontario Regional Science Fair held at Lakehead University on April 6, 1995.

ATHLETICS

Lou Pero, Lakehead's men's basketball coach, was appointed Manager and Assistant Coach with Canada's men's basketball student team by Head Coach John Dore of Concordia University in Montreal and Basketball Canada. The team began training camp at Humber College in Toronto on July 29 and represented Canada at the 1995 World University (FISU) Games which ran from August 23 to September 3 in Fukuoka, Japan.

CORRECTION

In the June issue of the *Agora* we featured a picture of Faculty of Education secretary Uta Hicken and her daughter Sherry (not Stacie as noted in the caption). Sherry graduated from Business Administration last May. Her sister Stacie is still in high school. ■

"MICROCOSM" MAKES ITS CANADIAN DEBUT

This summer Lakehead University hosted the first Canadian workshop on a new multi-media, interactive software program that has the potential to revolutionize data analysis methodologies.

The program -- *Microcosm* -- is a Windows-based application that has been designed to meet the needs of scholars across a wide spectrum of disciplines.

Dr. Frank Colson, a historian at the University of Southampton, England, believes *Microcosm* is a powerful tool for research and teaching that has the potential to democratize scholarship.

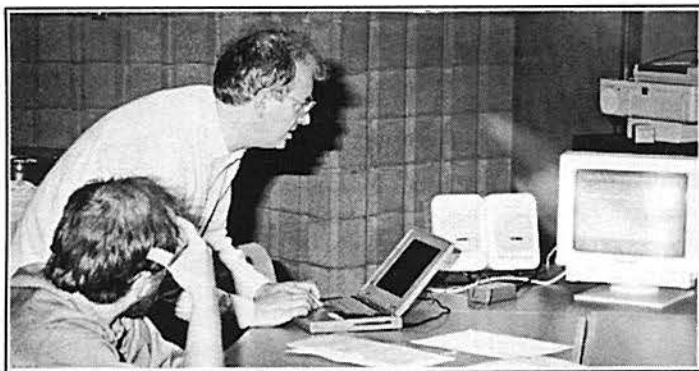
He and his partner and colleague Jean Colson demonstrated the new technology to a group of Lakehead librarians, staff and faculty on July 19 -- a month before making a similar presentation at the International Congress of Historical Sciences in Montreal.

When asked about the potential impact of this new technology on the world of ideas, Colson likened it to the Gutenberg press saying *Microcosm* has the potential to revolutionize the world of academe.

The software was developed in the early 1980s to support a resource-based approach to learning by allowing individual authors to quickly pull together a multi-media teaching package using their pre-existing document, video, sound, graphics and animation files.

According to *PC Magazine* (May 1995), *Microcosm* comes into its own when the reader's task is to actively explore an information resource:

"In a *Microcosm* application you could easily be constrained to follow a prescribed path through the resource material. But *Microcosm*'s big strength is that you can also be allowed more open exploration of the resource material. Used in this way, an author's hypertext links provide a "map" of the available resources that can be explored by readers under their own steam. To enhance exploration, a *Microcosm* application allows readers to set up their own hypertext links and effectively construct their own knowledge base within the supplied material."



University of Southampton historian Frank Colson demonstrates a new multi-media, interactive computer program designed to meet the needs of scholars across a wide spectrum of disciplines.

"It's precisely the kind of analytical and learning tool we yearn for," says Lakehead University anthropology professor Dr. Scott Hamilton. He likes the way the Windows-based application allows the user to preserve the integrity or "authority" of a text, to provide context, and to encourage re-interpretation, discussion, and debate.

There have been 54 projects using the new software undertaken in Britain including Frank Colson's own document -- an analysis of Sir Winston Churchill's famous "Iron Curtain" speech incorporating audio sound, video images (from original film footage), and scanned images of original handwritten documents that show all of the author's marginal notes.

Colson believes the new software has enormous potential to enrich university and college courses either as a library resource or as a teaching and learning aid in a seminar setting. Unlike the freewheeling chatter on the Internet, he says, *Microcosm* documents are peer reviewed and so are considered to be of the same calibre as academic publications.

Frank Colson is the Director of the Digital Libraries Research Centre with The Historical Document Expert System (HiDES PROJECT) at the University of Southampton. The HiDES Project has received support from the Caloutse Gulbenkian Foundation, the Leverhulme Trust, the British Academy, the Royal Historical Society, IBM UK Trust, Hampshire Country Council and The University of Southampton.

For more information contact the Office of Graduate Studies and Research at 343-8793. ■

SSHRC INTERNATIONAL SUMMER INSTITUTE: AN INTENSELY PRODUCTIVE RESEARCH RETREAT

More than 45 researchers from around the world gathered at Lakehead University in August to focus on Social Science Perspectives on Health Service Delivery Issues in Rural and Remote Areas.

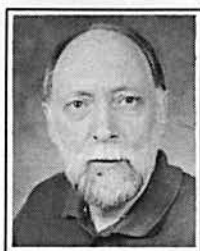
The International Summer Institute, described by Coordinator Jean Engholm as a "research retreat," was the only one of its kind funded by the Social Sciences and Humanities Research Council of Canada this year.

Lakehead University was well represented having members on three out of the five research teams participating. Shown above are Dr. Paul Humphries, Director of the Northwestern Ontario Medical Programme (NOMP); Dr. Lynn Penrod, President of the Social Sciences and Humanities Research Council of Canada (SSHRC); Dr. Bruce Minore, Director of the Northern Health Human Resources Research Unit (NHHRU) and Dr. Connie Nelson, Dean of Graduate Studies and Research. ■

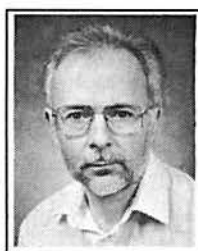




Dr. John Griffith



Dr. Keith Roy



Dr. Maurice Benson

DEPARTMENT OF MATHEMATICAL SCIENCES BECOMES SCHOOL OF MATHEMATICAL SCIENCES

Four Schools and four Faculties. Now that the Department of Mathematical Sciences has become the School of Mathematical Science, the University's academic structure just got a little easier to remember.

The change, effective July 1, 1995, means the School of Mathematical Sciences is comprised of two departments: the Department of Computer Science chaired by Dr. Maurice Benson and the Department of Mathematics & Statistics chaired by Dr. Keith Roy.

Director Dr. John Griffith says the change was made in recognition of Computer Science as an independent discipline, with its own NSERC Committee and its own accreditation procedures.

Roy, the Chair of Mathematics & Statistics, has taken over the additional role of Graduate Officer, while Benson, Chair of Computer Science, also acts as the Co-op Adviser.

"Students will now find Computer Science courses listed under Computer Science," says Griffith, "and not embedded in the list of Mathematics courses. As well, they will benefit from advice from knowledgeable Chairs in each of the two disciplines -- Computer Science and Mathematics & Statistics."

Having the School divided into two departments, he says, will give greater publicity to each area and will give Lakehead University representation on two national organizations -- the Canadian Mathematics Chairs and the Canadian Computer Science Chairs.

In addition, Lakehead's Co-op partners will have the opportunity to interact with a Chair who is an expert in that particular area.

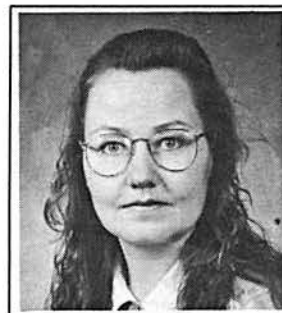
Like the other independent schools (Kinesiology, Nursing, Outdoor Recreation, Parks & Tourism) the School of Mathematical Sciences reports to Dr. Jim Gellert, the Dean of Arts & Science. The four faculties (Business Administration, Forestry, Engineering, and Education) report to Dr. John Whitfield, the Vice-President, (Academic). ■

Lakehead University will host the Canadian Mathematical Educational Study Group in May, 1997.

STATISTICAL LABORATORY PROVIDES A NEW SERVICE TO STUDENTS, FACULTY AND THE PUBLIC

Whether you are analyzing the eating habits of dragonfly larvae or measuring the ways that integrated circuits are stressed with voltage, the folks over in the School of Mathematical Sciences' Statistical Laboratory can help.

Since January, Karla Nobrega has been meeting with faculty and students to help them choose the best methods for their particular research project. She begins by asking "What questions do you want answered?" Then, because her knowledge of statistics is so broad, she can help her "clients" choose which statistical tests or procedures are appropriate. After that, she might even give advice on designing the survey or choosing an appropriate population for testing.



Karla Nobrega

Nobrega is currently a graduate student in the School of Mathematical Sciences specializing in Statistics. In the process of carrying out her responsibilities with Lakehead's Statistical Laboratory, she is actually completing a course in consulting. According to her supervisor, Dr. Keith Roy, Nobrega is exceptionally qualified for this task: "At other schools graduate students usually work in pairs on one or maybe two projects per year. Karla has worked on over twenty in the past seven months."

Nobrega has done graduate work in Mathematics at both Queen's University and the University of Alberta. She likes the environment of a smaller university and says, "With no PhD program the pecking order is different and the supervisors have lots of time to spend with the Master's students."

If a particular research problem is complex, Nobrega will review the problem with her supervisor and with Dr. Julie Zhou (who shared an office with Nobrega when they were both graduate students at the University of Alberta).

The Statistical Laboratory's goal in 1995-96 is to become more widely known -- particularly among Lakehead researchers who may wish to factor in the cost of its services into their fall grant applications.

In addition to providing statistical consulting and statistical services (including presentation of results in graphical or tabular form), they will also provide short courses and seminars on various areas of statistics and statistical computing.

The Statistical Laboratory is located on the 3rd floor of the Ryan Building in Room 3008. You can contact them by telephone at 343-8777 or 343-8469, by fax at 343-8821, or by e-mail: stat.lab@lakeheadu.ca

■



José Ignacio García Barcia

FRIENDS OF ASTURIAS CONNECT IN THUNDER BAY

There are only three Canadian members of this exclusive group who speak to one another (in Spanish) via the Internet. They met for the first time this summer when an Ottawa-based student José Ignacio García Barcia began a two-year trip to Antarctica by bicycling around the north shore of Lake Superior. The other two are Lakehead's Emil Dolphin, Associate Professor of Spanish and French, and José de Cangas, Associate Professor of Nursing.

Asturias is one of the most beautiful and most historic regions in northern Spain, the only part of the country that was never conquered by the Moors," says Dolphin.

There are about 40 people living around the world who love the region and keep in touch with one another via e-mail. Ignacio García (or "Nacho" as he likes to be called) is planning to meet up with another "Asturian" when he gets to the United States -- an anthropology professor living in Chicago.

Dolphin has noted that some of his students are reluctant to travel even when they have the financial means. Yet tasting and touching another culture is vitally important, especially for language students. The Internet, he says, has made it easier for people to establish common ground and to begin to develop new friendships. ■

GEOLOGY

Lakehead University was represented at the July meeting of the International Union of Geophysicists and Geodesists, attended by more than 4000 geophysicists at Boulder, Colorado. Dr. Borradaile, a professor in the Department of Geology, gave the keynote address in the session on Applications of Magnetic Anisotropy.

This subject deals with the manner in which the magnetic properties of rocks vary in different directions through minerals, and through rocks comprising these minerals. This field of study permits us to understand subtle variations in the orientation of crystal structure that are invisible to other techniques.

Borradaile has contributed to the study of magnetic properties of rocks in the last decade, publishing at least five peer-reviewed papers in International Journals each year. His research has concentrated on fundamental techniques that have contributed to many fields such as monitoring stress patterns in the Earth's crust (e.g. precursors of Earthquakes, volcanic eruptions), ancient movement patterns in the Canadian Shield, the location of ore deposits, tracing environmental pollution, detecting geologically recent climate change and historical changes in land-use.

A recent innovation of this work has permitted Borradaile to detect the recycling of ancient Roman building materials by the subsequent Saxon, Norman and medieval cultures in England.

At the same conference, Borradaile gave an invited talk on the effects of stress on remanent magnetism after which he was invited to give next year's keynote address on rock magnetism and experimental deformation at the European Geophysical Society meeting in the Netherlands.

Borradaile's research is supported by a five-year grant of \$60,000 per year from NSERC and he received his sixth equipment grant from NSERC this year also.

Within the coming year several international visitors are expected to benefit from the unique rock-physics laboratory facilities that Borradaile has established at Lakehead University. ■

BIOLOGY

Did you know that a small, white worm about the length of your thumb can bring a half ton moose to its knees?

The parasite is called *Elaphostrongylus alces* -- and it is responsible for bringing Dr. Ing-Marie Olsson from the Swedish University of Agricultural Sciences in Uppsala to further her research.

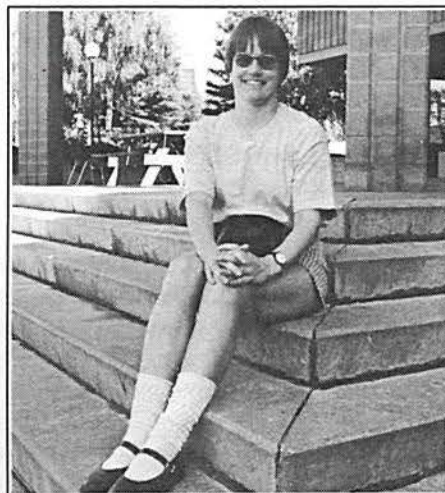
Olsson is a veterinarian who has received funding from the Sweden-America Foundation and the Royal Academy of Forestry Science to spend six months at Lakehead University comparing notes with Biology professor Dr. Murray Lankester.

Lankester has been studying a "cousin" of the Swedish parasite (*Parelaphostrongylus tenuis*) which in Canada affects white tail deer as well as moose.

"Although there was an outbreak in Sweden that killed 300 moose in 1985, the parasite is not considered to be a huge threat," says Olsson.

"However, in Sweden there are over 300,000 moose," she says "and each year between 80 - 90,000 moose are hunted." This is about the same number as are killed by hunters on an annual basis in all of North America!

While in Canada, Olsson attended the North American moose conference in New Brunswick and has visited the Falling Snow Project north of Thunder Bay. Olsson will be at Lakehead University until October 27, 1995. ■



Dr. Ing-Marie Olsson

Ms Andrea G. Lundy
 Dr. Alastair D. MacDonald
 Dr. S. Richard MacGillivray
 Ms Margaret F. MacLean
 Dr. Peter F. Mah
 Dr. Lada Malek
 Dr. Azim Mallik
 Mrs. Tracey E. Marks
 Dr. Stephen McBride
 Dr. Lorne S. McDougall
 Mr. Andy McFall
 Mr. Fred McIntosh
 Dr. Roderick W. McLeod
 Mr. Dennis McPherson
 Dr. William Melnyk
 Dr. George J. Merrill
 Ms Diane Michieli
 Mr. Les Miller
 Dr. Kathleen M. Minor
 Dr. Roger H. Mitchell
 Dr. Walter T. Momot
 Mr. Bill K. Morgan
 Ms Michel Morton
 Mrs. Marion Muldoon
 Dr. Gary H. Murchison
 Mr. Alain Nabarra
 Mr. Shiv Naimpally
 Dr. John Naysmith
 Mrs. Brenda Nelson
 Dr. Connie Nelson
 Mr. Ron Nelson
 Mr. Stan Nemec
 Ms Norma Jean Newbold
 Dr. Ian Newhouse

Dr. Inderjit Nirdosh
 Dr. David A. Nock
 Mr. Henry E. North
 Dr. Martin Oosterveld
 Dr. Donald E. Orr
 Dr. Anne Osborn-Seyffert
 Dr. George W. Ozburn
 Mr. Daniel R. Pakulak
 Ms Diana E. Pallen
 Dr. Umed S. Panu
 Dr. William H. Parker
 Mr. David B. Parsons
 Mr. Pentti A. Paularinne
 Mr. Brian A. Phillips
 Mrs. Linda Phillips
 Mr. James Podd
 Ms Debra D. Poulin
 Mr. Fred Poulter
 Dr. Yves Prevost
 Dr. Reino E. Pulkki
 Mr. Peter H. Puna
 Dr. Venugopala R. Puttagunta
 Dr. James A. Pylypiw
 Dr. J. Douglas Rabb
 Mr. Ain Raitsakas
 Dr. M. Rappon
 Dr. Harun Rasid
 Dr. J. Michael Richardson
 Dr. R. Charles S. Ripley
 Dr. Robert G. Rosehart
 Dr. L. Keith Roy
 Dr. Raoul E. Ruiperez
 Mr. John C. Russell
 Ms Gabriella E. Sacchetti

Dr. Vincent L. Schonberger
 Dr. Gerd Schroeter
 Mrs. Joan L. Seeley
 Dr. Edson C. Setliff
 Mr. Lyn F. Sevean
 Mrs. Vivian Sharp
 Ms Katherine M. Shedden
 Ms Jo-Anne Silverman
 Dr. Helen Smith
 Mr. Victor C. Smith
 Mrs. Cindy Soldan
 Dr. Thomas M. Song
 Mr. Ron Spina
 Ms Donna St. James
 Ms Stefanie D. Stangier
 Ms Donna L. Stecky
 Mrs. Beverley Stefureak
 Mrs. Bonnie J. Stemkens
 Mr. Grant D. Stephenson
 Dr. M. Darlene Steven
 Dr. Joe D. Stewart
 Ms Jessie Sutherland
 Ms Sharon Taylor
 Ms Janice C. Thatcher
 Dr. Lisle A. Thomson
 Mrs. Susan F. Trevisan
 Dr. Peggy Tripp
 Dr. Seimer H. Tsang
 Mr. Michael W. Turek
 Mr. Gilbert Vanson
 Mrs. Linda A. Veinot
 Mrs. Patricia Vervoort
 Dr. Henry T. Saliba
 Mr. E. Grant Walsh

Mr. Don W. Watson
 Dr. Paul Watts
 Dr. Dan Weeks
 Dr. Geoffrey Weller
 Mr. Robert G. Welsh
 Ms Geraldine S. White
 Dr. John Whitfield
 Mrs. Bonny Wigmore
 Mrs. Karen L. Williams
 Mrs. Leona Wilson
 Mrs. Lyette Y. Wirtz
 Mrs. Gwen Wojda
 Ms Louise I. Wuorinen
 Ms Darlene L. Yahn
 Dr. Kung-Chi Yang
 Dr. Ernst R. Zimmermann
 Dr. Siegfried Zingel
 Mr. Rob Zuback



A Special Thank You to Lakehead University Faculty and Staff Who Have Donated to the Share Our Northern Vision Campaign

Anonymous	Dr. Anita B. Chen	Ms Kathleen Gazey	Dr. Margaret E. Johnston
Ms Beverly Adams	Dr. Min-Sun Chen	Dr. James H. Gellert	Mr. Stu Julius
Dr. Henry J. Akervall	Mr. Dave Christie	Mrs. Valerie J. Gibbons	Mr. Ben Kaminski
Mr. Doug H. Alexander	Mr. Jack Christy	Dr. Tony G. Gillies	Mrs. Iris Karam
Mr. Ken Allan	Mr. F. Richard Clarke	Mr. Richard J. Glew	Dr. A. James Kayll
Dr. William R. Allaway	Mrs. Kerrie-Lee Clarke	Ms Sarah A. Gooding	Dr. Werden Keeler
Mr. Fred Anderson	Mr. Andre T. Cloutier	Dr. Colin Graham	Mr. William D. Keeler
Ms Margaret M. Anderson	Ms Sharon Cole	Mr. Eric A. Green	Mrs. Mary Lou Kelley
Dr. Robert W. Archibald	Dr. Dianne L. Common	Dr. T. John Griffith	Dr. David Kemp
Ms Cheryl M. Balacko	Dr. Jane E. Crossman	Dr. James Haines	Dr. Beverley E. Kent
Mr. Lynn A. Barber	Dr. Walter R. Crowe	Mr. Albert J. Harding	Dr. Clement F. Kent
Mrs. Elizabeth A. Bartonek	Mr. Daniel F. Crozier	Ms Frances Harding	Mr. Peter S. Kerr
Mr. Crandall Benson	Dr. Harold G. Cumming	Mrs. Connie Hartviksen	Dr. Muzibul H. Khan
Dr. Maurice W. Benson	Mr. Jose deCangas	Mr. Ken R. Hartviksen	Ms Ti King
Mr. Kailash C. Bhatia	Mrs. Anne E. Deighton	Dr. Minoru Hasegawa	Ms Rhonda R. Kirk Gardner
Mr. C. Ralph Birston	Dr. Roger Delaney	Mr. Gerry M. Hashiguchi	Dr. Daniel Klassen
Mr. L. Dale Black	Ms Elizabeth C. Diem	Mrs. P. Lynn Hauta	Mr. Manfred G. Klein
Ms Rita Blais	Dr. Robert S. Dilley	Dr. Margaret H. Hawton	Mrs. Anne A. Klymenko
Mrs. Shirley A. Boneca	Dr. Livio Di Matteo	Dr. Gerrit Hazenberg	Ms Sarena Knapik
Mr. Norman C. Bonsor	Ms Catharine E. Doig	Dr. William G. Heath	Ms Glenna C. Knutson
Ms Margaret I. Boone	Mr. Jack Drewes	Ms Joy Himmelman	Dr. George A. Kondor
Dr. Graham J. Borradaile	Ms Kimberly T. Duffy	Dr. Rick M. Holmes	Dr. Barbara Kronberg
Mrs. Phyllis Bosnick	Mrs. Erica L. Dzuba	Mrs. Susan L. Horsfall	Mrs. Dawn Kucher
Dr. Alan Bowd	Dr. William Eames	Mrs. Jennifer D. Howie	Mr. Peter N. Labor
Mr. Bill Bragnalo	Dr. Said M. Easa	Dr. Alan N. Hughes	Dr. Ron S. Lappage
Mr. Glen C. Broman	Dr. A. Ernest Epp	Mr. David G. Hughes	Dr. Norman LaVoie
Mr. Kenneth Brown	Mrs. Ruby V. Farrell	Ms Rebecca Hurley	Dr. Claude G. Liman
Ms Denise A. Bruley	Ms Maria Fine	Mrs. Betty Hygaard	Dr. J. Gary Locker
Dr. Aris Carastathis	Dr. Joyce Forbes	Mr. Robert M. Isotalo	Mrs. Cynthia H. Loos
Dr. Glen B. Carruthers	Ms Margaret E. Forbes	Ms Lada H. Iwasyski	Dr. Brian J. Lorch
Mr. David Challen	Dr. Richard Freitag	Mr. Edward H. Janssens	Mr. Frank Luckai
Ms Madge Chan	Mr. Laurie J. Garred	Dr. Claude D. Johnson	Mrs. Nancy J. Luckai



DAVID EULER APPOINTED DEAN OF FORESTRY

Dr. David Euler has moved from being a Senior Policy Advisor with the Ministry of Natural Resources in Sault Ste. Marie to being the Dean of Lakehead's Faculty of Forestry. He has been appointed for a five-year term commencing July 1, 1995, and replaces Dr. John Naysmith who has held the position of Director and then Dean since 1988.

Euler grew up in Michigan but completed all of his academic studies in the state of New York including a Master of Arts in Teaching (1970) and a PhD in Wildlife Ecology (1973) at Cornell University.

After graduating, he began working with the Ministry of Natural Resources in Canada as a Habitat Ecologist and by 1991 he had moved into the position of Senior Policy Advisor. During a portion of that time -- from 1979 to 1984 -- he served as an adjunct assistant professor with the University of Toronto and York University.

While working with the MNR, Euler helped to write portions of the *Crown Forest Sustainability Act* and to develop a *Policy Framework for Sustainable Forests, A Conservation Strategy for Old Growth Red and White Pine Forest Ecosystems*.

He is very encouraged by the new legislation because "it takes the long-term view in terms of maintaining forest sustainability" and "will involve people as never before."

"Forests are critical to the process of the earth's environment," says Euler, "and managing them successfully is Canada's greatest challenge...Lakehead University is at the heart of this vast, wild boreal forest; all of the issues are right here, on our doorstep...Our responsibility is to produce forestry graduates who are both technically competent and excellent communicators able to work with different groups to arrive at common goals." ■

FACULTY PROMOTIONS

On July 1, 1995, the Following Promotions went into effect :

❖ to the rank of Professor:

Dr. H. Akervall, School of Outdoor Recreation, Parks and Tourism

❖ to the rank of Associate Professor:

Dr. F. Blaikie, Education

Dr. K. Brownlee, Social Work

Dr. L. Di Matteo, Economics

Professor E. Dolphin, Languages

Dr. M. Johnston, Geography/CNS

Professor T. King, Nursing

Dr. S. Kinrade, Chemistry

Dr. J. Lynes, English

Dr. T. Puk, Education

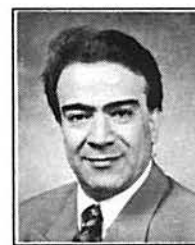
MEET ONTARIO'S MINISTER OF EDUCATION AND TRAINING

John C. Snobelen was elected to the Ontario Legislature in June 1995 representing the riding of Mississauga North. While in the private sector, Snobelen was president of Jarnso Environmental Inc., a waste-material trucking company, Mid-Ontario Equipment Ltd., a specialized transportation equipment manufacturer, and The Cameron Group, a business consulting firm. Snobelen, 40, is a past chair of Hunger Project in Canada and a founding member of the National Reining Horse Association in Canada. ■



EDUCATION

Dr. Medhat H. Rahim was selected by the International Commission on Mathematical Instruction (ICMI) to contribute to the ICMI study: *New Prospects on the Teaching of Geometry for the 21st Century* at Catania, Italy -- Dipartimento di Matematica, Citta' Universitaria, September 28 - Oct 2, 1995. The participation for the study is by invitation only and is restricted to 75 participants around the globe. ■



BAHRAM DADGOSTAR APPOINTED DEAN OF BUSINESS ADMINISTRATION

An economist who is an authority on North-western Ontario has taken the helm as Dean of the Faculty of Business Administration.

Dr. Bahram Dadgostar has been appointed for a five-year term commencing July 1, 1995. He replaces Professor Ken Hartviksen who is on a six-month sabbatical with plans to return January 1, 1996.

One of Dadgostar's goals in the next five years will be to help Lakehead University establish a graduate program in Business Administration. As well, he hopes to strengthen the international aspects of the undergraduate program and the management information systems (MIS) area. All this, he says, "In a time of cutbacks where everyone is being asked to do more with less."

"Lakehead University already has many international contacts and linkages because of its proximity to international resource industries (mining and forestry)," says Dadgostar.

"And because of its location and unique environment, Lakehead has many similarities with -- and consequently much to offer -- countries such as Sweden and Russia."

Originally from Iran, Dadgostar has a PhD in Economics from Iowa State University as well as a MSc in Economics from Ball State University in Indiana and a MSc in Finance from Concordia University in Montreal.

He co-authored the book, *The Economy of Northwestern Ontario: Structure, Performance and Future Challenges* with Dr. B. Moazzami and Dr. W. Jankowski from Lakehead's Department of Economics and has been the author of several journal articles. Since coming to Lakehead in 1983, Dadgostar has travelled extensively, both nationally and internationally, working as a visiting professor and a consultant. ■

DRAFT

Lakehead University Anti-Racism and Ethnocultural Equity Policy

JUNE 14, 1995

PREAMBLE

Lakehead University's commitment to social justice is reflected in the following goal from its Strategic Plan 1992-1998 which acknowledges the importance of institutional awareness and responsiveness.

The University undertakes to develop and support a responsive and open environment which values individual uniqueness, respects diversity, is culturally sensitive, is free from discrimination and is conducive to scholarly activities.

To this end, the President founded the Lakehead University Anti-Racism Committee (LUARC), with representation by students, faculty, and staff. Campus consultations confirmed the racial and ethnocultural diversity of the University community including students, faculty and staff. Campus members reported encountering racist incidents and barriers to full participation in education and employment on the basis of race and ethnicity. For many, discrimination on the basis of religion is closely related to race and ethnicity.

Racist behaviour denigrates its victim, brings dishonour to the perpetrator, disrupts the academic community as a whole, and diminishes the stature of the University. The University's Harassment and Discrimination Policy and Procedures provides every person with the right to freedom from discrimination and harassment on all the grounds covered by the Ontario Human Rights Code, including race, ancestry, place of origin, colour, ethnic origin and creed. It also provides a process to deal with complaints.

Changing student and faculty demographics in the University population, particularly with Aboriginal people, have made apparent the limitations of traditional educational perspectives such as a curriculum that focuses primarily on the experiences and achievements of people of European background.

With the view that the University needs to be open to and understanding of ethnocultural and racial diversity and needs to create a learning and working environment free of racism, this Policy has been developed.

POLICY STATEMENT

Lakehead University supports the racial and ethnocultural diversity of its community as a source of human excellence, cultural enrichment and social strength. This policy promotes a pro-active approach that emphasizes education and prevention.

The University acknowledges that it has a special responsibility to promote positive attitudes toward human diversity; to ensure that its practices foster excellence and respect among students, faculty, staff, and governing bodies; and to create an environment that allows all students and employees to develop to their full potential.

Affirming the values enshrined in the Canadian Charter of Rights and Freedoms, The Canadian Human Rights Act and the Ontario Human Rights Code, the University recognizes its moral and legal responsibility to ensure that all members of the community can study, work, and live free from discrimination and harassment on grounds prohibited by law. The University is committed to providing an environment in which all members of the community have access to and participate freely in all aspects of University life.

The University recognizes that achieving equity in education and employment requires institutional support, pro-active educational programming, effective complaints procedures, the co-operation of every member of the University community, and informed leadership at every level of the University.

Each member of the Lakehead University community is responsible for respecting others' rights and freedoms and for helping to create an environment that is free from racial and ethnocultural discrimination and harassment.

This Policy applies both on and off campus to all members of the University community in the pursuit of University duties, or while engaged in University related activities.

DEFINITIONS

FOR THE PURPOSE OF THIS POLICY:

Access is the right or opportunity to enter or use.

Anti-racism refers to opinions and actions which contribute to the elimination of racism in all its forms, as expressed in policies, procedures and practices of the University and in the behaviour of individual members of the University community.

Anti-racism education includes programs to identify and change policies, procedures, and practices that may be racist, as well as the racist attitudes and behaviour that underlie and reinforce such policies and practices.

Barrier(s) are hidden, invisible and/or visible obstacles to equity in education, employment or other services.

Bias is a preference or inclination that inhibits its impartial judgment; prejudice.

Culture is the totality of ideas, beliefs, values, activities, traditions and way of life of a group of people.

Discrimination is action that has the effect, intentionally or unintentionally, of denying an individual or group treatment or opportunities equal to those accorded others in the areas of education, employment and other services.

Systemic discrimination is when intentionally or unintentionally discrimination becomes institutionalized in policies and practices which disadvantage certain racial or ethnocultural groups.

Diversity refers to variety in terms of race, religion, culture and ethnicity.

Equity is just, impartial and fair treatment for each person.

Equity program is a program that eliminates discriminatory policies and practices, remedies the effects of past discrimination and ensures equity within the University.

Ethnic group is a group whose members share a common heritage, culture, racial background and traditions.

Ethnocentrism is the tendency to judge all others by the norms and standards of one's own culture.

Ethnocultural group is a human population which sees itself or is seen by others as distinctive in its way of life.

Harassment includes words or actions that disparage or humiliate a person in relation to a prohibited ground contained in the Ontario Human Rights Code.

Inclusiveness ensures the inclusion of all groups.

Race is a social category used to classify people by certain physical characteristics.

Racism refers to actions based on a belief in the inherent superiority of one racial or ethnocultural group over another.

GUIDELINES:

Leadership

The Board of Governors, Senate, President and other persons in leadership positions will ensure that policies, programs and practices eliminate discrimination, promote posi-

tive race and ethnocultural relations and prepare students to live in a racially and culturally diverse society.

The leadership will participate in anti-racist training and implement this policy.

University Policies and Practices

Existing policies, guidelines and practices will be reviewed and where necessary amended to reflect this policy. Persons in leadership positions will ensure that guidelines and practices in their area of responsibility comply with this policy.

Educational Equity

The University will continually strive to provide an environment for its students that is free from cultural, racial and religious bias and/or discrimination in recruitment, admission policy and practices, educational programs, and evaluative policies and practices.

Promotional materials will portray and acknowledge the diversity of Canadian society in an equitable and appropriate manner.

Curricula and teaching methodologies should reflect the experiences and contributions of the diverse cultural, racial, and religious groups. Faculty will be offered developmental workshops to increase awareness of cultural and racial issues and appropriate actions for dealing with such issues.

Teaching materials that contain discriminatory bias and stereotypes should be used exclusively in a critical context in order that students become open-minded, discerning and analytical thinkers, aware of historical and current values, attitudes and behaviours.

Support services will respect the diversity among the student body, be culturally sensitive and free from bias and discrimination.

Employment

In accordance with the Ontario Employment Equity Act, the University faculty and staff will be recruited, hired, evaluated, promoted and rewarded in a fair and equitable manner.

Educational Program and Awareness Raising

The University will provide faculty and staff with development activities and programs which will enable them to deal more effectively with race relations issues in their

work. These activities and programs will increase the awareness of the need for equitable race relations and intercultural understanding; promote a widespread understanding about what constitutes racism, harassment and discrimination and its harmful effects; and improve knowledge and skills to work effectively in a multicultural, multi-racial environment.

A comprehensive educational strategy may include developing a plan for training in intercultural and race relations issues; developing component(s) for orientation on intercultural/interracial issues for all members of the University community; educational, cross cultural workshops; campaigns such as international days; posting this policy prominently on campus; distributing the policy to all staff and students; workshops about the policy; and other appropriate awareness raising activities.

Special Programs

A person's right to equal treatment without discrimination is not infringed by the establishment of a special program. The University may implement special programs to assist persons of diversity to achieve or attempt to achieve equal opportunity and/or to contribute to the elimination of racial discrimination prohibited by the Ontario Human Rights Code.

Complaint Procedure

Individuals who believe they have been subjected to racial discrimination and/or harassment shall receive due process under the Board of Governors' Harassment and Discrimination Policy. The complaints procedures provided under the Harassment and Discrimination Policy (See Appendix A) shall be the procedures followed by individuals seeking resolution of racial discrimination/harassment complaints. Confidentiality shall be respected as in that Policy.

When the complaint is deemed to be of an academic nature, the Harassment and Discrimination Officer will appoint a facilitator to seek an informal resolution. In the event that a satisfactory resolution to the matter is not achieved, the complainant may request a formal investigation as provided under the Harassment and Discrimination Policy.

...continued on page 12

**DRAFT -- LAKEHEAD UNIVERSITY
ANTI-RACISM AND
ETHNOCULTURAL EQUITY POLICY**
...continued from page 11

Collective Agreements & Academic Freedom

Some collective agreements contain articles on discrimination and academic freedom. In the context of interpreting this Policy, these articles should be referenced.

Visitors to the University

Persons visiting the University or contractors engaged by the University will be expected to adhere to this Policy.

Implementation

The President will ensure that appropriate procedures for Policy implementation are developed as soon as possible following Policy approval by the governing bodies. Such procedures will address, but are not limited to the following:

- * Increase awareness and understanding of race relations issues on campus;
- * Development and training in race relations matters;
- * Curricula review;
- * Employment Equity legislation;
- * Review of other policies, guidelines and practices.

Review

The Vice-President (Administration) in consultation with faculty, staff and students will review this policy within three years to ascertain if any amendments are necessary.

PUBLIC FORUM

You are invited to attend a public forum to discuss this draft of Lakehead University's Anti-Racism and Ethnocultural Equity Policy.

**NOTICES WILL BE POSTED
AROUND THE CAMPUS ONCE
A DATE, TIME AND LOCATION
HAS BEEN DETERMINED.**

OFIA CONTRIBUTES \$200,000 TO FACULTY OF FORESTRY'S CHAIR IN FOREST MANAGEMENT AND POLICY

Lakehead's Chair in Forest Management and Policy got a boost this summer thanks to the generosity of the Ontario Forest Industries Association (OFIA).

Earlier this year the Board of Directors of the OFIA voted unanimously in favour of contributing \$200,000 to Lakehead University's Chair in Forest Management and Policy over a five-year period. The presentation was made on campus on August 18, 1995, when Lorne Crawford, the Manager of Woodlands at Avenor Inc., presented a cheque on behalf of Marie Rauter, President of OFIA, to the President of Lakehead University, Dr. Bob Rosehart. The donation by the OFIA ensures that the Chair will be able to continue its research efforts on a wide range of important forest management and policy issues.

The Chair was established in 1987 with a \$1 million grant from the Government of Ontario. It became active in September, 1988, with the appointment of Dr. Peter Duinker as Chairholder and Associate Professor of Forest Management and Policy.

The Chair has played a vital role in the development of forest policy in Ontario and serves as a unique, independent forum where forest management and policy alternatives can be developed and examined rigorously. With a mandate to cover both the management and policy levels of forest decision-making, the Chair brings an independent and practical management perspective to policy development, and provides a strong policy context for the investigation of management problems.

Over the past seven years, the Chair has completed a wide range of research projects, including studies on wildlife habitat, forest-sustainability indicators, community forestry, environmental assessment, herbicide use, conflict resolution, public participation, Aboriginal forestry education, and others. Chair research personnel and graduate students have authored and presented dozens of papers and reports on their work.

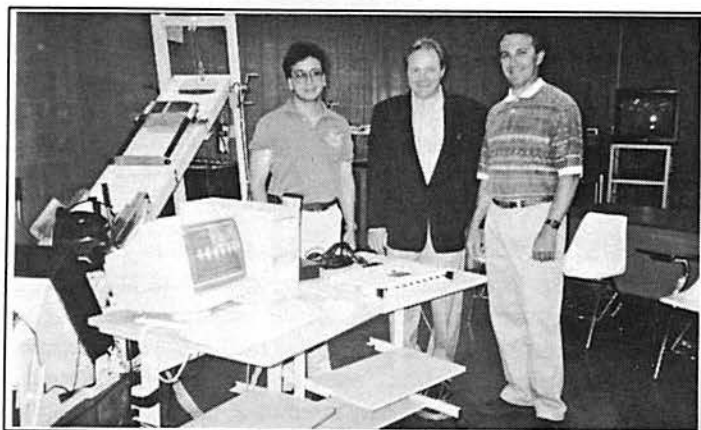
In addition to the grant from OFIA, the Chair's current research funding includes a large contract to undertake wildlife habitat and biodiversity assessments for a forest-products company in Alberta. Duinker is also a member of the newly funded Network of Centres of Excellence on Sustainable Forest Management, which will provide additional research resources for several years. ■



Lorne Crawford (left), acting on behalf of Marie Rauter, the President of the Ontario Forest Industries Association (OFIA), presents a cheque for \$200,000 to Lakehead University President Dr. Rosehart. The funds will be used by the Faculty of Forestry's Chair in Forest Management and Policy.

Share

OUR NORTHERN VISION



The Logozzo family, Iron Range Bus Lines Inc., recently donated an AMT-8 EMG Telemetry System for the School of Kinesiology. This invaluable piece of equipment can measure muscle activity and will be used extensively in training and research. Shown above (left to right) are Engineering Technologist, Carlos Zerpa, Joe Logozzo and Chair of Lakehead's Department of Kinesiology Dr. Tony Bauer.

MUSIC AND VISUAL ARTS CENTRE CAMPAIGN REACHES OVER \$500,000

The recently constructed Music and Visual Arts Centre launched a five-year equipment campaign in tandem with the *Share Our Northern Vision Campaign* in October of 1991 with the assistance of National Chair, Arthur Black, and Regional Co-chairs Annette Augustine and G. Sydney Halter. Along with the participation of over 30 volunteers, this fund-raising initiative realized over \$535,000 toward purchases of pianos, computers, stereo equipment, a state of the art electronic sound studio, etching presses, and pottery wheels just to name a few of the many required items. Additionally, as a result of this initiative, several new music and visual arts scholarships, awards and bursaries were created for deserving students. Many national corporations, foundations, local businesses and friends of Lakehead University have contributed to the huge success of this mini campaign. Leadership gifts were created by the Toronto Dominion Bank, The Eckhardt-Gramatté Foundation, Dr. John and Mrs. Etoile Naysmith, and Mr. William and Mrs. Pauline Tomlinson.

Recently, prominent Thunder Bay businessman, Mr. William H. Buset, provided a significant gift which will be recognized in the naming of the **William H. Buset Centre for Music and Visual Arts**, thereby concluding this campaign. The donor recognition board will be unveiled at a reception for our generous supporters in early October. ■

WHAT'S HAPPENING IN THE LIBRARY

Interlibrary Loans Fee for journal articles: On September 1, 1995, the cost to the borrower for journal articles obtained on Interlibrary Loan increased from \$2 to \$3 per requested article. The Library continues to pay the remainder of the \$5 per article cost for faculty, students, staff and visiting scholars.

Library and Internet Subject Guides: Subject guides are prepared, reviewed and updated by the reference librarians of The Chancellor Paterson Library. These guides are intended as a starting point for doing research in the Library and on the Internet. A subject guide is available for most subjects taught at the university. Copies of these guides are available near the Information Desk.

Library Instruction Program for Students: The following types of classes are offered throughout the months of September and October. For times and dates please inquire at the Information Desk. Registration is necessary for all sessions.

◆ Tour of the Library:

Tours are one half hour long. Scheduled tours begin August 28 and run until September 22 at various times during the day.

◆ Searching Library Catalogues (LU and WorldWide):

During this session, students will learn to search the Library's Online Catalogue. Accessing and searching catalogues from other Libraries around the world will also be featured. Sessions begin September 11 and run until September 22.

◆ CD-ROM Searching:

CD-ROM indexes provide an effective method for locating journal articles and other documents for your research. This session will provide students with the skills needed for the most effective searching of indexes. Sessions will be held daily during the week of September 25th.

◆ Finding Information on the Internet:

During this 90 minute session students will learn about useful starting points and search tools on the Internet. Sessions will take place during the weeks of October 2 and October 9. ■

UNIVERSITY FOUNDATION ESTABLISHED

☞ Lakehead University has announced the establishment of the Lakehead University Foundation under the Universities Foundation Act, 1992. As an agent of the Crown in the right of Ontario, the Lakehead University Foundation will solicit, receive, manage and distribute money and other property received by the Foundation to support education and research at the University. The Foundation is administered by a board of directors consisting of Mr. G. Sydney Halter (Chair), Mrs. Betty Coates, (Vice-Chair), Ms Susan Braun, Mr. J.R. Evans, Mr. Teuvo Nupponen, Mr. Arn Westlake, Mr Russ Garrett and Mrs. B. E. Metzler. For more information contact Jo-Anne Silverman at 343-8910. ■

EFRT WINS AGAIN!

The exceptional service which the Emergency First Response Team (EFRT) provides to the University community was recognized during the 1995 Canadian Occupational Health & Safety Week (COHSW). On June 15th, the team was awarded the "Community Health & Safety Award" -- a safety recognition award sponsored by the Canadian Society of Safety Engineers in celebration of COHSW. The award is given "to honour a particular volunteer group or organization that has made a contribution to health and safety in a workplace or in the community at large."

The EFRT is a group of student volunteers who provide emergency first response services on campus during the fall and winter sessions. Lakehead's team is one of only two university teams in the country to provide 24 hour per day, 7 day a week service during its operating season. Their service complements the efforts of Lakehead's Security Services, Health Services and our 124 designated first aiders.

The award caps a prize-winning season for the Team. In March, Lakehead's EFRT placed first in the advanced first aid competition at the Provincial Emergency Response Conference at McMaster University. Congratulations!

NEW MEMBERS OF YOUR JOINT HEALTH & SAFETY COMMITTEE

The last four months have seen a few changes to the roster of the Lakehead University Joint Health and Safety Committee (JHSC). Tony Bauer and Anne Deighton have joined as new members representing LUFA. Tony and fellow LUFA rep, Lynn Barber, will serve as designates; Anne will serve as the official alternate. CUPE's new designated committee member, Duan Hu, will be backed up by Mojdeh Rostami-Allison. SEIU's Jason Wigmore and Ian Munro have traded spots: Jason will be serving as designate, with Ian as alternate. Adele Ritchie, as LUFA President, will sit as an ex-officio member of the committee.

The JHSC has representation from all six university unions (CUPE, IUOE, LUFA, OPEIU, SEIU, and USWA), as well as from three non-unionized employee groups (Schedule 1 and 2 employees, and Technicians). In addition, academic and administrative managers are both represented. The Human Resources Officer - Health & Safety, and the LUFA President hold ex-officio positions.

While the JHSC meets monthly, committee members are available to assist you with your health and safety concerns throughout the month. For a current list of committee members, check the JHSC list posted in your department.

NEW HEALTH & SAFETY VIDEOS

The health and safety area of Human Resources maintains a library of VHS format videos which are available for loan to University employees. Some of the new titles which we have obtained this summer are:

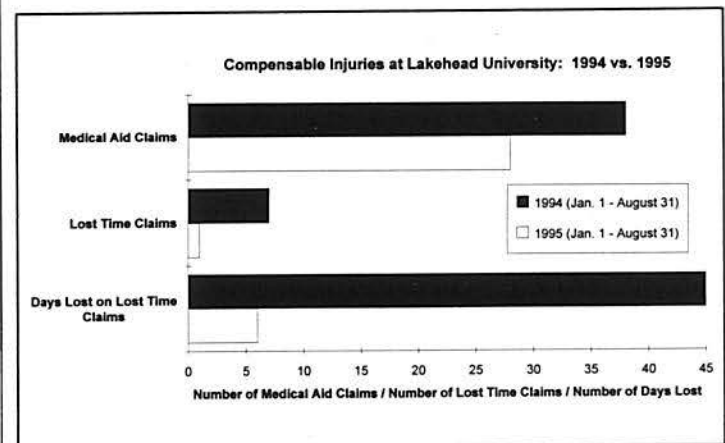
28 Grams of Prevention and Safety: Isn't It Worth It?: two lab safety videos from Fisher Scientific Co.

Preventing Employee Exposure to Bloodborne and Other Pathogens: a video from the University of Minnesota

INJURIES: GOOD NEWS AND BAD

While the news concerning reductions in injuries continues to be good, we cannot diminish the fact that University employees are continuing to be injured on the job. To date, this year, twenty-nine employees have been hurt at work. The statistics point to the continued need to re-evaluate our notions about health and safety.

It's time to throw away the "safety as just common sense" model, and accept that safety doesn't just happen. Health and safety results when all employee groups are committed to achieving a safe and healthy workplace; when they meet regularly to identify, evaluate and control hazards; when the parties work and interact openly and effectively, together, to produce the desired result ... a safe and healthy environment for both work and study.



Accepting the 1995 Community Health & Safety Award from Larry Westlake (right) of the Ontario Ministry of Labour, are Sue Jamieson and Scott Styles of the Emergency First Response Team.

DOWN UNDER

Human Resources

Telephone
Fax number

343-8334
346-7701



UPCOMING EAP COURSES AND WORKSHOPS:

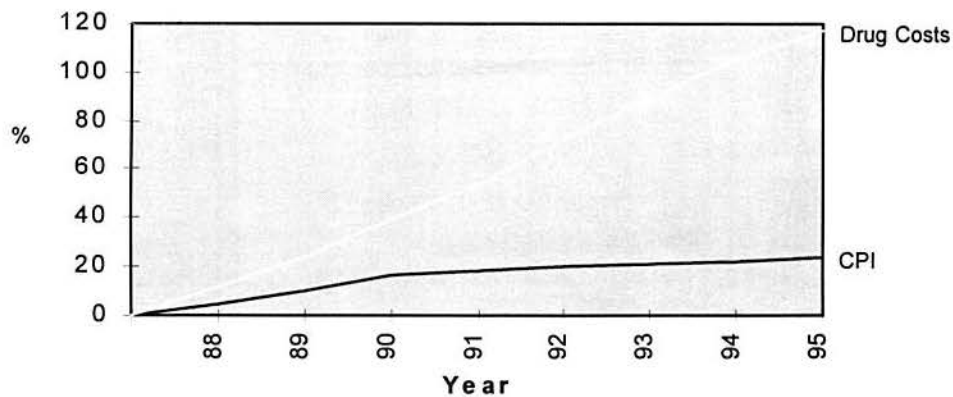
Parenting Workshop - Tuesday, September 26, 1995 - This one-evening talk is for parents with children 12 years of age or younger and will deal with discipline and self-esteem.

Assertive Communication Course - October 5-26 1995 - This 4-week course will enable participants to communicate assertively, handle conflicts effectively and enhance self-esteem.

Financial Planning Workshop - Tuesday, November 14, 1995 - This talk will cover everything you've ever wanted to know about Registered Retirement Savings Plans.

CALL 343-4626 TO REGISTER

Cumulative Drug Cost Increases vs Consumer Price Index (CPI)



Did You Know that the Lakehead University pension fund earned a gross rate of return of 10.34 percent between the beginning of January and the end of July 1995?

CANADA SAVINGS BONDS (CSBs)

Employees who wish to purchase CSBs through payroll deduction may pick up an application in Human Resources. Completed applications must be returned to Payroll no later than Friday, October 13, 1995.

Employees who purchased CSBs last year will be notified when and where to pick up last year's paid-up bonds.



Reminder: Additions or deletions to your list of dependents **MUST** be reported to Human Resources.

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

Q The Centre for Northern Studies is hosting an International Tourism Conference for Industry, Government and Researchers from October 12 - 15, 1995 entitled *Shaping Tomorrow's North: The Role of Tourism and Recreation*. Themes include challenges in northern tourism, native people and tourism, research needs, culture and tourism, eco-tourism, adventure recreation, environmental protections, planning for tourism, regional initiatives, and land use conflicts. For information contact Robbie Ferguson at 343-8360, fax 343-8100 or e-mail: robbie.ferguson@lakeheadu.ca.

Children's poet Sheree Fitch will give a public lecture on Tuesday, October 3, 1995 at 8:00 pm in the Faculty Lounge. This is the first lecture in the 1995-96 Department of English Lecture Series sponsored by Thunder Bay Travel, Sweet Thursday Bookshop and Thunder Bay Public Library. There will be a reception and booksigning following the lecture. Cash Bar. Free Admission.

❑ A Call for Papers for the 12 Annual Canadian Association for Distance Education Conference with the deadline of October 31, 1995 has been issued by the Continuing Education department at the Université de Moncton, Moncton, NB, E1A 3E9. Session proposals should be submitted under one of five subthemes: Converging Technologies; Teaching/Learning Strategies; Organizational Issues; Public and Private Sector Linkages; and Global Village Concepts. For information call (506) 858-4121 or fax (506) 858-4489.

(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

October 3: Colleen Gibson, oboe, Jeff Gibson, french horn, Joy Fahrenbruck, piano, **October 17:** Allan Bevan, organ (Wesley United Church), **October 31:** Alexander Tselyakov, piano, **November 14:** Erika Raum, violin; Heather Morrison piano, **November 28:** Harold Wevers, bassoon, Joy Fahrenbruck, piano.

For tickets and information call:

343-8787

LAKEHEAD UNIVERSITY

POOL SCHEDULE

(September 18 - December 1)

Monday and Wednesday
11:30 am to 1:30 pm; 2:30 pm to 4:00 pm
Tuesday and Thursday
8:00 am to 9:30 am; 2:30 pm to 4:00 pm
Friday
8:00 am to 9:30 am; 11:30 am to 1:30 pm; 2:30 pm to 4:00 pm
Saturdays 1:00 pm to 2:30 pm
Sundays 2:00 pm to 3:30 pm **all evenings**
7:00 pm to 8:30 pm **Thanksgiving Schedule**
Closed all day -- Saturday, October 7 and Monday, October 9. Open Sunday October 8 2:00 to 3:30 pm only.

**DEADLINE
FOR THE OCTOBER ISSUE OF THE
AGORA
OCTOBER 2, 1995**

❑ **The Faculty of Business Administration** is planning a workshop on Business Etiquette this fall. Details will be printed in the October issue of the *Agora*.

CHANCELLOR PATERSON LIBRARY HOURS

Mon. to Thursday	8:00 am to 11:30 pm
Friday	8:00 am to 8:00 pm
Saturday	10:00 am to 6:00 pm
Sunday	12:00 noon to 9:00 pm

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.

Director of External Relations:
Joy Himmelman
Publications Officer: Frances Harding
Communications/Special Events Officer:
Denise Bruley
Secretary: Betty Hygaard
Photography: Peter Puna and Staff
Graphics: Ben Kaminski
Printing: LU Print Shop

Submissions of interest to the University community are welcome. Send them to:
The Editor, *Agora*
Lakehead University
955 Oliver Road
Thunder Bay, Ontario
P7B 5E1
Telephone: (807) 343-8300
FAX: (807) 343-8999
E-mail: frances.harding@lakeheadu.ca

CD Trojan
Devel. & Alumni Affairs

First Class
Premiere
Class