

LAKEHEAD UNIVERSITY
AGORA

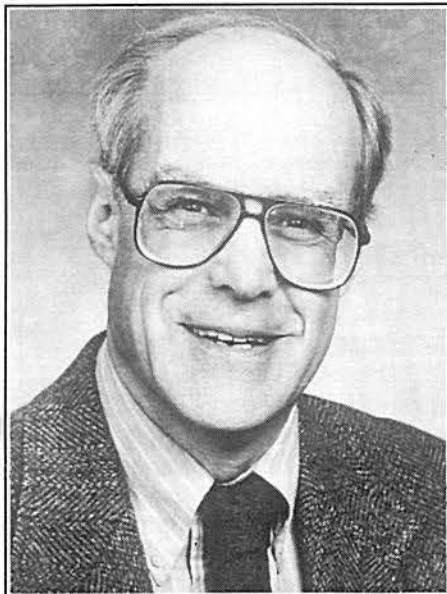
Thunder Bay

Ontario, Canada

Volume 10, Number 2

February 1993

PROFESSOR BILL HEATH NAMED DISTINGUISHED INSTRUCTOR



Bill Heath was born and educated in the United States but this year celebrates his 20-year anniversary at Lakehead University in Thunder Bay. Born in New York, Heath earned his BA at Bowdoin College in Maine and completed his MA and PhD at the University of Minnesota. His first teaching assignment was at Marietta College in Ohio and naturally, there's a good story about how he came to be north of Superior. "I answered an advertisement, received a phone call from George Merrill inviting me to come for an interview, jumped on 5 different planes and 6 hours later was in Thunder Bay" he recalls. "I was impressed because there was a graduate program and I recognized the opportunity to broaden my teaching interests." He remembers being told that weekend in February 1973, that the "arts centre" would definitely be built within two years. Heath, the teacher and music lover who missed Minnesota, answered the

alluring call of the North and took the offer. That arts centre took another dozen years but he never looked back. The American literature scholar, threw his heart and energy into the department, the university, the graduate students, tackling Shakespeare and literary criticism when Emerson and Frost needed a rest.

Professor Heath served as Chair of the Senate Research Committee (70's) was Chair of the English Department from 1983 to 1986 and admits to having been involved in most facets of the University. "I'm lucky to teach with many distinguished instructors in the Department. I believe we have a reputation as a good "teaching" department. Since teaching is the big pay off for me, I consciously decided to do less writing and concentrate on what I do best." Heath is the Coordinator of Graduate Students and says its a duty he enjoys. "I'm very proud of our graduate students." Bill Heath's idea of a good sabbatical may come as a bit of a surprise; he's only taken one and he stayed home and read the complete works of Emily Dickinson (yes, all 1700 plus poems in chronological order!). His upcoming sabbatical may include travel but he's taking Thoreau.

Referring to the award, Heath argues "I'm incredibly lucky. As a teacher, I am already doing what I love. And just being nominated for the award is an honour. To be nominated by students demonstrates respect and trust which is the highest accolade a teacher can receive."

When not preparing for class, Bill Heath may be heard singing with the Thunder Bay Symphony Chorus, preparing for the gardening season or curled up with a good book. "I'm reading 'Wild Swans' by Jung Chang right now - fabulous."

Excerpts from Dr. Heath's address page 10



Needs a caption. The writer with the best cutline for this campus photograph will win a pair of tickets to the Thunder Bay Symphony concert 'Carmen' on April 3.

DISTINGUISHED RESEARCHER LECTURE

by

Dr. Neil Weir

Department of Chemistry

Thursday, March 11

4:30 pm

Upper Lecture Theatre

**"Why Study the Photo-Processes
of Big Molecules?"**

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Super Ministry

The Bob Rae Government has moved to establish a super Ministry of Education and Training. The new Ministry will encompass the former Ministries of Education, Skills Development, and Colleges and Universities. With one Deputy Minister (Charles Pascal, OISE, President, Sir Sandford Fleming College, Chair, Council of Regents and, most recently, DM at COMSOC), it is anticipated that the structure of the Ministry will be amalgamated, perhaps on an integrated lifelong learning concept. With a dual focus on both Education and Training, I see the new structure as perhaps at last allowing the universities a window on the advanced training needs for the Province and a more significant role for the universities in the economic renewal agenda. Time will tell, but the opportunities may be there.

Major Research Proposal

Lakehead University has suggested to the Provincial Government the establishment at Lakehead University of a major Centre for Forest Environmental and Economic Research. In the first few years, this Centre would focus on the AOX issue and would form an "Ontario" based centre of excellence in this area. Funding would be provided by both Ontario and the forest industry. To date, support for the concept has been given by various regional municipalities and municipal groups, and we await the formal reaction of the Ontario Government to the proposal. The Government is to allocate \$10 million for research on the AOX issue.

February 26 - Thank You Day

The Lakehead University community, particularly our faculty and staff, have responded well to the difficult challenges put to us during the past year. The institution has dealt with record enrolments, the incorporation of new facilities and programs into our work environment, a very successful Safety First Program, and an ever-demanding external environment. You should be proud of your individual participation, and February 26 is one way of saying "Thank You".

Campus Development

Using special targeted funding, several small projects are currently underway on campus. Renovations to the University Centre Theatre continue and work will start shortly on Braun Building improvements in the basement which will include tunnel access to the basement of the Braun building from the main tunnel system. As well, a new wet laboratory will be constructed for Anthropology.

Serious discussion continues with the Sisters of St. Joseph over the acquisition of the Avila Centre by Lakehead University. This current year, we have 27 students in Avila as an auxiliary residence, and the feedback has been excellent. If Avila is acquired by Lakehead University, it will be operated as a residence under the direction of Grant Walsh.

Fall 1993 Application Data

The early numbers are in, and the results speak well for Lakehead University. From the direct entry high school pool, the system is up 2.9% while Lakehead University is up over 18%!

On a more sobering note, the advanced standing applications are down about 15%.

Overall, first year applications are up of the order of 12%.

Teaching

Each term, formal teaching evaluations are carried out in each course. Individual Faculty members use this feedback for a variety of purposes including use at the time of promotion, tenure and renewal. I would like to take this opportunity to remind Lakehead University Faculty members that, if you have concerns related to any aspect of your teaching, please do ask for help. The Office of Instructional Development is there to help you on a confidential basis and, as well, take the opportunity to seek out input from your Dean, Chair and/or Director. Experience indicates that individuals who have concerns and who seek out help achieve enhanced satisfaction from their teaching. The help is there for the asking. It is confidential, voluntary and, best of all, free.

A Great Aboriginal Visionary Passes

On February 3, 1993, at the age of 45, Dennis Cromarty died suddenly. Dennis had served as both Grand Chief of the Nishnawbe-Aski Nation and as C.E.O. of the N.A.N. Development Fund. As well, he was N.A.N.'s Chief Negotiator on a variety of self-government initiatives. Dennis was a visionary who, at an early age, became involved with the Company of Young Canadians. He was one of the first (if not the first) Native graduate of Lakehead University in 1973. While at Lakehead University, Dennis studied Political Studies and Economics. He was a patient and understanding individual



continued on page 11



Dr. Bob Rosehart receives an installment cheque from (left to right) J. Paul Mathieson, District Manager, Operations, Manitoba and Tom Switzer, Terminal Superintendent, Thunder Bay both of CN Rail. The cheque was part of CN's \$25,000 commitment to the Share Our Northern Vision Campaign.

\$290,000 from Management Accountants to School of Business Administration



The School of Business Administration at Lakehead University has received \$290,000 from the Society of Management Accountants of Ontario. The five year Share Our Northern Vision Campaign commitment includes \$135,000 for a new micro computer user laboratory, with the remaining sum going towards various activities within the operation of the School. Representatives from the Society of Management Accountants, Bob Dye and Doreen Wilson (bottom right) right were on campus to open the lab. President Rosehart and Jim Rapino, Dean of the School of Business at Confederation College are seated next to them. Standing left to right, Professor Richard Glew, Nancy MacGillvray, President, Thunder Bay Chapter, Mel Zobatar, Past President and Professor Ken Hartviksen, Director of the School of Business Administration.

March 16 - It's March Break and we want everyone on campus for The Northern American Ski Championships - children can cross country ski (free) or swim in the pool and then join in the Opening Ceremonies and sprints races on CAMPUS beside the Fieldhouse - enjoy the Trade show in Agora

Chili Anyone?

Lakehead University entered two teams in the Thunder Bay Chamber of Commerce Chili Challenge - the 'warming' event of the city's Winter Carnival! The Alumni team's "CNR Bouja" was invented by Supreme Chef Ben Kaminski. Back row cooks left to right, Brian Kytlor, Janice Anderson, Ben Kaminski and Jack Christy. The LU team with LULU's Best included left to right, Chief Cook Norma Gibson, Terry Rath, Aline Bresele, and Denise Bruley. Although neither team won best chili honours, their secret ingredients (Alumni's BBQ sirloin and LU's red wine) kept the judges coming back for "just one more taste."



**Electric Vehicles
The car of the future?**

Bill Adams, Director of the Electrochemical Science and Technology Centre from the University of Ottawa was on campus to discuss the possibility of widespread manufacturing and use of electric vehicles in the near future.

Adams strongly believes that electric cars should be the car of the future in Canada and he calls for the implementation of tax breaks for people who want to own one.

Researchers from Lakehead University's School of Engineering, professors Sabah Mansour and Seimer Tsang, will be conducting research on EVs in the North as part of Thunder Bay Hydro's Planning for the Future.

Electric cars were invented in 1901, but problems with the limited range between recharging, the time it takes to recharge and the fact that "power filling stations" aren't readily available have discouraged the EV option for consumers. Bill Adams says that all of these problems can be easily fixed. "If more people buy EVs, the demand for solutions to these problems will springload people to action." Big time auto makers are investing more time and money into researching electrical cars and batteries. "There was no cost-benefit for companies to invest in the electric car before, but that has changed with the passing of the Clean Air Act in California in 1990." 10 percent of all cars must have zero emissions by the year 2003.

WHAT'S HAPPENING IN THE LIBRARY

REFERENCE AND INFORMATION SERVICES

At the Chancellor Paterson Library a number of services are available through the Reference and Information Services Department. The following is a list of some of the services available and who to contact to find out more about these services:

LIBRARY INSTRUCTION

Arrangements can be made for individual or group sessions. Provides orientation to and instruction in the use of library resources. Call 343-8147 for more information.

COMPUTERIZED AND CDROM SEARCH SERVICES

Offers customized online searching of indexes and abstracts and makes available the searching of indexes on compact disc via microcomputer. Call 343-8129 for more information.

INTERLIBRARY LOANS

Provides resources from other libraries that are not available at the Lakehead University Library. Call 343-8135 for more information.

Thunder Bay Historical Museum, Lakehead University and *Papers & Records*

The latest edition of the Thunder Bay Historical Museum Society's *Papers & Records* was released recently. It is of note that every author in the edition had some connection with Lakehead University. Jeff Sumner, Rob Neff and Elinor Barr are all graduates. Dr. Livio DiMatteo is an Assistant Professor of Economics and Cindy Danton is a student.

Papers & Records, Vol. XX (1992) is available at the museum and in bookstores for \$5.00.

Articles:

"World War II German POW's in Northwestern Ontario" by Jeff Sumner

"The Good Doctor. The Life of Thomas Stuart Trill Smellie" by Rob Neff

"Finland to Lappe, Ontario: Selma Lamppu Hynna (1905-1991) by Cindy Danton

"Evidence on Lakehead Economic Activity from the Fort William Building Permit Registers, 1907-1969" by Livio DiMatteo

"Swedes at the Lakehead 1900-1930" by Elinor Barr

MARCH BREAK TREAT

CELEBRATE THE NORTH AMERICAN CHAMPIONSHIPS

Free on campus cross-country skiing and swimming (Fieldhouse) for children of University employees (it's always free for staff)

Tuesday, March 16 From 11:30 - 2:30

Also don't forget that LIBRARY ASSISTANCE is available at the Information Desk on the main floor of the Chancellor Paterson Library. Whether you need an address, population information, or require more in-depth information, reference librarians are trained to understand your question, suggest sources to be consulted, and instruct you in their use.

Please don't hesitate to come to the Information Desk or call 343-8302 if you need any type of assistance.

INFORMATION DESK HOURS

Monday to Thursday	8:30 am to 9:00 pm
Friday	8:30 am to 5:00 pm
Saturday	12:00 pm to 4:00 pm
Sunday	1:00 pm to 5:00 pm



ATTENTION POETS

The National Library of Poetry in Owings Mills, Maryland, has announced that \$12,000 in prizes will be awarded this year to over 250 poets in the North American Open Poetry Contest. The deadline for the contest is March 31, 1993. The contest is open to everyone and entry is FREE.

Any poet, whether previously published or not, can be a winner. Every poem entered also has a chance to be published in a deluxe, hardbound anthology.

To enter, send one original poem, any subject and any style, to the National Library of Poetry, 11419 Cronridge Dr., P.O. Box 704-XE, Owings Mills, MD 21117. The poem should be no more than 20 lines, and the poet's name and address should appear on the top of the page. Entries must be postmarked by March 31, 1993. A new contest opens April 1.

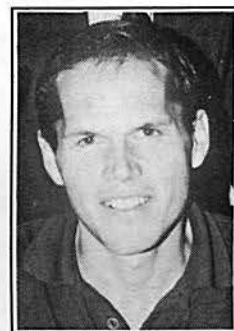
NEWHOUSE CAPTURES CANADIAN TRACK TITLE

Ian Newhouse, representing the Lakehead University Athletics Club, won the 800 metre event at the Canadian Indoor Track & Field Championships held in Winnipeg, Feb. 19 - 21.

Newhouse, who led from start to finish, posted a winning time of 1 minute 52.84 seconds. This was just 2/100ths of a second ahead of the runner up, Sasha Smiljanic of British Columbia.

This is the first Canadian 800 meter indoor title for Newhouse, who has represented this country in numerous international events, including the Olympics in 1980 and 1984.

Dr. Newhouse is a faculty member in the School of Physical Education and Athletics at Lakehead University and is the head Coach of the university track and field club. CONGRATS!

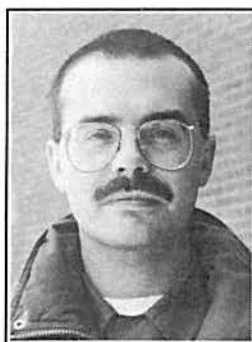


RANDY REGULAR

Randy has joined the Department of Mathematics as a computer consultant. The position also involves troubleshooting and computer services liaison for the faculty.

Originally from St. John's, Newfoundland, Randy moved to Thunder Bay in September '91. He received his Bachelor of Science degree in Computer Science from Memorial University and earned a position after graduation as computer technical support for Apple Products. Since moving to Thunder Bay Randy has taught computer courses at a local computer firm and worked part-time at McKellar Hospital on a centralized database that will identify hospital bed availability across the city. His current project at the University involves programming the solutions for the Junior and Senior High School Computer Science contest held on campus in May. In his spare time Randy is an officer with the Canadian Armed Forces Reserve.

Tel. ext. 8218. Randy is of course on E-Mail. You can welcome him at RREGULAR@THUNDER.LakeheadU.CA



JILL OTTO

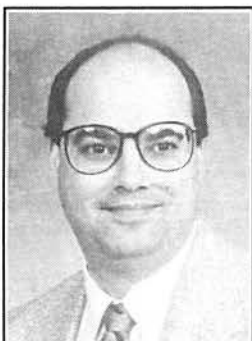
Jill Otto recently joined the Department of Library and Information Studies as a Library Technologist/Secretary. "My job entails two aspects - library capabilities are needed, i.e. cataloging, reference work and budgeting - as well as secretarial." From Thunder Bay, Jill is a recent graduate of the Library Technology Program at Lakehead University ('92) and is completing her Bachelor of Arts degree, expecting to graduate at May '93

Convocation. "My plans are to eventually receive an Honours degree in English". Jill has worked for the Thunder Bay Public Library system on the supply list as well as spending the past two summers as a technician conducting children's programming. "Ideally, I would like to be a children's technician, that's what I'm most comfortable with." When she is not at work, Jill looks forward to spending time with her two children as well as "reading anything I can get my hands on". She sings in her church folk group and stays active dancing and cross-country skiing. Tel. ext 8420 Fax. 8007.



MURRAY COHEN

Murray Cohen is the Acting Co-ordinator of the Native Access Program for Engineering. He has a long history of working in education and with Native people. Murray received his Bachelor of Science, Bachelor of Education and Masters of Education degrees, specializing in Mathematics, from the University of Manitoba. He taught math for Adult Education programs in Winnipeg for 10 years. He also taught high school students in Houston, Texas, finding the one year experience in a ghetto school "a challenge". Murray became involved six years ago in the first Canadian Native Access Program for Engineering, at the University of Manitoba. The program, after which the Lakehead University one is modelled, provides one-year upgrading courses to native students to prepare them for entry into the mainstream Engineering program. "The program at Lakehead was developed by the School of Engineering by Dr. Gary Locker and a diverse committee of aboriginal people." In addition to his co-ordinator responsibilities, Murray teaches mathematics in the program. He recently organized NAPE's acceptance into the American Indian Science and Engineering Society. A professional society, LU's membership in AISES is only the second in Canada. In his leisure time, Murray enjoys travelling and playing strategic games like chess. Tel. ext. 7712 Fax. 8013.

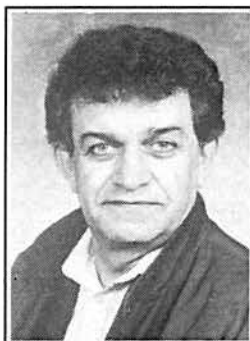


NEW APPOINTMENT ANNOUNCED

Walter Trutenko

Walter Trutenko was recently appointed Manager of Operations for Campus Development. "Technically it's a new position because the responsibilities have changed", said Trutenko. "They have combined the duties of the Manager of Operations with the Manager of Electrical Maintenance. It certainly makes the days, the nights and the weekends go by fast", he chuckled. In his new position, Trutenko looks after the distribution of all utilities on campus

and the operation of the powerhouse. Trutenko holds a First Class Stationary Engineer's Licence, a Gas Fitter's Licence and a Engineering Technology Diploma. He will celebrate his 20th year at Lakehead University this summer. "I started in the powerhouse as a shift engineer and worked my way up into management." Until his appointment, Trutenko was the Manager of Electrical and Mechanical Maintenance. Recently he and Jacky Johnston (the voice at the end of the phone answering requests for maintenance) relocated to the Powerhouse for a more streamlined approach. "We're all together now", said Trutenko. He looks forward to providing an environment that is both conducive to work and to learning. Telephone remains the same: ext. 8404. Jacky Johnston: ext. 8273. Fax. 8938.



LAKEHEAD'S HERBARIUM: OPEN HOUSE CELEBRATES SIXTY YEARS OF COLLECTING

by Joan Crowe, Acting Curator

The Claude Garton Herbarium at Lakehead University had its origins in Claude's personal collection of pressed plants which he started in 1993. The number of specimens was quite small (around 2000) until after World War II, but from 1954 onwards he collected more intensively. By the time he retired from his position as principal of Current River School (now Claude E. Garton School) in 1967, his collection had increased to approximately 10,000. At that time, Doug Lindsay (Chairman of the Biology Department) arranged that Claude should donate his herbarium to the university and accompany it as Curator—a position he still holds. Many of us can remember Claude busy with his plants in his own little corner of the Braun Building. When the Biology and Forestry Departments moved into the Centennial Building in 1969, Claude accompanied them and the herbarium was set up on the third floor opposite the double elevator (CB 3027). Every spring he would embark on one of his many collecting trips. Whether to Greenwood Lake, Pukaskwa or the islands of Lake Nipigon, over the years Claude assisted many agencies in assessing the natural vegetation of their chosen area. He always reappeared every fall in time for Forestry Field School.

Claude finally ceased actively running the herbarium in May 1990. At that point, the specimens numbered about 97,000, Claude's personal collection being just over 24,000. The remainder had been collected by dedicated amateurs such as Eva Beckett and Walter and Marg Hartley; by professors and students in the Biology and Forestry Departments or by exchange of replicate specimens with other institutions. Over the years Claude made many botanical connections in Canada, the U.S.A., Finland, and even as far afield as India and the southern hemisphere, resulting in holdings from all these areas. Through exchanges, particularly with the University of Toronto and the Fowler Herbarium at Queen's University, we have also acquired specimens dating back to the mid-nineteenth century. There are even several collected by the famous Canadian botanist John Macoun, who, curiously enough, also started his professional life as a schoolmaster. The obverse of these exchanges is that plants collected and prepared by Claude are spread all over the world and he is rightly renowned for the high quality of his specimens. There is more to preparing a good herbarium specimen than simply picking it and stuffing it into a plastic bag. Pressing, drying and mounting were brought to a fine art by Claude, a tradition which we are trying to follow today.

One other unique feature of our collection is that it has a good representation of non-flowering plants, not only ferns and

fern allies but also bryophytes and lichens. As the latter are good indicators of environmental health, this section may become increasingly important in future environmental assessments.

The herbarium is now run by the Acting Curator under the guidance of a committee drawn from the Biology and Forestry Departments. As space is limited, exchanges are being restricted to specimens from Ontario, north and west of Lake Superior. Regular opening hours and proper supervision are beginning to draw students back and the herbarium is being used extensively in the summer by personnel from agencies such as the Ministry of Natural Resources and the Conservation Authority. Those involved would like to see the herbarium extend its role as a clearing house for botanical information regarding this area.

Funding is very limited, although a grant has permitted a student to be hired every summer to date. Volunteer help, particularly from the Thunder Bay Field Naturalists, is invaluable. A joint collecting project with them has been in progress for two

years and they have been actively involved in a new version of *The Checklist of Vascular Plants of Thunder Bay District* which was last revised by Claude in 1984. Students participating in recent Botany courses have made useful contributions to the collections. The most important project at present is the recording of all label information in a data base, in order that this valuable record of distribution and habitat will be more readily available. Eventually it will be possible to produce computerized distribution maps. The process has begun but, in order to make real progress, extra staff will be required. The on-going business of fielding inquiries, helping students and maintaining collections takes up most of the time of the summer assistant and the acting curator. We are starting to use high school Co-op students but their expertise is necessarily limited and what is really needed is a substantial one-time grant to enable us to complete the data base. We also need a team of volunteers who are sufficiently interested in Botany to devote some time to becoming expert in one group of plants: for example,

grasses or sedges. Even more important a specialist in bryophytes and lichens would be invaluable. There is a long and honourable history of amateur involvement in Botany and one of the best examples of that is Claude. It can be said with confidence that, after sixty years, the Claude Garton Herbarium is alive and well with acquisition numbers close to 100,000.

It was an honour to have its founder on campus with us for the Open House.



Left, Terri McClymont, assistant and Joan Crowe, acting curator, with guest of honour, Claude Garton.

RESEARCH NEWS

CONTACT NUMBERS:

Director: Dr. Connie Nelson	ext. 8793
Research Officer: Anne Klymenko	ext. 8223
Special Projects Officer: Kelly Morris	ext. 8939
Graduate Studies Assistant: Lynn Gollat	ext. 8785
Research Secretary: Lynn Wilson	ext. 8283

FEBRUARY 1993

Nurse Researchers release analysis of the Cardiovascular portion of the Ontario Health Survey - *Northwestern Ontario results cause for concern*

Professors from the School of Nursing were awarded a \$25,000 research grant from the Ministry of Health to analyze the Ontario Health Survey from a Cardiovascular Perspective

Darlene Steven and Rhonda-Kirk Gardner announced the results at a media conference on February 13. Their report addressed the prevalence and distribution patterns of cardiovascular risk factors based on data from 43,954 residents of Ontario aged 18 years and older.

Risk factors for cardiovascular disease are widespread in the Ontario populations but results for the Thunder Bay District revealed statistics higher than the provincial average for high blood pressure, perception of high stress, heart disease, obesity and smoking. As cardiovascular disease is a major cause of illness, disability and death in Canada, approximately 41% of all deaths are attributed to it. Research has demonstrated that the adoption of healthier lifestyles has the potential to reduce or prevent the incidence of morbidity and death.

Most risk factors are amenable to change. These include smoking, abnormal blood cholesterol, high blood pressure, diabetes, obesity, inactivity and stress. Risk factors which cannot be modified include age, sex (being male) and family history.

There were some interesting responses to the questionnaire. Approximately 85% planned to do something over the next year to improve their health. And yet the survey indicates that cocaine use is

increasing and dietary intake of fat and cholesterol is higher among younger age groups. Despite increased funding directed at anti-smoking campaigns and responsible drinking in moderation, the prevalence rates continue to be high and the majority of residents who drink and smoke do not fully believe that these behaviours will lead to health problems.

Of the 43 public health districts studied, some startling differences in the risk factors were noticed. Porcupine District had the highest prevalence of smoking (41.8%) and the second highest prevalence of heavy smoking (18.2%). The highest rate of heavy smoking was found in the Essex/Windsor district (21.7%). Ottawa/Careleton and the York Region experienced the highest levels of reported stress (both over 60%). The highest prevalence of BMI's (body mass index) over 27 were found in Porcupine, Northwestern, and Renfrew. Stevens and Kirk-Gardner told reporters that in the Thunder Bay District, perception of stress and lack of activity were cause for concern, especially because people can "do something" about both risk factors.

Another project coordinated by Stevens and Kirk-Gardner is a working model of one of their recommendations. The "Healthy Heart Promotion Program" is a cooperative community effort by Lakehead University, the Thunder Bay District Health Unit and the Heart and Stroke Foundation of Ontario.



Dr. Darlene Steven



Professor Rhonda Kirk-Gardiner

Funded by the Ontario Ministry of Health, the \$100,000 program promotes community awareness of the risk factors associated with heart disease. This education and prevention approach is aimed at helping people reduce their risk factors. The "Coronary Risk Report" provides individual assessment of risk as well as suggestions on way to promote cardiac health through lifestyle changes.

The program is offered free to any group (minimum ten) and encourages meetings in the work place or home. For further information contact any of the agency partners.

Survey Highlights

- . one-quarter of the population of Ontario are smokers and the prevalence of heavy smoking is increasing
- . one-quarter of the population of Ontario is overweight
- . three-quarters of the population is inactive
- . one-quarter of the population consume more than seven alcoholic beverages per week
- . of every 100 residents of Ontario, four have heart disease, ten have hypertension, three have circulatory disease and three have diabetes

GRANTS AND CONTRACTS AWARDED

LAKEHEAD UNIVERSITY AWARDED FORESTRY CANADA NODA CONTRACTS WORTH \$570,000

In 1992, Forestry Canada entered into the Canada-Ontario Northern Ontario Development Agreement (NODA) with the Province of Ontario. An objective of NODA is to support applied forestry research by government and non-government organizations and to assist the forestry sector through studies related to applied research; technology development and transfer and decision support tools. Lakehead University is pleased to announce that approximately \$570,000 (over the next three years) has been awarded to the following researchers:

Dr. Peter Duinker, School of Forestry to undertake a research project entitled, "Sustainable Development Indicators for the Forest Resources of Ontario". Dr. Duinker states, "If we are to achieve sustainable development of forest resources, forest managers will require a broad base of environmental information from which to make sound integrated resource-management decisions. Indicators can provide a significant source of this information on the forest resource in the form of quantitative data relevant to sustainable forestry characteristics".

Dr. Azim Mallik, Department of Biology to undertake a research project entitled, "Efficacy of Release Treatments on Regeneration Strategies of Major Competing Species of Northwestern Ontario". Little is known about how the major competing species of Northwestern Ontario respond to various release treatments. Dr. Mallik feels that "understanding pre- and post-treatment regeneration ability and population dynamics of competing species would help explain the vegetation processes observed in the field following release treatments, and have practical implications for vegetation control strategies".

Dr. Bill Parker, School of Forestry to undertake a research project entitled, "Seed Zone Delineation for Jack Pine in the Ontario Northwest Region by Short-term Testing and Geographic Information Systems". The goals of the project are to: improve our knowledge of adaptive variation of jack pine for the Northwest Region of Ontario; to use this knowledge to refine the existing pattern of seed zones for the region; and to develop a rapid operational method of site-specific seed source selection based upon Geographic Information Systems (GIS) techniques.

RESEARCH OPPORTUNITIES

NSERC Strategic Grants

The objective of the Strategic Grants Program is to promote and accelerate targeted research in selected fields of national importance. More specifically, it is the intent of the program to

enable university researchers to increase their contributions towards the understanding and solution of problems in these fields and to train highly qualified personnel.

How are Strategic Grants different from operating grants...

- Strategic grant funds are focused on priority research areas;
- Funding is provided in support of relatively short-term, specific-duration research projects with clearly defined objectives;
- Strategic grants require close adherence to the specified research objectives of the project;
- Strategic research projects must respond to the needs and opportunities outlined in the mission statement of one of the priority areas, and be justified in terms of potential socio-economic benefits to Canada;
- Multidisciplinary research and cooperation with industry and /or government is encouraged;
- Linkages to the user sector must be identified and results should ultimately be transferred to this sector.

What criteria is used for the evaluation of Strategic applications?

The criteria are:

- the socio-economic relevance of the project;
- the quality of the proposed research;
- the excellence of the applicant(s);
- the contribution to the training of highly qualified personnel.

To receive funding, an application must rank highly on all criteria.

What are the identified priority research areas?

Advanced Technologies

- Information Technology
- Biotechnology
- Industrial Materials, Products and Processes
- Manufacturing Systems
- Energy

Natural Resources

- Food, Agriculture and Aquaculture
- Forestry
- Mineral Resources
- Oceans and Inland Waters

Environmental Quality

New Directions

The "New Directions" area is provided as a special mechanism to support a small number of truly outstanding proposals on new and emerging science or engineering research topics of potential national importance. This area will only entertain those proposals meeting the above criteria and which fall outside of the scope of the ten identified strategic areas.

The deadline for submission of proposals has been changed this year to **April 15, 1993**. Should you have further questions regarding the NSERC Strategic Program, or if you would like to obtain guidelines and application forms, please do not hesitate to contact the Office of Research and Graduate Studies at ext. 8223

SSHRC NEWS

Aid to Occasional Scholarly Conferences in Canada

The objective of this program is to encourage and facilitate the communication of research among Canadian scholars through conferences, workshops, symposia and colloquia held in Canada. Grants are awarded in support of conferences with a defined theme, which are devoted to the study of aspects of a particular question. Support is offered to conference organizers to help defray administrative costs of organizing a conference, travel and subsistence of participants and publications of conference proceedings. **The deadlines for submission of proposals are: April 1, July 1, January 5.**

SSHRC Strengthening of Specialized Research Collections

The objective of this program is to increase the research capacity of Canadian universities through the strengthening of specialized research collections in the humanities and social sciences in Canada. The program is designed to support collections at an advanced level, in clearly defined fields which are tied to the current and long-term research interest and activities of faculty and graduate students. Grants are offered for one-, two-, or three-year periods. Up to \$50,000 per institution per year may be awarded. Interested applicants must inform the Chief Librarian of their intent to apply to this program to prevent multiple applications.

AUCC MICROFUND COMPETITION DELAYED

AUCC's Microfund Program awards travel grants to academics wishing to pursue institutional linkages with universities/government agencies in developing countries. They had planned to hold a Microfund competition in Mid-March, but have yet to negotiate the terms for administering the program with CIDA. Therefore, they have decided to delay the competition until further notice. Stay tuned! The Research Office will let all faculty know when the next deadline has been announced.

GRADUATE SCHOLARSHIP OPPORTUNITIES

Robert Andras Memorial Scholarship

Deadline: April 27 \$200

Awarded by the Thunder Bay Multicultural Association in honour of Robert Andras for his sensitivity to the Nation's immigration and multicultural policies and for his active and creative assistance to the Thunder Bay Multicultural Association in his capacity as member of parliament for Thunder Bay and as a Federal Cabinet Member. This scholarship is awarded annually to a returning, full-time student in a degree program who, as part of his/her studies has prepared the best thesis or major paper on multiculturalism or ethnic studies related themes, past or present. A copy of the aforementioned work is to be donated to the Thunder Bay Multicultural Association for its resource library. Application should be made in the form of a letter to the Department Chairman/Director.

The Dorothea Crittenden Essay Award In Studies of the Elderly

Deadline: April 27 2 x \$250

The Dorothea Crittenden Essay Award in Studies of the Elderly is offered to encourage students to engage in research regarding society's role in the changing needs of the elderly. Students registered full-time at Lakehead University in an undergraduate or graduate program in Psychology, Sociology, Social Work, or Nursing may enter the competition by submitting an essay on this topic. Application should be made in the form of a letter to the respective Department Chairman/Director.

Canada Mortgage and Housing Corporation Graduate Scholarships

Deadline: Early April

Scholarships are awarded by the Canada Mortgage and Housing Corporation for graduate studies in the social, economic, physical, technical, administrative and legal aspects of housing related to the housing environment. Application packages available in January in the Office of Research and Graduate Studies.

CMHC Graduate Scholarships for Masters Degree in Housing

Deadline: March 26 - up to \$14,000

Scholarships will be awarded for full-time graduate studies in various aspects of housing. Candidates successful in the 1003-94 competition for new awards will be eligible to apply for one scholarship renewal, where needed, to complete degree requirements.

Norman Barwin Scholarship

Deadline: April 1 \$2,500

The scholarship will be open to Canadian citizens or landed immigrants who are graduates of any recognized university, possess an Honours degree or its equivalent and intend to work for a higher degree in the field of reproductive health. This could include disciplines such as: biology; Canadian studies; education; history; medicine; political science; psychology; social work; sociology; and women's studies.

FOURTH ANNUAL GRADUATE STUDENT CONFERENCE

March 25-26, 1993 in the Senate Chambers

The purpose of the Conference is to: (1) give graduate students a public forum for presenting their research activities; (2) enhance awareness within the University community of the calibre and diversity of research being undertaken by graduate students; and (3) publicly acknowledge the efforts of faculty supervisors. All graduate students and faculty members are welcome to attend.

UPCOMING DEADLINE DATES

The Ontario Ministry of Health, has CANCELLED the upcoming May 1, 1993 Health Research Grants Program competition. They anticipate that the applications will be accepted for the November 1, 1993 competition.

NSERC Programs

Bilateral Exchange Program - March 1 and October 15
Forestry Postdoctoral Assistantships - June 1 and December 1.
University-Industry Research Partnerships Program - Open.
International Collaborative Research Grants - October 15 and March 1.
International Scientific Exchange Awards - October 15 and March 1.
Scientific Publication Grants - April 15 and October 1.
Strategic Grants - April 15.

SSHRC Programs

Aid to Occasional Scholarly Conferences in Canada - July 1, November 1, April 1.
Strategic Partnership Development Grants - November 1, January 15, April 15.
Strengthening of Specialized Research Collection - April 1.
International Summer Institutes Program - April 1.

OTHER RESEARCH PROGRAMS

Canadian Studies and Special Projects Directorate 1993-94 (April 1, 1993 and November 1, 1993).
Corporate Higher Education Forum Awards - March 1, 1993.
Educational Centre for Aging and Health; Fellowships/Bursaries - January 1, April 1, July 1, October 1.
Health and Welfare Canada/MRC - AIDS Research Program - March 15 and September 15; **Joint Fellowships for AIDS Postdoctoral Fellowships** - April 1 and November 15.
Health and Welfare Canada: NHRDP - Deadline changed to October 1, 1993, but NHRDP will also accept applications from June 1st onward to accommodate applicants who found the earlier date more convenient; **Career Awards** - July 31, 1993; **Conferences and Workshops** - six months prior to the event.
NATO CCMS Fellowships - Research Related to the Natural and Social Environment - February 28, 1993.
National Research Council - Laboratories Research Associateships - Open.
NORTOP, Ministry of Northern Development and Mines - March 26, 1993.
Ontario Centre for Materials Research - Faculty Renewal Award Program - April 1, 1993.
Ontario Ministry of Health - Nursing Innovation Fund - January 1, May 1, September 1; **Health Research Grants** (May 1, 1993 cancelled!, November 1, 1993), **Feasibility Studies** (Open), **Formulation Grants** (Open), **Information Studies** (May 1 and November 1), **Workshops and Conferences** (Open).
Organization of American States - PRA Fellowships - March 1, 1993.

Pediatric AIDS Foundation/American Foundation for Aids Research - January 12, 1993.
Royal Bank Award 1993 - February 28, 1993.
Secretary of State: Canadian Studies Directorate - Open.
SEED Wage Subsidy Program - March 12, 1993.
SHASTRI Indo-Canadian Institute: Collaborative Research Program in the Social Sciences and the Humanities - (Letter of Intent) - March 31, 1993.
Supply and Services Canada: Environmental Innovation Program - Open.
United States Embassy Grants in American Studies - September 1, 1993.
Wildlife Habitat Canada - Habitat Conservation, Restoration and Enhancement Projects (March 15 and September 15); **Communication and Education Projects** (March 15 and September 15); **Research Projects** (March 1).
World Wildlife Fund (Wildlife Toxicology Research Program) - November 15 and April 15.

GRADUATE SCHOLARSHIP OPPORTUNITIES

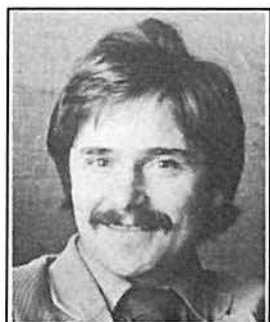
Government of Canada Awards - Deadlines vary by country
CIDA Young Researchers Award - Open
CIDA Awards for Canadians - February 15 and September 8

1993-94 Internal Graduate Scholarships - 30 March 1993
Abitibi Price Inc. Graduate Fellowship and C.J. Saunders Graduate Scholarship (1 @ \$1,800)
Alumni Association Silver Jubilee Graduate Scholarship (2 @ \$800)
Harold S. Braun Memorial Graduate Scholarship (1 @ \$600)
Lakehead University Graduate Scholarship (8 @ \$1,200)
1993-94 Ontario Graduate Scholarship Program "Institutional" Competition (\$3,953/term - 92/93 rate)

Wildlife Habitat Canada Graduate Scholarship Awards - March 1, 1993

The Office of Research and Graduate Studies, in conjunction with the Office of Information Services, is asking all faculty to share interesting research stories to feature in the RESEARCH NEWS. We would like to hear from you if you are currently involved in innovative research, have attended an interesting conference, are collaborating with industry or the community or if you would just would like to profile your research expertise. RESEARCH NEWS enjoys an audience of approximately 2000 and can be a valuable vehicle for communicating your research endeavours to the community at large.

For further research information call Anne Klymenko at ext. 8223 or drop by the Office of Research and Graduate Studies. For information about Foundations, call Jo-Anne Silverman, Foundations Officer at ext. 8910 or drop by Alumni House.



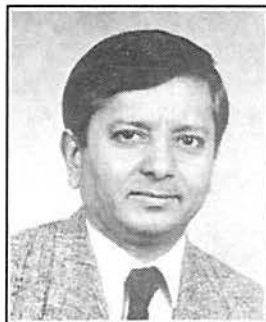
Dr. El Molto, Department of Anthropology, presented a seminar entitled "Comparative Paleoepidemiology of Desert Isolates from the Dakhleh, Egypt, and the Cape Region of Baja, California, Mexico." The Anthropology seminars took place on January 15, 1993 at the University of Minnesota, Duluth. These seminars were co-sponsored by the Sociology-Anthropology

Department, the Archaeometry Lab and the Paleobiology Lab of UMD.

Dr. H.T. Saliba, Associate Professor, Department of Mechanical Engineering, attended the third Pan-American Congress of Applied Mechanics that took place in Sao Paulo, Brazil from January 4-8, 1993, where he was invited to speak on the topic of "Science and Technology Policies in the Americas". He also presented a technical paper entitled "A Simplified and Highly Accurate Approach to the Free Vibration Analysis of Right Angle Triangular Plates", and chaired a technical session on the topic of nonlinear vibrations.



Dr. Harun Rasid, Professor & Chair, Department of Geography has recently published the following article: "Poldering vs compartmentalization: the choice of flood control techniques in Bangladesh" in *Environmental Management*, Vol.17(1), pages 59-71. The article was co-authored with Dr. Azim Mallik, Department of Biology.

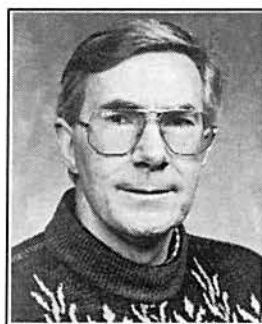
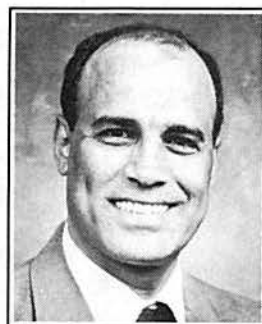


Dr. K.C. Yang, School of Forestry, has recently published two refereed papers with his colleagues. The first paper is co-authored with Dr. T. Hazenberg and entitled "Impact of spacing on sapwood and heartwood thickness in *Picea mariana* (Mill.) B.S.P. and *Picea glauca* (Moench) Voss", *Wood and Fiber Sci.* 24(3):330-336. The second paper is co-authored with Dr. H.G. Murchison and entitled "Sapwood thickness in *Pinus contorta* var. *latifolia*", *Can. J. For. Res.* 22:2004-2006.



Dr. Said M. Easa, Professor of Civil Engineering, authored the following articles: "Reliability-based design of Intergreen Interval at Traffic Signals", *Journal of Transportation Engineering*, American Society of Civil Engineers (ASCE), Vol. 119, No. 2, 1993 and "Normal Depth Calculations in Complex Channels: Discussion", *Journal of Irrigation and Drainage Engineering*, ASCE, Vol.118, No. 5, 1992. Dr.

Easa also presented a paper entitled "Geometric and Sight Distance Characteristics of Highway Reverse Curves" at the Annual Conference of the Transportation Research Board, held in Washington, D.C., January 10-14, 1993.



Dr. Brian Phillips, Associate Professor, Department of Geography, has published the article "A Time-Space Model for the Distribution of Shoreline Archaeological Sites in the Lake Superior Basin", in the forthcoming issue of the *International Journal of Geoarchaeology*, Vol.8, No.2, published by John Wiley and Sons. The product of several years of cumulative research experience

with the deglaciation history of the region, the author hopes that the predictive model will provide a guide for archaeological research planning and a framework upon which currently disparate archaeological site data around Lake Superior may be integrated.

As part of related field work, Dr. Phillips will be conducting a pilot study in selected state parks on the Minnesota north shore, in May-June, under the direction of Dr. George Rapp, Jr., Archaeometry Laboratory, University of Minnesota, Duluth, and funded by the Minnesota Department of Natural Resources, Parks Division. Aimed at linking geomorphic features and potential archaeological sites, the long term goals of the project are to develop interpretative narrative and field maps concerning the post-glacial history and archaeology of the State Parks on Lake Superior, for both site research and public education.

Conference on Aging and Health Care in Northwestern Ontario

April 29 - 30

Hosted by the Northern Educational Centre for Aging & Health
Speaker: Dr. Linda Teri, Dept. of Psychiatry & Behavioural Sciences at the Univ. of Washington School of Medicine and Director/Chief Psychologist at the Geriatric & Family Services Clinic at the University of Washington Medical Centre.

Topic: Gerontology Forum '93 - "Aging and Elder Care in Northwestern Ontario"

Place: Airlane Motor Hotel

Information: Health Sciences North at 343-2126.

The Lakehead University Alumni Association is actively supporting the Halliday Hall Fellowship Residence/Alumni House Capital campaign.

While Alumni support of LU has been very strong over the last few years our graduates have never had the opportunity to support a capital project - "bricks and mortar". Judging by the response to date, they are very willing to fund a new building on campus.

As part of the *Share Our Northern Vision* campaign, the Fellowship Residence will provide much needed residence space and will recognize the multicultural nature of our campus. In addition, ten percent of the rooms will be accessible to people with mobility impairments.

The other aspect of the project is a new Alumni House. Preliminary planning sessions have outlined a need for meeting rooms, a non-denominational chapel, volunteer and staff workspace, and a large common area/lounge. Having an Alumni facility near students will increase the awareness of the level of Alumni support that Lakehead enjoys. The students of today will be the Alumni supporters of our University in the future.

**AFTER ONLY NINE NIGHTS ON THE PHONE
NEARLY \$40,000 HAS BEEN RAISED IN GIFTS
AND PLEDGES.**

The Alumni Association has made an initial commitment of \$250,000 to be raised over the next five years. Four nights a week a rotating shift of twenty-five students call graduates and ask for their support. After only nine nights on the phone nearly \$40,000 has been raised in gifts and pledges. All of this is from people who have never before given to the University. As we have addresses for only 13,000 graduates this level of support is something of which we can be very proud.

The student callers are finding that most people have very fond memories of the University and that adequate on-campus housing is considered to be a worthwhile cause.

WHY WE NEED DONORS?

by JoAnne Silverman, Senior Development Officer

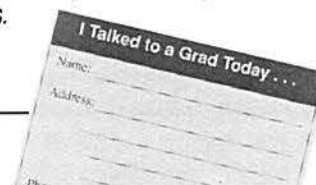
Saying "thank you" to donors reflects an appreciation by Lakehead University for the contributions we receive from our many supporters. Along with volunteers, donors are the life blood of our institution without which post-secondary education in Canada may become "elitist". While it may seem lavish, "donor recognition" is a necessary part of any successful campaign. You can, in fact, measure excellent results in proportion to the way the organization says "thank you", appropriately.

With larger institutions, particularly in the U.S.A., recognition often takes a more formal and sophisticated approach with gifts ranging from custom jewelry and sculptures to recognition wall units. While we try to emulate the credo that "recognition to be effective, needs to be personalized and creatively appropriate to individuals", this is not always possible. On our campus, one such recognition event is a reception, on March 4th, providing us with the opportunity to talk with the donors that



Alumna Marianne Wahl (BA '77) with Dr. Glen Carruthers, Chair of the Department of Music, hangs her donated calligraphy, inspired by Sister Alice Greer's invocation at the Opening of the Music and Visual Arts Centre, last October. A long-time Thunder Bay artist, Marianne is thinking of "becoming a student again" in the Department of Visual Arts.

Grad Pads



In an effort to identify many of our lost grads the Alumni Association has introduced "grad pads" (soon to be distributed throughout campus). If you are talking to a grad please take a moment to ask if they are on the mailing list for the Norwester and if they are staying in touch with other alumni. Forward the sheets via inter-office mail to Scott Fortnum, Manager, Alumni Services.

sustain our Awards Program. Many of these people have been connected to us over a long period of time. We have developed a relationship with them by having organizations as well as businesses donate large sums of money towards scholarships, bursaries and awards in order to help students receive a post-secondary education. We thank them appropriately and tell them about our students' tremendous needs for financial assistance and they "give". We thank them again. They appreciate this acknowledgement and thus the communication and contact continues. It is not a one-shot deal.

Not only is it common courtesy to thank those who give, but it is also the crucial link which leads to larger and larger future gifts. Normally, for every dollar received, a charitable institution spends 20 cents. At Lakehead this figure is significantly lower. In poor economic times where it might be conceivably harder to fundraise, we are finding incredible support. It is a sobering thought to realize that every step of the way our donors are individuals who enable Lakehead University to effectively carry out its important mission. Let us give thanks!

MEET THE NEW MINISTER OF EDUCATION AND TRAINING

Dave Cooke



Dave Cooke is Ontario's first Minister of Education and Training. The new ministry, created February 3, 1993, encompasses the former ministries of Education, Colleges and Universities, and Skills Development. He will also oversee the establishment of the Ontario Training and Adjustment Board.

Most recently, Mr. Cooke was responsible for three portfolios: Municipal Affairs, Government House

Leader's Office and Management Board of Cabinet.

Mr. Cooke was first appointed Minister of Housing and Minister of Municipal Affairs in October 1990, after 13 years as the MPP for Windsor-Riverside. First elected in 1977, Cooke served as the NDP's critic for health, treasury and housing during his years in Opposition. He also assumed the role of Official Opposition House Leader from 1987 to 1990.

Cooke received his Bachelor of Social Work degree from the University of Windsor in 1975. He sat on the local planning board, was elected to the Windsor Board of Education and served on a local recreational advisory committee. Cooke spent several years working for the Essex Children's Aid Society before his election to the provincial legislature.

NEWS FROM OCUFA

Ontario Professors Apprehensive about "Superministry"

Ontario faculty have welcomed Dave Cooke as the new Minister of Education and Training but have warned that higher education must not be neglected in the new superministry.

The Ontario Confederation of University Faculty Association (OCUFA), representing some 12,000 professors and academic librarians in the province, wrote to Cooke, congratulating him on his appointment.

"Mr. Cooke brings to his new portfolio a long history of political service and an interest in quality education," said OCUFA President Saul Ross. "We are eager to work with him to strengthen quality, accessibility and equity in the university system."

Ross expressed concern about the combining of former ministries of Education, Colleges and Universities, and Skills Development. "Our experience with previous 'superministries', in both the Bill Davis and David Peterson eras, was that critical initiatives in the university sector were often neglected," he said. "Universities play too vital a role, especially in economic recovery, to be placed on a political back burner."

OCUFA did express optimism that the integration of ministries could lead to more consistent policy direction. "We've been concerned lately that the policy push for increased equity and access in Education was being negated by restrictive policies in Colleges and Universities, such as increased user-fees and lower per-student public funding," said Ross.

DISTANT VOICES on TVOntario

Distant Voices is TVO's acclaimed weekly half-hour series focusing on the challenges and changes facing the north and its people. The unique series explores current and topical northern issues combined with pertinent and magnificent imagery from the north. The "storytellers" are poets and railroaders, psychologists and biologists, social activists, teachers, artists and entrepreneurs.

Tuesday, March 2 - 9:30 pm

Edward Connors' work with the Sacred Circle Program offers healing to 16 First Nations communities on behalf of Ojibway Tribal Family Services. His

work has been focused on the identification and implementation of healing approaches that will help reduce the high rate of suicide among Native adolescents. He talks about the lack of identity that has become a deep source of anguish over many generations of discrimination, and the healing which can be accomplished by a return to sacred traditions.

Tuesday, March 9 - 9:30 pm

Lucie Lavoie is a dedicated environmentalist and forester whose passion is the boreal forest. She says we have to change the exploitative practices that govern our relationship with the forest. It is a perspective that grew out of her own family heritage of living and working in the

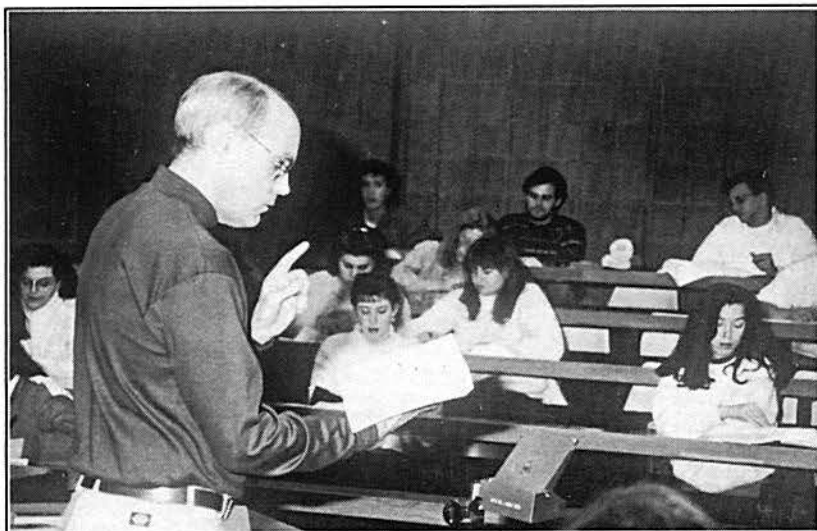
bush camps of Hearst, and her disheartening realization that the problems of the forest are largely political in nature.

Tuesday, March 16 - 9:30 pm

Jennifer Garrett is a Thunder Bay artist who is well known for her paintings, installations and music. Her paintings are centred on incidents of sexual abuse, shocking reminders that childhood trust is a fragile and easily-broken thing. Despite her memories, she does not dwell on the past but thinks it's about time people began to talk freely and openly about such experiences.

The Road Taken

*Excerpts from Bill Heath's talk
"Making a Difference: Reflections on Teaching"
The full text is available through the Information
Office or the Instructional Development Office*



I have heard this ever since I can remember, and ever since I have taught: the teacher must teach the pupil to think. I saw a teacher once going around in a great school and snapping pupils' heads with thumb and finger and saying, 'Think.' . . . We still ask [students] in college to think . . . but we seldom tell them what thinking means; we seldom tell them it is just putting this and that together' it is just saying one thing in terms of another. To tell them that is to set their feet on the first rung of a ladder the top of which sticks through the sky.

Robert Frost's description of thinking in his essay, "Education By Poetry"

I believe that teaching is an art and that teaching well is a matter of hard work, inspiration, and luck. I also believe that teaching is creative and individual; there is no one "right" way to teach. I believe that teaching allows one to make a difference in people's lives, and that's no small matter.

No one wins a teaching award independently, and it is fitting that this moment be shared with both students and colleagues. Obviously, without students, there would be no instruction, distinguished or otherwise. This award belongs in part to all those students, past and present, who have helped me to learn, to see, to discover; who have challenged me with their questions, or with their questioning looks, to "say it better." This award is important, not because of who wins it, but because of what it represents. It is a recognition that our most challenging and important job here goes on in the classroom.

When I arrived at Lakehead in 1973, there was no Senate Committee on Teaching and Learning, no Office of Instructional Development, no campus newsletter devoted to teaching strategies, no annual workshops to promote teaching effectiveness, and no teaching award. All of this has changed. What has also changed--in large part, I believe, because of these innovations--is that committed teachers are now more visible on this campus than ever before: more vocal, more involved with their own professional development, more interactive, more assertive. I am proud to be part of this community within the larger university community. I have found that it is not necessary to agree with or to adopt every new idea that you learn about through these teaching enhancement activities.

But participation in them at least forces you periodically to re-examine what you do in the classroom.

Looking back, I can see that the teachers who have helped me the most were, above all, great communicators. The first -- and I know how corny this must sound, but it's the truth -- was my high school English teacher, Mr. Davis. As a teacher he was mobile and animated and he made you want to learn and do well. He wore his passion for literature on his sleeve, where it belongs. One of my objectives as a teacher is to let my passion for literature show, without sacrificing either intellectual rigor or scholarly integrity.

My biology professor made such an impression on me that I actually considered switching my major to biology, until I found out you had to have organic chemistry. But the teacher who has meant the most to me over the years was not one of these classroom virtuosi, but someone whose methods were far less dramatic. His name is Louis Coxie. We students knew and used to say that Louis could teach any course in the Department. His range of reference was astounding, the product of continuous reading and absorption. He never spoke from notes; all he brought to class was a book or two. Louis in full flight was the picture of a person thinking out loud about the book assigned for that day, as well as other books with which he saw connections.

I am convinced that Louis' s command of the full spectrum of a literary tradition, as well as his teaching methods, laid the foundation for what I consider to be the essence of thinking: the ability to combine the disparate particles of what we learn into thoughts and ideas, to see one thing in terms of another. To teach students to think like this may be the hardest thing we do. It may also be the most important.

President's Report
continued from page 2

who was always willing to help. The Cromarty family has a long and dedicated involvement with Lakehead as his wife, Helen, was active on our Advisory Committee to the Native Entry into Nursing Program and, indeed, was one of the Program's first graduates.

The legacy of direction and commitment fostered by Dennis will live on with his people. In his honour, a Memorial Fund has been established, and those who wish to donate may call the N.A.N. Office in Thunder Bay at (807) 623-8228.

Congratulations

- To Howard Hampton, M.P.P. for Rainy River, on his appointment as Minister of Natural Resources. Howard was a veteran L.U. off-campus student a few years ago and speaks glowingly of the impact of Lakehead University in the region. He recently spoke to a full house audience in the Agora on some of his futurist thoughts on the justice system.

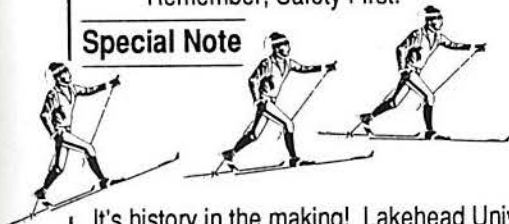
- To Shelley Wark-Martyn who, in her new responsibility, will work closely with the Honourable David Cooke in the super Ministry of Education and Training.

Safety First

Our first lost-time accident of 1993 was recorded on February 11. The incident involved a custodian who was mopping a floor and could not straighten up, incurring a facet-joint back injury.

Remember, Safety First.

Special Note



It's history in the making! Lakehead University Ski club. Big Thunder Nordic Ski Club and the Lappe Nordic Ski Club are joining forces to promote volunteerism and the community commitment to the 1995 Nordic World Championships. The North American (Cross Country) Championships will be held in Thunder Bay from March 16 - March 21. The opening races, 300 metre sprints, will start at 4 pm beside the Field House. International teams from Italy, Finland, the USA and Canada will be entered in this end of the season competition. A Trade Show will be set up in the Agora with the opening ceremonies at 7:30 pm. Let's show our "Thunderdome Spirit" for this event. Since it's March Break for the children, why not get them on campus and join them after work at the races! There is FREE cross country skiing on the campus trail and FREE swimming in the Fieldhouse pool between 11:30 and 2:30 (just sign in at the cage).

Did you know that Henry (Hank) Akervall, Director, School of Outdoor Recreation, Parks and Tourism, was born and raised in Port Arthur, swam as a child in the river behind Alumni House, went to Hillcrest and PACI and began teaching math, physical education and geography at Hammaraskjold in 1965? You can learn a lot when you sit down and have a coffee with Hank.



In July of 1966 Hank was hired as the first athletic director at Lakehead University and also taught three courses in the School of Forestry. Hank arrived with a Bachelor of Science in Forestry from Michigan Tech and master course work from UBC in forestry and his teacher's certificate from U of T.

Hank grows a big smile when he reminisces. "I might as well have moved my bed to the Port Arthur arena in those days." Besides teaching, he coached varsity hockey, was athletic director and intramural director. At one time there were more than 20 sports being played on campus. "I always say I hired my own boss, George Burger, in 1968. He was the basketball coach and became athletic director".

According to Hank, President Tamblin was easy to talk to and very open to new ideas and heavily involved in fundraising activities to help the university grow. At the time there was no physical education program, no outdoor recreation program and no Fieldhouse! The Athletic Advisory Council - Akervall, Shannon, Burger and Kathy Kangas (head of women's sports) sat down and said "we need a physical education program".

The coffee conversation continues next month.

SKI FOR HOPE

Sunday, March 14, 1993

9:00 am to 5:00 pm

Big Thunder National Ski Training Centre
Presented by the Canadian National Institute for the Blind in conjunction with the LU Alumni Association
Financial support from Ernst & Young
Participants raise a minimum of \$50 in pledges and ski for the day. A hot lunch is provided and participants are eligible to win exciting prizes.

Registration: CNIB at 345-3341, LU at 343-8155.

Waterwalker Film and Video Festival

Hosted by the
School of Outdoor Recreation,
Parks and Tourism

Sponsored by the Canadian
Recreational Canoeing Association

Saturday, March 20, 1993

6:30 pm

Reception and display
by local organizations

7:30 pm - 10:30 pm

Film showing

Ryan Building, room 1042

Admission is \$7.00 advance, \$9.00 door

Proceeds will be donated to the Canada
Sea-to-Sea Expedition
and the Bill Mason Memorial Fund.

Jazz Canada

**A Star-Studded Jam Session of the
best Jazz Musicians in the country!**

Live at the

Thunder Bay Community Auditorium

Featuring:

Ed Bickert
(Guitarist)

Neil Swainson
(Bass)

Rob McConnell
Valve Trombonist

Jim Galloway
(Saxaphonist)

Terry Clark
(Drummer)

Guido Basso
(Trumpet &

Flugelhorn)

Ian Bargh

(Piano)

Saturday, March 20

8:00 pm

Tickets - \$25.00

CAMPUS CALENDAR

To include your Department's event or activity in the Campus Calendar, please call the Information Office at 8300 or mail your information to SN 1002.

Deadline for the March Agora is March 9, 1993.

FEBRUARY

Monday, 22

Video Presentation

Topic: Mr. Nobody

Time: Noon - 1:00 pm

Place: Health Sciences North - Room 2022

Hosted by Kelly-Ann Spezowka

Friday, 26

Alumni Curling Bonspiel

Thunder Bay Country Club

6:00 pm - 11:00 pm

Register now! Organizers will help to put together a team for you.

Information: 343-8193.

University closed

MARCH

Monday, 1

Dept. of Political Studies Speakers Series

Topic: "Impact of German Reunification"

Speaker: Dr. Fred Engelman, Professor Emeritus, University of Alberta

Place: Faculty Lounge

Time: 8:00 pm

Thursday, 4

Free Public Lecture

Topic: India: Revivalism and Progress

Speaker: Dr. Pradip Sarbadhikari, Department of Political Studies

Place: Regional Centre, room 1002

Time: 8:00 pm

Sponsored by the Canadian Institute of International Affairs & the Dept. of History

Public Seminar

Topic: "Dynamics of highly energetic reactions: Elementary processes in combustion and stratospheric chemistry"

Speaker: Dr. J. Sloan, Guelph-Waterloo Centre

Place: Ryan Building, room 1047

Time: 1:30 pm

Friday, 5 - Sunday, 7

Elders Conference

Theme: "Sharing Our Vision"

Hosted by Lakehead University Native Student Association (LUNSA)

Place: University Campus

For more information contact Carl Blackhawk at ext.7708

Monday, 8

Free Public Lecture

Department of English Lecture Series

Topic: "You Just Can't Up and Kill Your Children": Masculine Poetic Imaginings and the Myth of Medea.

Speaker: Professor L. Richardson

Place: Ryan Building, room 1044

Time: 7:30pm

Information: Prof. Joan Dolphin, ext. 8292.

Thursday, 11

1993 Morris Lecture

Topic: "The Possibility of Life after Death"

Speaker: Dr. Charles Ripley

Place: Ryan Building, room 1044

Time: 8:00 pm

Sponsored by Dept. of Philosophy & the Dean's Committee on Religious Studies through the William S. Morris Memorial Fund

Friday, 19

Professor Lecture Series

Topic: Paleoepidemiological Research of Past Desert Populations from Baja, California and Dakhleh Oasis, Egypt

Speaker: Dr. J.E. Molto, Department of Anthropology

Place:

Time: 3:30 pm ??

Free Public Lecture

Topic:

Speaker: Dr. Eleanor Macdonald

Place: Conference Room, Centre for Northern Forest Ecosystem Research

Time: 12:30 pm - 2:30pm

Sponsored by the Status of Women, Dept. of Political Studies and LU Forum

CORNWALL CONCERT SERIES

All concerts are held at Jean McNulty Recital Hall, Music & Visual Arts Centre (Tues. at 12:30 pm unless otherwise noted). Tickets available at door.

March 9

H. Wevers, bassoon; J. Fahrenbruck, piano - Free

March 23

Philip Dent Candelaria, guitar - \$7/\$5

AGORA

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