

**Inside:**

|                        |    |
|------------------------|----|
| Around campus .....    | 3  |
| New Faces .....        | 4  |
| "Survey says..." ..... | 6  |
| Language rights .....  | 10 |

# Lakehead University AgorA



THUNDER BAY, ONTARIO VOL. 7. NO. 2 FEBRUARY 1990



**This Registrar recruits them young.**

*Pentti Paularinne looks amazingly at home with the five Neilson quintuplets. With universities struggling with enrolment and funding issues, it was comforting to know that by the time Regan, Spencer, Nicole, Mitchell and Lucas get to university, their Silver Jubilee Entrance Scholarships will be a welcome relief for their parents Karen and Tom.*

## Report From the President



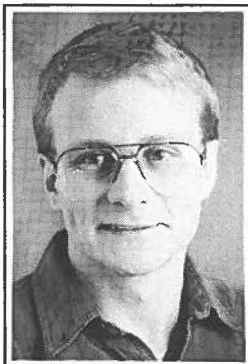
**Dr. Bob Rosehart**

### Commonwealth Games Gold

Congratulations go to Mary De Piero for her gold medal in diving at the Commonwealth Games. Mary is a Year 1, B.A. Geography student at Lakehead University and is a member of the Thunder Bay Diving Club.

### White Pine Award

Doug Maki of Year 4, H.B.Sc. Forestry program has been selected this year's winner of the prestigious White Pine Award.



### Engineering Logo

Putting all the debate aside, the current E.S.S. logo debate has, hopefully, run its course. The logo is unacceptable by today's societal values, rules and legislation.

The committee process established by L.U.S.U. needs to be given every opportunity to deal with this matter, and I trust that the Engineering Students' Society, through their consultative process, realize that they need to be assuming a leadership role in this area.

I will be closely monitoring these activities for signs of progress.

### L.U./Confederation College Fitness Experiment

The "fitness" experiment is underway, and all full-time faculty and staff should have received an Athletic Facility Pass in the mail. I encourage your participation and look forward to enhanced co-operation between the two institutions.

### B.C. Visitors

The Honourable Bruce Strachan, British Columbia Minister of Advanced Education, Training and Technology and Minister Responsible for Universities, visited Lakehead University on Wednesday, January 31 with two of his senior officials.

As you may know, British Columbia has announced an intention to establish a fourth provincial university in the north (most likely Prince George). Minister Strachan is paying his second visit to Lakehead University in order to gain insight into the opportunities that exist for a university to develop in a northern environment.

### Quintuplets Visit Lakehead University

As part of our Silver Jubilee activities, the board of Governors has granted entrance scholarships for the Neilson quintuplets. A brief ceremony with the five potential BIU's was held in the President's office on February 1, 1990.



With all the serious academic business that goes on at a university, it was great fun to see five darling babies, their parents, assistants, car seats and snowsuits take over the President's office. Some of the babies ended up on the unlikely shoulders of John Russell, Greg Beckford and Chancellor Weiler (who told the parents it took him

and his wife 7 years to have 5). The 9-month olds also wore their caps with great distinction, ate their certificates, cried when the registrar tried to enroll them all in forestry and basically made it a very special day for Lakehead University.

# Around Campus

## SIGNIFICANT DISCOVERY

Professor Scott Hamilton, Department of Anthropology, was recently awarded two Ontario Heritage Foundation research grants. The first one involves dating radiocarbon prehistoric human remains from the Wapekeka Indian Reserve. His research will determine the age of human burials encountered on the reserve during the construction of an airstrip. Two human skeletons were first discovered in 1988 directly adjacent to the airstrip during the process of clearing the runoff edges. While they were trying to stabilize the area, three more were uncovered. The reserve is 15 kilometres east of Big Trout Lake. The recoveries are of great scientific interest since they represent the first archaeological data from that region of Northwestern Ontario. Professor Hamilton says, "the band is to be commended for recognizing the significance of the find and allowing Lakehead University to investigate it further on their behalf".

The second grant is for a pilot field study on the Black Sturgeon River system. It involves follow-up on the work of the Smacks, amateur archeologists from Minnesota, who have devoted more than 20 years collecting artifacts in the Black Sturgeon system. According to Professor Hamilton some artifacts imply non-local influences. Some of the stone artifacts are made from raw materials which originate as far away as Wyoming, North Dakota and Southern Wisconsin. "Some of the ceramics stylistically look Iroquoian from southern Ontario. They are definitely not what we would expect in this region and we want to know whyys Hamilton. "I suspect the Black Sturgeon is far more important transportation link than previously believed".

## LUFA PENSION COMMITTEE

Members of the new LUFA Pension Committee are: Agha Akram, Robert Archibald, John Griffith, William Melnyk, Rao Puttagunta and Jim Stafford.

## UNIVERSITY BOARD CHAIRMEN DEPLORE FUNDING LEVELS

Ontario university board chairmen expressed their deep and growing concern with the level of university funding in Ontario when they met with the Hon. Sean Conway, Minister of Colleges and Universities. The chair-

men were most upset with what they see as the inconsistencies between the government's priorities for research, development and world-class industrial competitiveness and its financial policies on higher education. The chairmen used as an example the government's announcement in November of an 8% increase in operating grants for 1990-91 and the harsh reality that the increase is less than 2%, when the costs of recent enrolment growth and of other government initiatives, such as the employer health tax, are met.

Prior to the next provincial budget, members of the Council of Chairmen of Ontario Universities will work vigorously within their own boards to demonstrate: the government's failure to deliver on what the chairmen felt were earlier commitments; the misstatement of real funding increases; the damage being done to the province by the current funding practices

## JAPANESE STUDENTS

The Department of Continuing Education and Department of Languages conducted a very successful English Immersion Program last summer for thirty Japanese students from Gifu College of Education, Japan. The program ran from July 31 to August 31 and consisted of morning classes, afternoon field trips and weekend "homestays" with Thunder Bay families. A number of Lakehead University faculty and staff participated in the homestay program by hosting two students for one or more weekends. The "homestays" were rated by the Japanese students as "the best part of their stay in Thunder Bay".

Because of the program's effectiveness Gifu College will be sending another thirty students to Lakehead University this summer. The students will be on campus from July 25 to August 25, 1990. The Department of Continuing Education has commenced planning for their arrival. Once again, the hospitality of Lakehead University faculty and staff is required. Anyone interested in hosting two Japanese students for one or more weekends in August is asked to contact Jane Livingston, Department of Continuing Education at 8068.

## FORESTRY SYMPOSIUM

Recently a symposium entitled "Resource Rich/Development Poor" was held at Lakehead University. Organized by the forestry students, the

weekend lecture series addressed current forestry issues. The theme of discussions reflected the concern of foresters that secondary forest products industries are not being developed to full potential in Canada. Lectures also addressed the issues of recycling in the pulp and paper industry and pollution in the forest products industries - two issues vitally important to Northwestern Ontario.

Doug Maki, a fourth year forestry student and the student chairman of the symposium committee, says that the issues of recycling paper and pollution created by the pulp and paper industry were well-addressed during the weekend symposium. The key theme of the symposium was to find out why secondary forest products industries are not being developed as they should in Canada. "What we were trying to get at was the importance of "value-added" in forestry products industries. Pulp is a commodity subject to market demands but if you produce a speciality product the demand increases dramatically". There was an excellent turn-out for the symposium and lectures were successful in bringing forestry issues into the public view.

## NATIVE LANGUAGE TRAINING

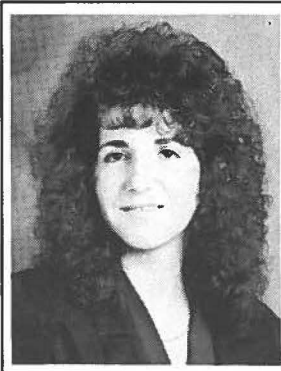
Native education instructors from Minneapolis, Duluth and Grand Marais met with native education representatives from Lakehead University and Northwestern Ontario at Lakehead University on January 17, 18, and 19. The Minnesotans' key purpose was to get an indepth look at the university's Native Language Programs. There are approximately 700 native children in Minneapolis public schools and during the past several years major funding has been allocated for research and curriculum development in Ojibwe as a second language. In December, legislation was approved in Minneapolis that sets out a program to teach all children in the city's school system Ojibwe. The educators behind this are trying to develop a solid curriculum to introduce into the schools by September 1, 1990.

The unique program in Minneapolis parallels similar native language programs on reserves in Northwestern Ontario such as the one at Pic Mobert. Lakehead University's Native Language Programs, held in the summer, in part train native educators to develop effective native language teaching curricula. The purpose of these programs is to enhance the study of culture and language for all native children. The

*continued page 11*

## Anne Fiorenza

Anne Fiorenza has been appointed Research Officer in the Department of Research and Graduate Studies. The 1989 graduate of the Business Administration program, is no stranger to the university having worked as the marketing researcher for Innovation North for a year and a half. Anne was born in the Bahamas but has lived in Thunder Bay most of her life. "I still yearn for the sun and palm trees though". Her academic interests include economics and entrepreneurship. "I do plan to return to school for my MBA eventually. I'm intrigued about the entrepreneurial process - researchers go through experiences similar to entrepreneurs. Finding funds for research is like finding funds to start a business. I might even do research on that topic".



## Norma Jean Newbold

Norma Jean Newbold is a new clerk in the Registrar's Office. Known to her fellow co-workers as the "lady in black", Norma Jean worked at York University for a number of years in various departments on the campus. Norma Jean's interests include picture framing and curling and although she was reluctant to admit it, island hopping through the Caribbean (she has been to seven!). Norma Jean is also beginning a course in Ojibway. "So far I can say 'Hi! How are you? Where do you live?' Good luck with your lessons Norma Jean."



## Debbie Poulin

Debbie came to the university through a unique program sponsored by the provincial government and is working in the Registrar's Office. As Debbie says, "It's a program that helps people re-enter the workforce by training them in the classroom and on the job". The re-entry program through Employment and Immigration includes five months of in-class training and eight weeks of on-the-job training. Debbie says that working at the university has definitely filled a void. "Five years ago, I would never think of myself working. Now I could never think of anything else".



## Quebec lifts freeze on tuition fees

For the first time in more than 20 years, the Government of Quebec has decided to raise tuition fees. Frozen at 1969 levels, an average of \$540 a year, tuition fees will rise beginning in September 1990, by an average of \$350 a year in each of two academic years, 1990-1991 and 1991-1992. Even with the increase just announced, Quebec will still have the lowest tuition fees in Canada.

## Funding Announced for Ontario Universities

Ontario Minister of Colleges and Universities Sean Conway has announced that his government will increase operating grants to Ontario's postsecondary educational institutions by eight percent. The province will allocate \$1.8 billion in operating grants to university-level institutions. Tuition fees will also rise by eight percent. According to the Minister, the increase should enable universities to properly respond to expected increases in enrolment, promote access for the disabled and increase the number of French-language and bilingual programs. However, in a press release issued shortly after Mr. Conway's announcement, the Ontario Council of Universities stated that the province's universities need an 11.7 percent increase just to maintain services at current levels.

## Appointment

Dr. Geraldine Kenney-Wallace, current chairman of the Science Council of Canada, will become president of McMaster University on 1 July 1990. Dr. Kenney-Wallace is the first woman to be appointed president of an Ontario University.

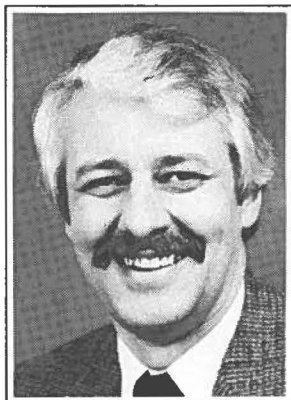
## Cold climates: a hot topic for universities-

The Science Council of Canada has called on governments in universities and industry to begin Harnessing Science and Technology for Cold Regions, in a recent statement. By making recommendations designed to help Canada become an international leader, in the field, the council add that Canada should take up the challenge and special responsibility provided by its geography. Canadians can use their science and technology to serve global interests," the council says. Some of the council's major recommendations would have an immediate impact on the university research community. The council recommends, for example, that the National Committee of Deans of Engineering and Applied Science review existing courses and programs to strengthen their northern content. It also recommends that the Natural Sciences and Engineering Research Council, in partnership with industrial or government sponsors, establish five professional chairs in cold climate engineering.

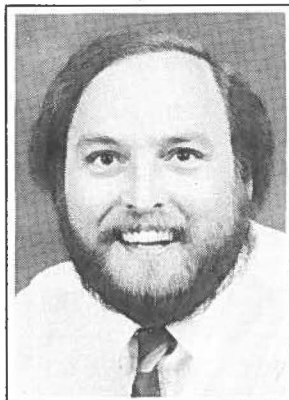
For information: Science Council of Canada, 100 Metcalfe Street, Ottawa, Ontario K1P 5M1. Tel.: (613) 992.1142.

# Celebration 1990 Update:

## Alumni Reunion Weekend June 28 - July 1, 1990



Don Sutton,  
Treasurer  
of the Alumni  
Association and  
Co-Chair of the Reunion  
Planning Committee



Dwight Gessie,  
2nd Vice President  
of the Alumni  
Association and  
Co-Chair of the Reunion  
Planning Committee

For more than a year, alumni volunteers have been working behind the scenes to organize the culminating event of Silver Jubilee festivities - Celebration 1990, the Alumni Reunion Weekend planned for this summer. It's a great opportunity to invite friends for the weekend, to play golf, to share memories, and to see the changes going on at L.U.

According to Dwight Gessie close to 400 responses have been received. "We're had responses from most provinces in Canada, a few from the US and even one from France! Basically, the response has been really good. Alumni want to come and see old friends. The university has been very supportive and individuals have already come forward to help with registration and tours." He hastily added, "but we need more".

Don Sutton highlighted events that are already planned. The Opening Ceremonies and B.B.Q. on Friday night will include performances by Tom Kelly, Ian Tamblyn, and the Ramblers. Colleen

Cupples will be the keynote speaker at the Gala Dinner/Dance at the Valhalla Inn on Saturday night. The 1967 graduate has been all over the world with the Department of External Affairs, and is now based in Ottawa in charge of Latin American and Caribbean affairs.

Other special events include a Golf Tournament on Friday (can anyone beat Claude Liman?), a President's Luncheon, Campus Tours and Open Houses on Saturday, and an Ecumenical Service and "send-off" Brunch on Sunday morning.

Don stressed the need for Alumni to register early to help the Reunion Planning Committee to get a handle on numbers and facilities required. Applications forms were published in the winter issue of the Nor'Wester Magazine and are available from the Information Office and the Alumni House. Call Frances Harding at 343-8193 for further information.

### Volunteers Needed

The Alumni Association will need volunteers to help out during Celebration 1990, Alumni Reunion Weekend, June 28 - July 1, 1990.

If you are interested in working on any of the committees listed below, please contact Alumni House at 343-8155.

#### Registration

Co-chairs: Jeff Crocco and Bruce Sauder

#### Hospitality

Chair: Bob Thompson

#### Communications

Chair: Carmela Foresta

#### Gala Evening

Co-chairs: Allan and Linda Bauld

#### Golf Tournament

Chair: Eric Wilson

#### President's Luncheon/Farewell Brunch

Chair: Anita Muncaster

#### Ecumenical Service

Chair: Brother Glenn Doughty

#### Opening Ceremonies/B.B.Q.

Chair: Pat O'Brien

#### Homecoming Reception/Open Houses

Chair: Sheralee Beebe



# Celebrate!

Lakehead University's 25th Anniversary  
Alumni Reunion Weekend June 28 - July 1, 1990



## Be an Early Bird... Register today for Celebration 1990

*Faculty, Staff and Alumni are all invited to attend.*

## Survey says...

*In 1986, the Board of Governors adopted a Personal Harassment Policy Statement which prohibited harassment based on the grounds covered in the Ontario Human Rights Code (which includes sexual harassment). A survey, funded by the Secretary of State, was conducted last spring by the Status of Women Committee. The survey was intended to determine the extent of sexual harassment on campus, how people deal with it and if they have confidence in the policy and procedures. A positive side effect would be to raise the awareness level of staff, faculty and students and to encourage them to take a stand on the issue. The survey used was designed by the University of Manitoba and the Committee gratefully acknowledge permission to use the survey without a copyright fee.*

### THE SURVEY

Of the 3610 surveys which were randomly distributed, there was a 32% response rate (1147 were returned). The respondents were 27% faculty, 32% students, 23% staff and 18% unknown. 13% of the respondents reported that they had been sexually harassed on campus (134 people). The majority did not officially report the incident to anyone who might address the issue in an official capacity. Of the 134 victims, only 10% indicated that if harassed again they would report the incident. Eighty-seven percent of the victims were female and 13% were male. Another 27% of the respondents (287 people) knew of someone who had been sexually harassed (71% were women) on campus and 75% of these victims had never reported the incident.

The perception of what constitutes harassment varied between men and women. Only 28% of the male respondents considered sexist comments from a person of "greater" authority, sexual harassment. This compares to 48% of the females who felt that this type of behaviour did constitute harassment. The wide gap between male and female perceptions of harassment narrows markedly with the increased blatancy of the behaviour.

The survey determined what types of behaviour would most likely be reported. Far more women than men would report "verbalsexual advances", "explicit sexual propositions" and "sexual bribery". Only 6% of both male and female respondents would report "sexist comments", even though 48% of

women consider sexist comments to be a form of sexual harassment.

Valid responses to the question asking the authority level of the harasser indicate that 48% of the offenders have "greater" authority than the victims, 35% have "similar" and 12% have "lesser" authority. 25% of the offenders at Lakehead University are between the ages of 31 and 50. 11% are under 21 years of age. 49% of the offenders identified in the survey are male and 25% are female (valid responses).

Comments from the respondents helped identify the reticence to report incidents of harassment. "Asked 'If someone were to complain about sexual harassment, what would happen', the biggest majority of people answering this question indicated that they believed 'the complainant would suffer in some way'. The next most popular response was the, 'Complainant would be embarrassed/humiliated'. Many of the female respondents indicate that reports of sexual harassment incidents 'would be ignored'.

In response to the question, "What would encourage more people to report sexual harassment?" the largest percentage of people indicated "Won't be tolerated". This indicates that there is work to be done before people will believe that their complaint will be taken seriously. The University has committed itself to education and awareness initiatives in order to get the message across that harassment will not be tolerated.

## HARASSMENT

IT IS OFFENSIVE!  
IT IS UNACCEPTABLE!



For confidential help call:  
Myrna Holman  
Human Resources Officer  
343-8356

### Conclusions

According to Myrna Holman, The Personal Harassment Contact Person, the survey results reveal that at Lakehead University, like any other workplace, people may be subject to sexual harassment. In the past, the issue was largely a silent one because the majority of people did not officially report it. Many believed that they would expect to be embarrassed or humiliated as a result of reporting. During the last year the number of reported complaints has drastically increased, indicating faith in the new reporting structure. The educational program on campus has increased awareness of the policy, reporting structure and an administrative commitment to address issues of harassment. Educational efforts have been stepped up. Presentations to student, faculty and senate committees have been undertaken. New posters and brochures are being designed. Ms. Holman reports that a centralized approach to complaint resolution and education has increased the effectiveness of the policy. Anyone wishing to discuss a concern about harassment should contact Myrna Holman at extension 8356. She is also available to do presentations and workshops for any interested groups.

## "ROADIES" with a Message

Perhaps Willie Nelson's song, "On the road again" should be proclaimed the theme song of the Secondary School Liaison Officers. If you're wandering through the halls near the Liaison Office you might have heard that tune from the "L" Team - Lakehead University's "roadies with a message". The team consists of Andrea Duckert, Sarena Knapik and Donna Piovesana: three energetic individuals with "packsacks on their backs" and strong arms to carry the load of publications they must tote to high schools across Canada. Liaison officers are the flesh and blood of the University and often the only contact with the university that high school students have before making their choice about which university to attend.

LU's new officers have varied backgrounds. Donna Piovesana is a 1989 Lakehead graduate with an honours degree in English. She worked summers at Ontario Place honing her public relations skills. Donna's job focuses on travel co-ordination for the team. "I enjoy travelling, meeting different people. It's a fast paced - an adventure". Travel is a large part of the job and includes reaching students at high schools colleges and through career fairs. The team has travelled as far east as New Brunswick and as far west as Alberta. According to Donna, "Western recruits in Bermuda. We're working on that one", she laughs. All three liaison officers enjoy the camaraderie of life with the "travelling road show", also known as the University Information Program. Each year 10 weeks are blocked out and university UIP teams visit high schools



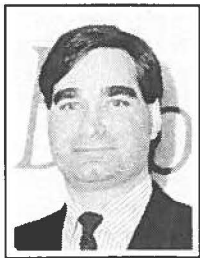
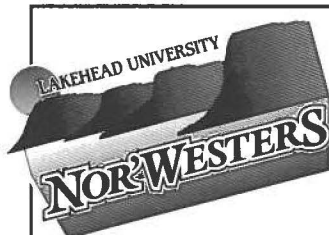
*The Willie Nelson Trio gets ready for the road. Left to right, Andrea Duckert, Donna Piovesana and Sarena Knapik. They are on the road more than 4 months of the year.*

across Ontario. They travel in a pack from school to school, city to city. Donna fondly remembers an incident a few months ago when a convoy of cars carrying members of UPI was travelling on the highway. "The leader of the pack realized she was heading in the wrong direction and did a "U" turn. Seven cars followed!"

Andrea Duckert is a graduate (and survivor) of the Graduate Business Diploma Program. Originally from Kenora, Andrea worked as supervisor of the Canada Employment Centre for Students. She finds the liaison officer position "very rewarding". She marvels at the questions students ask: "Where are you? Isn't it really cold there? Do you guys have a pub?" Andrea enjoys

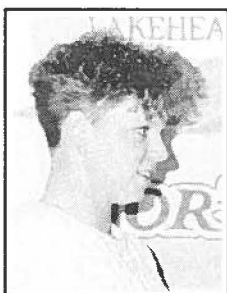
talking with students and believes that the one-to-one contact is the most important aspect of presenting the university to the students.

Sarena Knapik is also an alumna of Lakehead University with a degree in geography. Sarena comes to Lakehead from Hogarth-Westmount hospital where she was the Community Relations Director. Most of her work experience has been community service oriented. Sarena focuses on publications as well as meeting with students for academic counselling. She believes that the liaison officers are a solid team. "We all pull together in a crunch and try to help each other."

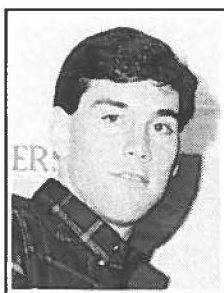


*Athletes of the Month were congratulated by Presenter Jack Moro of J.B. Evans Ltd.*

*Athlete of the Month for Women's Volleyball is Robyn Plett. Jack Moro of J.B. Evans Ltd. Plett's season has been very successful so far, scoring 299 kills to this point. This breaks her old personal record of 280 that she hit last season.*



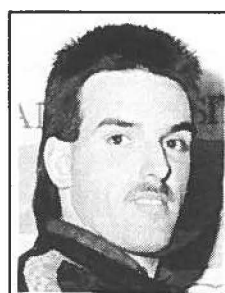
*Men's Basketball Athlete of the Month is Ray Foster. Foster, in his second season at Lakehead, has shown steady improvement this season. He average 13 points and eight boards a game during January and reached a career high of 25 points against Western.*



*Sharon Knowles, Athlete of the Month for Women's Basketball leads the LU team in scoring, rebounds and assists and is currently ranked seventh in scoring nationally. According to Stu Julius, Lady Nor' Wester coach, Knowles deserves All-Canadian honours.*



*Wrestling Athlete of the Month, Steve Roslinsky, had an impressive showing this month. He had a big win over fourth ranked Frank Wurr of Manitoba and that could put him in medal contention at the college nationals.*



## Papers/Publications & Special Projects



**Dr. I. Nirdosh**, Professor of Chemical Engineering has published the following refereed journal papers: "Ferric chloride leaching of Saskatchewan uranium ores" Chemical Engineering Research and Design, Vol. 67, 1989 (co-authors Dr. S. V. Muthuswami and Mr. Chundang A. K. Achong); "Simultaneous leaching of uranium, 230Th and 226Ra from Saskatchewan ores by nitric and hydrochloric acids" Minerals and Metallurgical Processing, Vol. 6 (4), 1989. (coauthors Dr. S. V. Muthuswami and Mr. M. Selamat); "Adsorption-desorption studies on the radium-hydrated metal oxide systems" Hydrometallurgy, Vol. 24, 1989 (coauthors Mr. W. B. Tremblay and Mr. C. R. Johnson); "Coextraction of uranium, thorium and radium with ferric nitrate-nitric acid solutions" Metall, Vol. 43 (5), 1989. (co-authors Dr. S. V. Muthuswami and Mr. N. S. Man).

**Dr. Alan Bowd**, School of Education had his paper entitled "A decade of debate on animal research in psychology: Room for consensus" published in Canadian Psychology, 1990, 31, 74-82.

**Dr. H. T. Saliba**, Associate Professor, Department of Mechanical Engineering, has had the following papers in the field of plate vibration reviewed and accepted for publication: "Transverse free vibration of simply supported right triangular thin plates: a highly accurate simplified solution", which is provisionally scheduled for Volume 138, Number 3, Journal of Sound and Vibration, 8 May 1990; "A modified Levy type solution for the free vibration analysis of simply supported isosceles triangular plates", which will be presented in the 10th Symposium on Engineering Applications of Mechanics which will take place at Queen's University in May of 1990. The paper is to be published in the conference proceedings.

**Dr. B. Kronberg**, Geology attended the International Meeting of the Society of Environmental Toxicology & Chemistry and presented a paper entitled "Moose as Indicators of Cadmium Bio-Availability in NW Ontario".

**Dr. Yves H. Prevost**, Forestry Department, presented the following: "Are black spruce cone and seed insects

threatening forest regeneration?" Forestry Marketplace presentation Nov. 23, 1989, Toronto; "Dealing with organisms feeding on cones and seeds in spruce seed orchards?" Forestry Marketplace poster Nov. 21-23, 1989, Toronto; "How pests affect crown architecture of black spruce which may decrease the viable seeds per cone." Northern Pest Review presentation Nov. 4, Thunder Bay.

**Dr. Thomas M. K. Song**, Professor of the School of Physical Education and Athletics, Co-ordinator of Human Performance Laboratory, was made a research Fellow of the American College of Sports Medicine (FACSM) on December, 1989. The Fellow was made in recognition of professional achievement, a high level of competence and ethical conduct with acceptable knowledge of principles and practices in the related discipline on sports medicine.

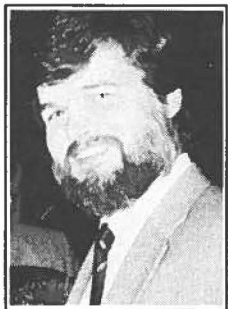


## Appointments

**Dr. John Jamieson**, Department of Psychology was selected as recipient of the 1990 SOSIP (Section on Students in Psychology) Stein award. Each year the Stein Award is presented to an Ontario psychologist who makes an outstanding contribution to the advancement and concerns of graduate psychology students in this province. The recipient is both nominated and selected by students.

In particular, Dr. Jamieson's work as an enthusiastic research supervisor (both of his students, others and Lakehead graduates at other universities), his initiation of a study group to prepare students to write graduate record exams, his assistance in informing students about various graduate schools, and his social and emotional support of students were cited as reflective of his contribution.

**Dr. James T. Angus** was recently appointed as a Community Board Member of the National Parole Board in the Ontario Region for a period of two years effective immediately.



**INTO THE NEW CENTURY: Thunder Bay 1900-1914**, recently published by the Thunder Bay Historical Museum Society, has a definite Lakehead University flavour to it. The project was co-ordinated by the chairman of the Society's Publications Committee, David Kemp, of the Department of Geography. Members of the committee included Bruce Muirhead of the Department of History and Tory Tronrud, Curator at the Museum and currently sessional lecturer in the Department of History. Elinor Barr, noted local author, and Iain Hastie, formerly cartographer in the Department of Geography, both graduates of L.U. also served on the committee. Partial funding for the publication was provided in a grant from the University's "Vast and Magnificent Land" research fund. The book consists of a series of photo-essays which show what conditions were like at the head of Lake Superior in the first decade of the 20th century, a time of great growth and change in the region. They can provide no more than a glimpse into the past, but a glimpse which the Thunder Bay Historical Museum hopes will educate, inform and entertain, and encourage the reader to find out more about the history of the region. Cost: \$9.95, available at the Lakehead University Bookstore or from the Thunder Bay Museum.

### CALL FOR PAPERS

on the theme  
**REGIONAL DEVELOPMENT AND  
NORTHERN RESEARCH**

for the  
**FIRST ANNUAL CONFERENCE OF THE  
LAKEHEAD UNIVERSITY GRADUATE  
STUDENT ASSOCIATION**

March 17, 1990  
Lakehead University

The Graduate Student Association has chosen the theme of Regional Development and Northern Research for the first graduate conference. We are hoping that graduate students who are involved in course or thesis-related research that pertains to regional development and northern research will submit an abstract. The following topics give an idea of the range of research interests that can be included in the conference: Reforestation, Resource Sustainability, Health Delivery, Environmental Assessments, Pulp and Paper Research, Distance Education, Human Service Needs, University Role in Regional Development, Autonomy in Regional Development, Impact of Free Trade

Contact Kris DeLorey in the Office of Research and Graduate Studies, Phone 343-8785. Submit an abstract of 300 words or less by February 13, 1990.

## Research News

### FROM THE OFFICE OF GRADUATE STUDIES AND RESEARCH

Research Officer: Anne Fiorenza

#### RESEARCH OPPORTUNITIES

For further information on any of these Research Programs, please contact Anne Fiorenza, Research Officer, at ext. 8223.

#### NATURAL SCIENCES AND ENGINEERING RESEARCH COUNCIL

##### University-Industry Cooperative R&D Programs

NSERC's University-Industry Programs are designed to encourage industry to take advantage of the special knowledge and expertise resident in Canadian universities for the benefit of the Canadian economy. The broad mandate of the program enables support for a variety of research initiatives. Proposals for cooperative R&D activities under the University-Industry program generally fall into one of three categories, Collaborative Research and Development (CRD), Industrially Oriented Research (IOR), or Shared Equipment and Facilities (SEF). NSERC will equally match Industry investments in research and development conducted at a university. Proposals can be submitted at any time. If you have an innovative research project, which would be of interest to the industrial community, the Office of Research can be of assistance in putting you in contact with potential industrial partners.

#### NATIONAL RESEARCH COUNCIL OF CANADA

##### Industrial Research Assistance Program (IRAP)

Innovation North has information available on the National Research Council's "Industrial Research Assistance Program" (IRAP). The IRAP-H program is of particular interest to small and medium size firms employing science or engineering students. On short term projects for product or process development, assistance of 60% of salary is available for 18 weeks. Support for project counsellors is also available. Interested faculty or students should contact Doug Stone, CB 4106 (ext. 8124) for further information.

#### WORLD WILDLIFE FUND

The World Wildlife Fund is currently administering two grant programs in cooperation with Environment Canada.

The **Endangered Species Recovery Fund** is designed to sponsor high-priority conservation projects to assist the recovery of endangered wildlife and their natural habitats in Canada. Wildlife is considered by the program to be any non-domestic, plant or animal native to Canada. They are particularly encouraging proposals to conserve the fish and plants on the Endangered Species list (available at the Office of Research). The program supports proposals to a maximum of two-thirds of the cost of the project; the initial one-third of the project may be sponsored by any source, private or public. **Deadline for submitting proposals: April 1, July 1, October 1, and January 1.**

The **Wildlife Toxicology Fund** supports high-calibre research on the effects of toxic chemicals on Canadian wildlife. This fund is particularly interested in receiving applications for research in the following areas: effects of toxic

chemicals on estuarine marine environments, terrestrial species, and ecosystems, including the Arctic; effects of pulp mill effluents and pesticides; comparative toxicology examining the effects of toxic chemicals on a wide range of organisms; and inter-university studies. **Proposals can be submitted at any time.**

#### SOUTH ASIA ONTARIO

##### Research Grants

South Asia Ontario is a consortium of scholars in the area of South Asian Studies teaching in Ontario Universities. The programme's research mandate concerns Canada-South Asia Relations. The area is broadly interpreted to include political, strategic, economic, social and cultural aspects, as well as issues concerning the South Asia Diaspora in Canada. Applications for research grants must be relevant to this mandate. The programme is scheduled to end on July 1, 1990. However, grant applications will be considered at any time during the next four months.

#### SOROPTIMIST INTERNATIONAL OF TORONTO

##### Research Fellowship in Gerontology

The Soroptimist International of Toronto is a service club of business and professional women who raise funds to assist wherever there is a special need. This group is offering a fellowship with a maximum value of \$7,500 to persons enrolled as full-time students in a post graduate degree program (Masters, Ph.D) or in a program of study related to gerontology (eg. health care, social services, housing, legal services, psychological services, recreational services).

**Deadline for applications: March 31, 1990.**

#### CANADIAN SOCIETY FOR THE STUDY OF HIGHER EDUCATION

##### Research Award

As part of its objective to encourage and promote high standards in the study and delivery of post-secondary education, the Canadian Society for the Study of Higher Education (CSSHE) is awarding a research award to recognize distinguished contributions to research in Canadian post-secondary education. One award will be given each year. The award is meant to be conferred on a practising scholar in mid-career with an established reputation for publishing outstanding research on any aspect of Canadian post-secondary education. **Nominations must be forwarded by March 1, 1990.**

#### LAIDLAW FOUNDATION PROGRAMS

##### Children and Families at Risk Programme

Through this programme, the Foundation intends to focus resources on experimental and pilot research projects, studies and activities which contribute to a better understanding of the structure of life quality and life outcomes for children. The programme focuses on children as the central figures, from pre-natal conditions through childhood and adolescence to transition to adulthood. The programme supports research projects, demonstration projects/primary prevention projects, intervention projects, and impact generating projects. **Deadline: March 1, May 1, September 1, and November 1.**

##### Laidlaw Scholar Programme

The Laidlaw Scholar Programme was established to support distinguished scholars and practitioners who have made significant contributions to the advancement of child and family studies and social welfare policy in Canada or abroad. As well, the scholar, by virtue of the interdisciplinary nature

of his/her work and general critical perspectives will stimulate innovative research and advanced concepts of professional practice. Proposals may be submitted at any time.

#### **Laidlaw Conservation Programme**

There is an enormous gap between what is known about environmental problems affecting the Great Lakes and the efficacy of regulating policy to address those problems at the provincial and federal levels. There is a progression towards an ecosystem perspective, consistent with the theme of sustainable development. In consideration of the overwhelming importance of the Great Lakes to current and future generations, the Laidlaw Foundation's Conservation Programme will support the following activities which would decontaminate and rehabilitate the Great Lakes ecosystem: 1. Seed Funding, 2. Innovative Basic Scientific Research of a trans-disciplinary nature, 3. Cooperative Ventures protecting ecologically valuable near shore/coastal areas, and 4. Educational Projects and initiatives.

Deadlines: **January 1 and July 1.**

#### **THE BANTING RESEARCH FOUNDATION**

The Banting Research Foundation provides grants to individuals for the support of specific medical research. The term "medical research" is interpreted broadly to include research in the biological sciences which may have potential importance for medicine. The foundation's programs have been known to help initiate the research careers of new investigators who have not yet developed the necessary track record to apply successfully to senior funding agencies or established investigators who wish to initiate research in new areas. The maximum value of these grants is \$20,000.

Deadline: **March 1, 1990.**

#### **CANADIAN PROGRAM OF SCIENCE AND TECHNOLOGY IN SUPPORT OF LAW ENFORCEMENT**

The objective of this program is to ensure timely, yet comprehensive equipment research, development, testing, evaluation and standards development in response to identified needs from the Canadian police community. In the past, proposals have been primarily submitted by members of the Canadian police community, with some collaboration with universities. The National Research Council is anticipating that there will be more projects allocated to the university community as the program becomes better known. The categories used to prioritize projects are: 1) projects that are universally applicable to the Canadian Law enforcement community and that impacts life/health threatening matters. Proposals may be submitted at any time.

#### **UPCOMING DEADLINE DATES**

**NSERC International Collaborative Research Grants**

- March 1, 1990

**NSERC International Scientific Exchange Awards**

- March 1, 1990

**Noranda/Bradfield Graduate Fellowship Program**

- March 1, 1990

**SSHRC Aid to Scholarly Conferences** - March 30, 1990.

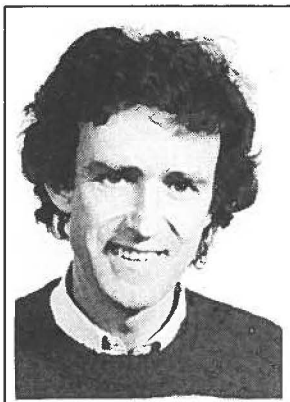
**Canada: Industry, Science and Technology - Strategic Technologies Program** - March 31, 1990

**Ontario Ministry of Health Research Program** - April 1, 1990

**The G. Allan Roeher Institute Research Programs**

- April 30, 1990

**University Research Incentive Fund (URIF)** - May 31, 1990



## **Forum**

### **Tax Dollars and Linguistic Rights**

*by Andre Cloutier,  
Chairman, Department of Languages*

For many years, francophones had no visibility in Thunder Bay or in the area. They were not organized; they had no institutions to represent them or to serve their interests. Today, they have slightly more, but so little. But the little recognition obtained appears to be too much for an resentful few.

The experience seems to show that rights are spelled out in years of generosity. When there is abundance, minds and hearts open up and flourish in a willingness to recognize others the rights to be different from the crowd and the majority. Minorities flourish in the years of good fortune. They are dangerously menaced in days of misery and greed, when the almighty criteria of \$\$\$ is used to evaluate their feasibility. For then, even constitutional protection seems to fall short of protecting minorities. "Tax money" is one of the criteria invoked by the Thunder Bay Public School Board to deny access to French parents who claim the right to a French education for their 17 children from this Board. According to the Ontario Education Act, the Board is required to respond positively to such a request. What brings the parents to make such a move besides wishing to have their children educated in French is irrelevant to the matter. It must be noted here that if Francophones had the governance of their own schools, as their Anglophone counterparts have had for over a century in Quebec, no permission or begging would be required. They would simply create their own school of the "official minority".

By requesting a positive response, the Education Act only acts in conformity with the rights of the "official minority language group" in this province, as they are defined in the Charter of Rights and Freedoms - of Canada, 1981, which states that: "Citizens of Canada a) whose first language learned and still understood is that of the English or French linguistic minority of the province in which they reside [...] have the right to have their children receive primary and secondary school instruction in that language in that province." (Art. 23, 1a). This right applies "where numbers justify"; also, "minority language instruction" is to be provided "out of public funds" and this right of parents also "includes [...] the right to have [their children] receive that instruction in minority language educational facilities provided out of public funds." (Art. 23, 3). It might be worth noting that this article which was primarily devised as a reply to the Quebec Bill 101 and was meant to "remedy" an unwanted situation in Quebec, has been already invoked several time by the Supreme Court of Canada to force Quebec to modify its rules of acceptance of English Speaking children into its school system. Quebec has had to abide and live by this new criteria.

This same "criteria" of justice seem to create much displeasure with the members of the Thunder Bay Public

*continued...*

## FORUM continued from page 10

School Board. But the rule was established through many prior negotiations of which, unfortunately, they were not part. But should the social contract be respelled out every decade. Our present Canadian constitution, like all other constitutional endeavour in the past have derived from a perpetual, painful need to bargain and compromise. From the Quebec Act of 1774, through the Constitutional Agreement of 1791, the Union Act of 1840, the BNA Act of 1867, and the Canada Act of 1981, not to mention the present Meech Lake attempt ... agreements have always come about from a necessary give and take which has hardly ever left parties involved fully happy. From the first day of British rule in this land, the French were there and, for many different reasons, had to be dealt with, bargained with, negotiated with, and included as a necessary constitutive part of the Canada deal.

There has always been tremendous frustrations, and still are, but the need to govern our huge country and keep it together have been the determining force in shaping our social contract. This present pact, which found its latest official expression in the Canada Act of 1981, and also confers to Canada its fragile harmony, is based on the affirmation of a rapport of reciprocity: *do unto me what I do unto you*. English Canada, on one side, French Quebec on the other agreeing to treat their "official language minority" on equal footing.

But what now? The present Language crisis in Thunder Bay has far reaching implications: the intention of the Public Board of Education to have the Ontario Education Act modified to accommodate its views implies a complete re-evaluation of the social contract upon which the very foundation of this nation has been based. And whether the city of Thunder Bay decides to shun out its multilingual character and symbolically, or symptomatically, opt for monolingualism is of little help. The game which is being played, for public of personal interests, implies more than the re-formulation of a law. It actually requires a new deal. And the risk of such a deal is that any new substantial modification brought to the agreement, as major as the one sought here, is not readily conceivable within the frame of our present Canadian social understanding.

## AROUND CAMPUS continued from page 3

native education programs in Minnesota are not working as effectively as those at Lakehead University. The visitors' key purpose according to Barbara Toye-Welsh, the Coordinator of the Native Language Instructors Program, was to "review curriculum documents that we have here and to seek assistance with development programs in Ojibwe". At the present time Minneapolis native educators do not have a training program for their teachers or for curriculum development. "Ultimately," says Ms. Toye-Welsh, "they want to plan an Ojibwe immersion program with Lakehead University. They are considering whether to set up a similar program to LU's or to send teachers to our university in the summer". Toye-Welsh is pleased that educators have recognized the success of Lakehead's Native Language Programs and looks forward to a greater information exchange that is certain to come in the future.

**Dinner and Theatre?** The Silver Jubilee Committee is sponsoring opening night of the next Magnus play, Tally's Folly, on February 23. We would like to see friends of LU attend that night (10% discount for early ticket requests). If interested in dinner and theatre, we have reserved 24 spots at Giorg's restaurant, then off to the play and meet the cast reception to follow. Call 8631 if interested.

## Last Writes

Katherine Shedden, Editor

In one 7-hour period in the Information Office we may receive 30, 40 or 50 calls, a stack of mail 6 inches high, a dozen "drop ins" in addition to an assortment of on-going projects and events that are part of our daily routine.

In the past one week period, I enjoyed Cambrian's fine production of Jubilulu, a musical review of LU history through the comic view of satirist Evadne Benson, shared news of the five year re-appointment of President Bob Rosehart (more details next issue), experienced a deeper understanding of the culture of Native Canadians through Native Awareness Day, smiled when the quints took over the President's office, caught a couple of those fabulous volleyball and basketball games, sent a strongly-worded letter to Ingolf Richter about his insensitive and fallacious remarks in the Chronicle Journal, discovered that ECHO is very much alive and active thanks in part to the superhuman efforts of Lucie Lavoie (tin-can re-cycling bins now out and plastic cups ordered), listened to Colin Isaacs on environmental issues, gave Norm Lavoie hearty congratulations for his Corps d'Elite Award and watched in dumbfounded horror as elected members of our city council voted on the uni-language issue without so much as a thought about what more than 100,000 citizens think and feel. The litany is not intended to evoke sympathy for our busy schedule but to let people know what an amazing lifeforce is present on this university campus.

Some days I want to run when the phone rings or when I see the mail lady coming. I don't. She might be bringing an envelope with new findings from Scott Hamilton's research. And I was born curious.



**All part of the lifeforce at Lakehead**  
Algonquin elder William Commanda displayed his collection of rare wampum belts, some dating to the 15th century. The heart and soul of Jubilulu, Evadne Benson, played a few excerpts from the show during LUSU's Birthday Party No. 4.



# Campus Calendar

To include your Department's event or activity in the Campus Calendar, please call Flo Sherren at 8300 or mail your information to SN1002. **Deadline for the March Agora is February 15, 1990.**

## FEBRUARY

### FREE CORNWALL CONCERTS

Recital Hall -12:30 pm

Feb. 20 Bruce Vogt, piano (Victoria)  
-\$3.00

March 6 Chloe Harrison, soprano (New York) Heather Morrison, piano

### AT THE FIELDHOUSE

Feb. 16/17 Men's Basketball vs Waterloo

Feb. 23/24 Men's Basketball vs McMaster - 8:30 pm

### INTERNATIONAL FILMS

Braun Bldg. 1021 - 8 pm

For information call 343-8260

Free - Everyone Welcome

Feb.18 - Russian, Come and See

Feb.23 - La Voie Lactee

Feb.25 - The Lonely Passion of Judith Hearne

### MONDAY 12 - SATURDAY 17

#### STUDY WEEK

(Except Education and February Session Students)

### MONDAY, 12

#### CONFERENCE & SEMINAR CENTRE "PLANNING YOUR CONFERENCE"

Speaker: RON SPINA

Director, Residence & Conference Services

A step by step guide on how to organize your conference. The program will also include information on how to prepare your proposal for hosting a conference.  
**FREE OF CHARGE**

### TUESDAY, 20

#### CSME STUDENT LECTURE 1990

The Canadian Society for Mechanical Engineering

Speaker: MR. JAMES C. SMITH

Manager, Nuclear Products Marketing  
Babcock & Wilcox Canada

Topic: NUCLEAR COMPONENT DESIGN AND FABRICATION FOR CANADIAN AND FOREIGN REACTORS

UC 2011 - 2:30 pm

#### CONFERENCE & SEMINAR CENTRE "POSITIVE THINKING SEMINAR"

Speaker: IRBY STEWART

Positive Communications Inc.

We will offer some techniques to assist

your personal development in order to attain a strong positive attitude in your personal and career dealings.  
\$20 per person

### WEDNESDAY, 21

#### FREE PUBLIC LECTURE

Speaker: DR. RICHARD WESTWOOD  
Chief of Forest Protection and Dutch Elm Disease in Manitoba

Topic: DUTCH ELM DISEASE IN MANITOBA

Room BB-1021 1pm

### THURSDAY, 22

#### FREE PUBLIC LECTURE

Speaker: DR. MARGARET HAWTON  
Department of Physics, LU

Topic: FRACTAL MODELS OF IMPEDANCE

Room RB 2025 - 3pm

### MONDAY, 26

#### CONFERENCE & SEMINAR CENTRE "DEALING WITH DIFFICULT CHILDREN"

Speaker: DR. DAN KLASSEN

Counsellor and Professor, LU

An opportunity to acquire methods of parenting children who are quite challenging.

\$20 per person

#### FREE PUBLIC LECTURE

Speaker: DR. J. M. RICHARDSON

Topic: "Groping, Groaning, Grasping: Courtly Love Peters Out"

B 1022 - 7:30 pm

### TUESDAY, 27

#### THUNDER BAY TWINS HOCKEY CLUB vs THUNDER BAY POLICE ASSOCIATION HOCKEY CLUB "FAMILY NIGHT"

Fort William Gardens

7:30 pm Free Prizes

General Admission

### WEDNESDAY, 28

#### FREE PUBLIC LECTURE

Speaker: DR. RICHARD WESTWOOD  
Chief of Forest Protection and Dutch Elm Disease in Manitoba

Topic: DUTCH ELM DISEASE IN MANITOBA

Room BB-1021 1pm

## MARCH

### THURSDAY, 8

#### FREE PUBLIC LECTURE

Speaker: PROFESSOR BRIAN LUCKMAN

Co-Chair Canadian Global Change Committee

Title: "GLOBAL CHANGE AND THE RECORD OF THE PAST"

RB 1042 - 4:30 pm

#### CONFERENCE & SEMINAR CENTRE "WE'LL MAKE YOU FEEL INCREDIBLE"

Ministry of Tourism and Recreation

This workshop is designed for all front line staff or staff from smaller establishments. As the Tourist season is around the corner, this one day workshop will provide you with the skills to give the best service to regular and visiting customers in your establishment. The workshop is limited to 20 participants.

8:30 - 5:30 pm

**FREE OF CHARGE**

## Agora

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