

Inside:

- 3 Rosehart refutes Cornell Thesis
- 4 Barclay: Silver Reflection
- 5 Results of the "Great Northern Debate"
- 6 17 new members of the 20-year club
- 8 Faces

Lakehead University Agora

THUNDER BAY, ONTARIO VOL. 6 NO. 2 FEBRUARY 1989

THE GREAT NORTHERN DEBATE



and the winner is. . .

see page 5.

Report From The President



Dr. Bob Rosehart

Visitors Impressed

Lakehead University continues to attract visitors who are interested in our approach to post-secondary education in Northwestern Ontario. Recent visits have included Dr. Tom Brzustowski, the new Deputy Minister of Colleges and Universities (ex University of Waterloo), and Bruce Strachan, the British Columbia Minister of the Environment. Mr. Strachan represents the Prince George Riding in Northern British Columbia where a group is actively promoting the development of a new "northern" university. On Friday, February 3, Viv Nelles, the Interim Chairman of the Ontario Council on University Affairs (O.C.U.A.) is to visit to have informal discussions with respect to the proposed funding formula changes and the possible impact these might have on Lakehead University.

Congratulations

i) to Dr. Pradip Sarbadhikari, Department of Political Studies, on his appointment to the review panel for the federal government's Centre of Excellence Program for International Development.

ii) to Lakehead University Northwestern teams on their competitive introduction to the Ontario Leagues. It is clear already that entry into the Ontario leagues by itself will bring greater visibility for and knowledge about Lakehead University in other parts of Ontario.

Money

Lakehead University has received a special two-year program adjustment award of \$425,000 in total from the Ministry of Colleges and Universities to cover a portion of the additional instructional in this year's expanded intake into the one-year program in the School of Education. Our proposal was well received and the resulting award is significant. Some concern was expressed by O.C.U.A. about the quality of proposals emanating from some of the universities. Incidentally, for the next year 1989/90, our first choice applicants to the one-year education program are up approximately 67% while the system increase is 5%.

Globe and Mail - Connell Editorial

Recently, "The Globe and Mail" published a major editorial article written by George Connell, the President of the University of Toronto, an article which focussed on Connell's vision of what the future Ontario system should look like. Needless to say, the Connell thesis promoted major roles for the research intensive universities and, as well, it suggested privatizing Queen's and Western but did acknowledge the special northern mandate roles of Lakehead and Laurentian. I personally take great exception to the Connell thesis, and I have submitted to "The Globe" a "Letter to the Editor". Although it is somewhat lengthy, I have repeated it in this column for your information. *{Please turn to page 3.}*

Joint McMaster-Lakehead Health Studies Co-Ordinator

Starting April 1, 1989, Peter Maurer will assume the jointly-funded role of Health Studies Co-ordinator on the L.U. campus. Peter will be assisting the current and planned academic interactions between Lakehead and McMaster and, as well, will continue to be involved in the Northern Ontario Medical Program (N.O.M.P.) which operates from the Chancellor Paterson Library. In addition to the recently-approved OT/PT Program, efforts are underway to operate a one-year Master in Health Sciences Program on the Lakehead University campus, perhaps as early as the Fall of 1989. Other initiatives in the planning stage relate to continuing education, a family practice residency program and a possible joint program in speech pathology.

Student Union Complex

L.U.S.U. has come up with a very exciting Student Union project which would go a long way to enhance "university life" on this campus especially for the approximately 40% of our student body who come directly from Thunder Bay. The initial concept proposed a few weeks ago was pricey, and we have worked with L.U.S.U. to try to reduce the cost without significantly impacting on the concept developed by L.U.S.U. The facilities being planned would be accessible to all members of the Lakehead University community, and I would encourage you to learn more about the L.U.S.U. proposal.

New Fund Drive

Having had a respectable break from the completion of the Partners Fund drive, it is

important to continue the momentum gained in that initiative. We took to the Board of Governors in January a feasibility study for a new campaign which would run from 1991 to 1995. The objective in total would be \$16 million including funds raised from all sources. Such a fund drive would present a major challenge to the Lakehead University community and would provide much needed capital funds for specific projects during the next few years. The Board approved the report produced by our consultant, John Sharpe, formerly of Lakehead University and the University of Western Ontario, and currently involved in fund-raising at Queen's University. During the next few months, efforts will be made to put a team of people together from the University community who would be interested in serious participation in the next campaign.

Academic Vice-President's Term

The current term of Vice-President Geoffrey Weller expires this June. In keeping with the initial appointment, I will, in the coming weeks, initiate a broadly constituted Review Committee which will comment on the role of the Vice-President Academic as it has developed at Lakehead University during the past 3 years as well as on the status of the incumbent.

Linda Frum Visit

Well, Linda Frum's second visit to the Lakehead University campus has come and gone, and I hope that it corrected some of her wrong impressions of both Lakehead University and the community of Thunder Bay. I was proud of the spirited defence of Lakehead University given by our students, and I was also impressed by the "cool" of Professor John Futhey in moderating the activities. Incidentally, the moose stew served to Miss Frum on the frozen shores of Lake Tamblyn was excellent.

(Ed. note: Thanks to Sarah Sabourin for preparing the stew, Debbie Tew for sharing her moose steak, Ben Kaminski for his special marinade and cooks Dave and Cindy.)

Ombudsperson Appointed

After much due process, Mary Jane Slater has now been officially appointed as Lakehead University's first Ombudsperson. Mary Jane is located in the Black Shack, ext. 8061, and I wish her all the best with this important and unique position.

**"A CLEARER PERSPECTIVE" January
12 Article on Universities in Ontario
by Dr. Robert G. Rosebart President,
Lakehead University**

In reading the Connell thesis and reacting to recent public policy debates in Ontario, I must respond with a perspective which, no doubt, in its own way, is biased by the clean air and environment of Northwestern Ontario.

My initial reaction to the Connell thesis is that it reflects a typical elitist attitude and would further exacerbate the "over concentration" of Ontario society on the small geographic area of this province known as the golden horseshoe. The position put forward is also not a new perspective. It is self-serving to a group of the Ontario system and the quote "the world turns" would be appropriate in this context. What the focus ignores is the reality that we have had in this Province a commitment to a public system of universities that, within reason, creates a form of social equality of opportunity. The result of implementation of the Connell perspective would be a significant shift backwards in terms of efforts made during the past 35 years to provide equality of opportunity. I have personal difficulty in seeing how any political perspective could support such a position.

There is no doubt that the universities have red the cumulative effects of years of underfunding. To be somewhat fair to the Peterson Government, efforts have been made since 1985 to start to address this complex issue. Recent focus on health care and housing crises have masked the increasing public opinion support for additional spending for quality education in this Province. As well, the government has sent some contradictory signals recently in terms of commitment - an example being the recent funding cuts for campus-based innovation centres. It is clear that if the current and future major public policy issues of this province are to be solved, they will be solved not by money alone, but with the problem-solving intellect of the offsprings of our university system. (I am assuming we will not import Americans to solve our public policy dilemmas).

In looking at the current state of universities, it is true that we are badly in need of increased operating and capital support. However, we are continuing to graduate students in most if not all fields who go on to fill leadership roles in society and compete favourably with university graduates from the other industrialized nations.

As a member of the Premier's Council, it is clear to me that if Ontario is to continue to prosper into the next century, we will have to increasingly live more off the "smarts" of our

population and less on subsidies, trade protection, and natural resources. Increasingly, the youth of Ontario recognize this as well as the economic benefits of obtaining a university degree and this is, I feel, one of the major reasons why more and more students are selecting the university option. Universities are good at basic fundamental research and can never hope to be somehow forced to fill the void created by a low level of industrial research and development in this province. I continue to see many opportunities for traditional university research from which public policy advice could flow but, for whatever reason, a philosophical gulf exists that inhibits progress. For example, during the next dozen years, labour market adjustment will be a major preoccupation of Ontario unions, business and government.

Where in our university system in Ontario is a focussed, concentrated research effort on this topic? I don't know. There may be such a group, but its presence is not obvious. Perhaps if governments were to impose a five-year moratorium on the use of consultants then the true value of the university system to the province might be a little more visible to the senior levels of government.

Dr. Connell was quite correct in identifying Lakehead University for the vital role that it plays in Northwestern Ontario. The mandate

of committees or financial inducements to work in the North, etc., but by working on long-term structural solutions such as graduating native students in fields of teacher education and nursing and working with other universities to create innovative health professions related programs.

I believe that the Premier was quoted once last year in the Legislature as saying that in an ideal world, "there would be a medical school in Northern Ontario". We all know that we do not live in an ideal world, but the time is long overdue in terms of trying approaches other than band-aids. Further dramatization on national television of the problems of our native peoples does not help. What is needed is a serious commitment by the native people and the Ontario and Federal Governments to work together in setting long-term objectives and working towards these goals.

Lakehead University is proud of its accomplishments and those of our faculty and students in our first 25 years of existence as we celebrate our Silver Jubilee in 1989/90. I must remind Ontarians and Canadians once again that this country is not a country of a few large cities or concentration of population but is really a diverse society, and it is this mosaic that makes our nation truly great. I am not an over zealous advo-

"the best kept secret in the Ontario university system. . ."

exercised by being a university both "in and for" the region of Northwestern Ontario could not be clearer. We have a wide range of both traditional and professional programs that serve not only students from Northwestern Ontario but also students are attracted to our institution and its programs from throughout Ontario and the rest of Canada. I like to consider Lakehead as the "best kept secret in the Ontario university system - at Lakehead, students actually get to talk with their professors". Having a special northern mandate has allowed us also to focus on native education and place emphasis on research dealing with Northern lifestyle, environmental and economic development topics. Although much progress has been made, Ontario still lags in comparison to Finland and Sweden where northern universities are used as focal points in northern development. To return to my "world turns scenario" for a moment, much attention has recently been focussed once again on the shortage of doctors and other health professionals in Northern Ontario and, as well, the social and economic plights of our native peoples. Lakehead University is tackling these problems not through the use of consultants, inter-ministe-

riate of Schumacher's philosophy "small is beautiful", but I feel that all good things do not depend on size. Lakehead University this year achieved its first Rhodes Scholar, a prized accomplishment for an institution of our size and age. Perhaps we have a Nobel Prize winner just around the corner.

Returning, in conclusion, to the badly flawed Connell thesis, I do not understand how one could ever sustain quality university teaching in an institution where research was not an integral component. The central thrust of Connell's proposition mirrors the American university system, a system with strengths as well as an inherent weakness. The shortcomings of the American (or Connell) system of social inequality of accessibility and highly variable academic standards are aspects that I would wish on any future generation in this province.

I challenge the universities, the faculty, students and government to work in a united and cohesive fashion to deal with the challenges facing the public system of universities in this province. Universities that don't want to be part of Ontario society perhaps should consider relocating to Buffalo.

Barclay: Lakehead's atmosphere 'unchanged' since '66

Lakehead University's Silver Jubilee has led people to simultaneously look to the past and the future.

The University has faculty members and staff who have been a part of Lakehead since the beginning -- or very close to it. One such person is Paul Barclay-Estrup, a biology professor and researcher.

Barclay joined the faculty of Lakehead University in 1966. "That's a fair while ago," he noted. "I arrived in a period of rapid growth." Although there have been changes over the years, he said, "I'm not sure the general atmosphere of the University has changed that much."

One notable change has been in the students themselves. "When I first came here, about 80 per cent were from Thunder Bay or the area near here," he said. "Now it's more like 50 per cent." Barclay said many of his students now come from southern Ontario.

Barclay expressed hesitancy in analyzing changes in Lakehead University since 1966 -- especially in the area of academic standards. "When you're looking back, it's hard to look back with any kind of assurance you

are being correct," he said. "When you first come out of a PhD you are tougher on students, but you mellow as you get older."

One aspect of Lakehead that has always remained the same is the small class size. "I think they're nice classes because you can get to know students," he said. In fact, he still has friends who were students when he taught his first course in general ecology. "I like teaching best when you have a close relationship with students."

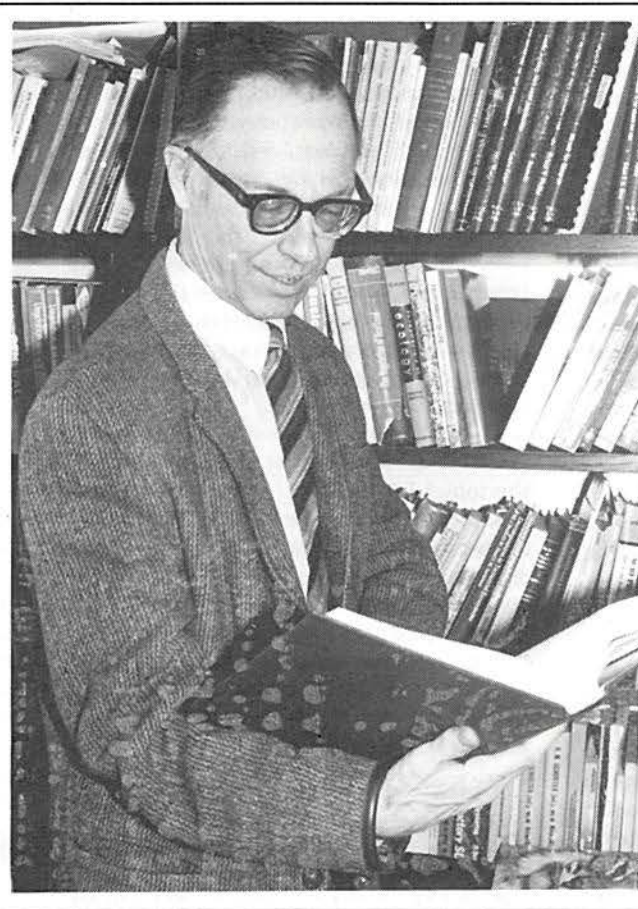
Although Barclay prides himself on being first and foremost a teacher, he has made contributions in other ways. The biologist has the distinction of having discovered a new shrub. "People find new mosses and smaller plants fairly often," he said. "But a new shrub is something else."

A series of acid rain studies in Pukaskwa National Park led to the accidental discovery of a shrub that, while common in the area, appeared uncommon to Barclay. Samples were taken and sent away for identification. The specimen turned out to be Mountain Bilberry (*Vaccinium membranaceum*), which is common in British Columbia and several other regions -- but was never before recorded in this area.

A lack of previous sightings of the shrub does not surprise Barclay. "Pukaskwa is an extremely rugged area," he said. "We went in and out by helicopter." He speculated that "it's probably a relic from glaciation that somehow got left behind."

Another plant has led Barclay on a merry chase: Scottish Heather. "It's not really an important plant, but it is a curiosity," he said.

Calluna vulgaris, as Scottish Heather is properly called, has



been a long-standing interest for Barclay, who did his doctorate on the subject. As a hobby, he has been tracing all known populations of Scottish Heather in Canada. Trips are often required to verify heather sightings. By and large, Barclay has enjoyed these trips since they afford him the opportunity to meet and get to know different people across the country.

Barclay fondly recalls a search of the Northern Rockies for a hidden population of heather. Barclay and companions spent part of two summers in search of the illusive heather -- only to discover it was a case of mistaken identity. The weeks spent combing the rugged terrain were all for naught. "There were grizzly bears up there, too," he said. "It was a lot of fun."

Born and raised in Calgary -- "It's from the Gaelic and pronounced 'Cal-gree' -- he has obtained degrees from very diverse institutions. Barclay attended UBC in Vancouver and the University of California at Berkeley before heading off to the University of Aberdeen for his doctorate. He

returned to Calgary to teach at the University of Calgary in the early 1960s.

Barclay's most recent sabbatical took him back to Scotland. Barclay and his wife, Pat, visited a number of places in Europe during their trip. Stops were made in Sweden, Denmark, Holland, France, Spain and Germany. He even gave lectures on acid rain in eastern Canadian forests in Aberdeen and Copenhagen.

There were few concerns about language barriers, during their trek through Europe. "I have a smattering of a few things, but languages have always given me problems," he said. "My wife is good at languages, so between the two of us we got along." He noted that "once on a university everyone speaks English. It's embarrassing, really," he confessed. "They speak their own language, English and usually one other (language)."

Barclay's years at Lakehead have given rise to many fond memories and entertaining stories. However, he refuses to try to peer into the future. "One thing I've learned over the years: You've got to enjoy each day for itself," he said. "Plan for the future but don't sacrifice the present for the future."

While he will not speculate on what tomorrow will hold for himself, he does have a thought about Lakehead University's future: ecology. "I'm an ecologist," he said. When I came here the ecology (movement) was just getting started and the university had an opportunity to get in on the ground floor." However, LU is still in a position to "exploit ecology as a field of research and teaching," he said. "Maybe that's the way the University should go. Perhaps the next 25 years will see Lakehead University become a leader in the field of ecology."

THE WINNER? *The Spirit of Lakehead University*

Maybe the debate between Linda Frum and Bob Rosehart lacked a serious tone. Maybe nobody addressed the larger issue of the state of Canadian universities? But despite the winter carnival atmosphere surrounding Frum's return visit, some misconceptions about Lakehead University and Thunder Bay were rectified and the students, staff and faculty rallied to defend their university and their choice to be at "the ultimate Canadian university."

With full knowledge that swords would be at the ready, the author of *Linda Frum's Guide to Canadian Universities* arrived on campus January 24 to engage in what was called "The Great Northern Debate". Professor John Futhey, Department of English, performed his duties as moderator with expertise and decorum.

President Rosehart and Frum were allowed five minutes each for their opening remarks and a spirited question and answer period from the audience followed.

In a way, it was a 'no-win' for Frum. She said that when she calls Saskatchewan flat, students nearly run her off campus. When she refers to Newfoundlanders as being by the sea, they rant and rave. A Lakehead student challenged her stereotype of Northerners as "real Canadians" who eat back-bacon and moose, wear tuques and construction boots and hug trees.

It was that "tree hugger" phrase that got Professor Chris Southcott in a lot of hot water. The infamous engineers hijacked the purported "Friend of Frum" and originator of the phrase "Lakehead people are tree-huggers" and escorted him under heavy guard to the assembly of more than 300 people. Student judge Cheryl Eckler read the charges on his warrant and, in the spirit of forgiveness, found him not guilty after his eloquent speech defending the reputation of the University and the character of all members of the University community.

In Lakehead's brief 25-year history, more than 15,000 students have graduated, a great many assuming important positions within the region, country and overseas. One issue of the debate was whether all universities could produce quality graduates. In response to Frum's elitist argument that Canada needs a "super-University" for the top students, Dr. Rosehart



mentioned Lakehead's 1988 Rhodes Scholar.

Repeating a pet theme of his, the President said he could not imagine what it would be like to have an entire class made up of students with averages over 90%.

Frum's visit on campus included a brief tour of the city (mainly to prove that Thunder Bay does indeed have at least one art gallery), the debate, her first adventure on snowshoes, a royal campus tour by students -- right down to hugging Benny Birch and the Winter Carnival penguin mascot.

Linda Frum was treated to a show of true Northern spirit and hospitality. She was served moose stew, bannock and tea, outside, of course, beside her very own quintze (snow hut) built by those indomitable outdoor recreation students. And finally, to dispel the "uncivilized" image, a tuxedo-clad waiter on skates served Frum an ice-cold local beverage.

Photo above, Chris Southcott, answers charges about his statement that "Lakehead people are all tree-buggers" while Judge Eckler looks on. Photo right, Linda Frum, demonstrates her snowshoeing technique while clutching a mug and flashing a big smile at the warm reception she received at Lakehead.



Call for Contributions

The Ninth Annual Conference on Teaching and Learning in Higher Education will be held June 17 to 20, 1989, at the University of Alberta in Edmonton.

The Conference is sponsored by the Society for Teaching and Learning in Higher Education and the Committee for the Improvement of Teaching and Learning.

The Conference on Teaching and learning in Higher Education provides a forum for faculty members, teaching assistants, educational researchers and developers, study skills counsellors, and administrators, in which they can examine ways to improve teaching and learning in post-secondary education.

Proposals for sessions, in either French or English, must be received by February 10, 1989. For further information about suggested topics and proposed formats contact Dr. Joyce Forbes, Chairperson, Senate committee on Teaching. Proposals are forwarded in triplicate to STLHE c/o CITL, 1-11 University Hall, University of Alberta, Edmonton, Alta, T6G 2J9.

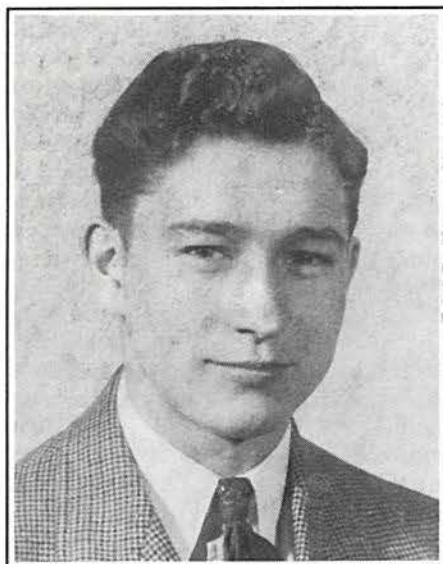
Who?

The dashing duo who appeared last month were correctly identified as George Merrill and Bill Melnyk. Professor Melnyk insists he's getting better looking each year.

What about the handsome lad in this month's photo (below)? He is:

- a) Andy Hardy
- b) Andy Weiler
- c) A modern-day Knight of the Realm
- d) A first-year student at Lakehead University

C'mon! It won't take a scientific genius to work this one out.



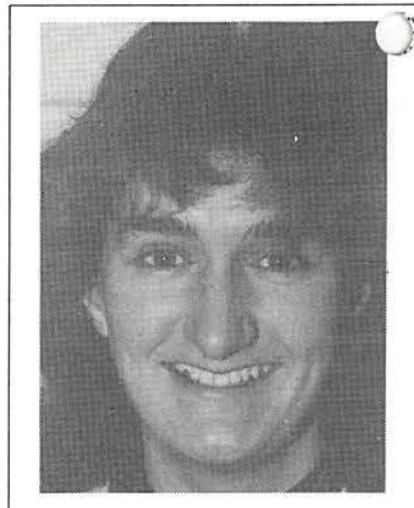
Lakehead student chosen for European tour

The Music Department will be represented in Europe this summer when a third year student goes on tour.

Joanna Griffith has been selected to join the Ontario Youth Concert Band for a summer tour of England, Austria and Germany.

The flutist is very excited about the trip. "It's a challenge and a wonderful way to see Europe," she said.

The Ontario Youth Concert Band began in 1969 and has provided more than 600 young people between the ages of 18 and 21 with the opportunity to represent Canada on European tours. Previous tours have included performances at the Stratford Festival Canada, and the Ontario Place Forum. Outside Canada they have been on the BBC in England, the Netherlands TV and West German TV.



Long-time University employees honoured

Twenty-Year Pins were given to the following recipients during the Christmas Party, December 23, 1988 at the DaVinci Centre. Ten retirees were also honoured with a special commemorative video produced by our own A/V crew: Bob Angell, John Bonfiglio and Tom Austin.

20-Year Pin Recipients

Mr. George ANDERSON,
Department of Physics
Dr. Wim BAARSCHERS,
Department of Chemistry
Miss Sharon BJORKLUND,
Registrar's Office
Mr. Charlie BOUCHER,
Housekeeping Department
Mr. Dave CORBETT,
Department of Chemistry
Dr. John GRIFFITH,
Department of
Mathematical Sciences
Professor Bill HANLEY,
School of Business
Administration
Dr. Dave HOLAH,
Department of Chemistry
Dr. Alan HUGHES,
Department of Chemistry
Dr. Dave KEMP,
Department of Geography
Dr. Clem KENT,
Department of
Mathematical Sciences
Professor Alain NABARRA,
Department of Languages
Professor Jerry PHILLIPS,
School of Business
Administration

Mr. Jim Podd,
Campus Development
Professor Dennis RODDY,
School of Engineering
Dr. Paul SATINDER,
Department of Psychology
Miss Judy WARD,
Professional Studies

Retirees

Marj WALLINGTON,
Nursing Department
Ken DAWSON,
Anthropology Department
Audrey SAXBERG,
Fine Arts Department
Stanley DROMISKY,
School of Education
Hugh MACLEOD,
Psychology Department
Stanley WALKER,
Chemistry Department
John Hugh BLAIR,
School of Forestry
John DUNCANSON,
School of Engineering
Pat Ross,
Grounds Department
Charlie BOUCHER,
Department of Physical Plant



Papers / Publications & Special Projects

Geoffrey R. Weller, Vice-President (Academic) had the following articles published: "Self-Government for Canada's Inuit: the Nunavut Proposal", *The American Review of Canadian Studies*, Vol XVIII, No. 3, Autumn 1988, pp. 341-358; and "Shaping Lake Superior's Future" *Horizons*, Vol 10, No. 3, Winter 1988, pp. 8-10.

Sharon McKay, Associate Professor, Department of Social Work has had her article, "Private Troubles, Public Issues, Global Concerns: Developing an International Network on Unemployment and Social Work", published in "The Social Worker", 56 (3), Fall, 1988. This article was co-authored by Professors Graham Riches and George Maslany, School of Social Work, University of Regina.

Dr. Easa, Professor, Department of Civil Engineering, has been appointed a consultant on a pavement management project sponsored by the Delaware Department of Transportation (DDOT). The project is conducted by the University of Delaware and is expected to continue for two to three years. The by-product of the project will be an inventory data system of Delaware highways and a computer model for priority programming maintenance and rehabilitation improvements. In collaboration with Dr. Kikuchi of the University of Delaware, Dr. Easa met with the DDOT personnel in Newark,

December 14-16, 1988, and discussed the various phases of the project and relevant research activities.

Dr. Darlene Steven, School of Nursing presented a paper titled "Suspensions and Terminations of Nurses: Legal, Arbitral and Professional Perspectives" at the Olive Anstey International Nursing Conference in Perth, Australia on December 2, 1988. The paper was delivered by Dr. Patricia Valentine, Associate Dean, Undergraduate Studies, Faculty of Nursing, University of Alberta.

Dr. Min-sun Chen, Department of History, is one of the co-editors of *East Asia Insight: Selected Papers from the Canadian Asian Studies Association Annual Conferences, 1985-1987* which was published in Montreal in 1988. One of the papers published in this volume is Dr. Chen's 1985 conference presentation in Montreal: "He Long (Ho Lung) and the Jin-Sui Anti-Japanese Base Area, 1937-1945." Other co-editors are Dr. Larry N. Shyu of the University of New Brunswick, Dr. Matsuo Soga of the University of British Columbia, and Dr. Claude-Yves Charron who is currently the Resident Sinologist and First Secretary in the Canadian Embassy, Beijing, China.

Report highlights lack of aid to part- time students

 From AUCC

Part-time students, who form 38 per cent of the Canadian university population, are not receiving the financial assistance and the academic recognition they deserve, according to two researchers at the University of New Brunswick. In a report entitled "Financial Assistance and Academic Recognition for Part-Time Undergraduate Students at Canadian Universities", Judith Potter and Anne Stapleton criticize the "misconception" that part-time students are people with enough financial resources and time to "trifle with education". Potter and Stapleton point to evidence which shows that the majority is in fact made up of married women with little income who are trying to upgrade their job-related skills. Less than 1 per cent of part-time students receive assistance under the Canada Student Loans Program because it does not provide sufficient funds or adequate repayment terms, the authors say. They urge the Canadian Association for University Continuing Education to press for government support in the six provinces where no part-time student assistance exists. The report is available from Judith Potter, Faculty of Extension and Summer Session, University of New Brunswick, P.O. Box 4400, Fredericton, N.B., E3B 5A3, Phone: (506) 453-4646, Fax: (506) 453-4599.



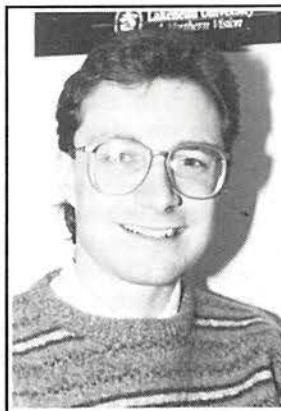
All Aboard! Bev Baccari tends the Lakehead Express, a new food cart located in the Agora, University Centre from 8 am - 3 pm daily. According to Reto Luescher, Food Services Director for Beaver Foods, the idea for a central location had been in the works for quite a while. He said other universities are using the food carts to encourage new business and increase customer convenience. Coffee, juice, muffins and sandwiches are part of the tasty fare. There is a possibility that the cart may take up residence in other areas of the University - but that is still only an idea, said Luescher. So far, the Lakehead Express is right on track.

Linda Boivin

Linda Boivin is one of the new faces in the Liaison office. She came to the University fresh from a 14-month tour of Western Canada, the US, Australia and the South Pacific. About eight months of that tour was done on a bicycle. "It's work to travel," she said. "But it's worth it." Boivin noted extended travel tends to deepen one's appreciation of a secure and stable home. She is very much an outdoor person who enjoys cross-country skiing, running, hiking -- and "obviously a lot of biking," she added. At the University, her work involves counselling students with timetable problems. She is also involved in recruitment, which involves being the go-between between the University and potential students.



Oliver Pfeiff



Oliver Pfeiff, one of the new liaison officers, is a graduate of Lakehead University's teacher program. As a liaison officer, he counsels students with timetable problems and visits various schools to talk with potential students. He even journeys to other post-secondary institutions to recruit new students. Travelling is nothing new to Pfeiff. He spent a year travelling through Europe -- bicycling about 7,000 km overall. "Instead of going by train, or bus or something, we chose to bike," he said. "You can go slowly, see the countryside and meet the people -- and it's good exercise." For the present, travel is related to work, rather than play, and he has been kept very busy with February admissions.

Margaret Sellick

Margaret Sellick is a new face in psychology. She came here from Edmonton, where she lived for about nine years. She holds a masters degree in clinical psychology and a PhD in counselling psychology. "This is my first academic position," she said. "I'm a psychologist by trade." Sellick was attracted to Lakehead by the opportunity to teach masters level students in the area of counselling psychology. Outside of work she has a four-year-old daughter to keep her busy. "I'm also an outdoor freak," she said, expressing a fondness for sailing, boating and hiking. "We've enjoyed the snow," she said. "We love it because we love to ski."



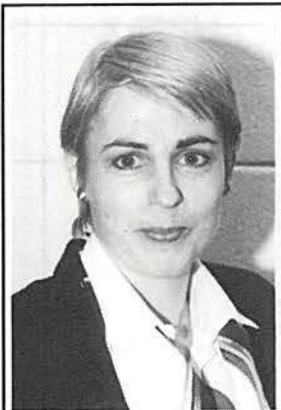
Maureen Martin



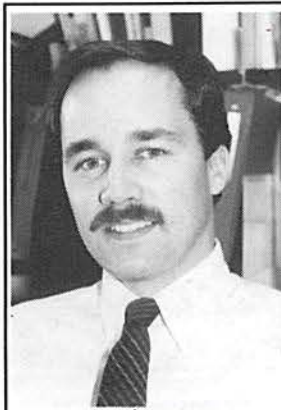
Maureen Martin is the new assistant information officer in the community relations department. She came to us from *Lakehead Living* where she was the education reporter. "There are some similarities between the jobs," she said. "But, there are quite a few differences, too." Outside the office, Maureen is kept busy preparing for her August wedding -- "I never realized how many details there were to look after." Unlike many of the people in this month's New Faces section, she is not an outdoor enthusiast -- at least not in the winter. Maureen prefers needlework, books and an occasional dose of Doctor Who adventures.

Frances Harding

Frances Harding is the new Coordinator of Alumni Services. Her career at Lakehead began in Distance Education, which "gave me the opportunity to learn about LU," she said. Harding came to us from Toronto, where she spent 10 years doing various public relations activities. Harding's first job after graduating from Carleton University was with the renowned black-light theatre company, Famous People Players. She helped with co-ordination and fund-raising from 1978 to 1980 -- including the gala opening in Toronto. She expressed excitement at the chance to take on new challenges at the University. "You have to evolve as a manager," she said.



Stephen Kinrade



Stephen Kinrade, or Steve as he prefers to be called, is a new associate professor in the Chemistry Department. He moved here from the University of Calgary, where he did his doctorate and post-doctoral fellowship. Kinrade said he was attracted to Lakehead, in part, because of the nuclear magnetic resonance cryospectrometer -- a new piece of equipment which arrived last May. "I did all my research on one," he said. Kinrade is no stranger to Thunder Bay. "I used to work summers in the area doing exploration geology," he said. His current research is related to geology in that one application could be to determine how ore deposits were formed.

Research News

FROM THE
OFFICE OF
GRADUATE
STUDIES AND
RESEARCH

Research Officer:



**Trish
McGowan**

Introduction by Dr. Murray Lankester

The deadline has passed for application to the 1988/89 Northern Studies Graduate Scholarships Competition. Twenty-three research proposals with a northern orientation were received from first and second year graduate students. Up to 17 awards, each valued at \$3000, are available. Winners will be announced before the end of January.

The next competition for graduate support from the Centre for Northern Studies is March 13, 1989. Six awards of \$5,000 each will be available for use in attracting high calibre students to engage in research projects considered to have relevance to northern regions and to Northwestern Ontario.

Other significant scholarships that will be available for recruiting new students in 1989/90 are the Institutional Ontario Graduate Scholarships (\$10,030 each) and Lakehead University Entrance Scholarships (\$1,200 each). The Institutional O.G.S. awards are also available to in-course graduate students to be held for the second year of a Master's degree or to continue on with Ph.D. studies. The Institutional O.G.S.'s are not available to VISA students.

Students must apply to be considered for the above awards. Application forms can be obtained from the secretaries of graduate departments and from the Graduate Studies and Research Office. The deadline for application is **June 1, 1989**. Decisions will be made shortly thereafter by the Senate Graduate Scholarships and Bursaries Committee.

Application for other scholarships advertised in the calendar is initiated by the student in the form of a letter to the Chairman of the relevant department. Departments recommend a winner to the Graduate Scholarships and Bursaries Committee.

NEWS FROM NSERC

1988/89 Strategic Grants Competition Results

In the 1988/89 Strategic Grants competition, 725 applications requesting a total of \$3.3 million were received. Of these, Council approved 207 new awards totalling \$14.1 million. Applications were accepted in eight areas following the lifting of the moratorium imposed last year on three of them. The areas

considered in this year's competition were: biotechnology, communications and computers, energy, environmental toxicology, food/agriculture, industrial materials and processes, oceans, and open (which includes areas of national concern other than the designated themes).

The results represent a 28.5% success rate in terms of the number of requests supported and a 26.4% funding rate in relation to the dollars requested. Applications for Strategic Grants are evaluated on the basis of the three program criteria: the excellence of the applicant(s), the scientific merit of the proposed research, and its relevance to the strategic area, equal weight being given to each criterion. As in past years, the competition was very severe, and only those proposals that scored highly on all three criteria were funded. At Lakehead, Dr. Inderjit Nirdosh (Chemical Engineering) was awarded a second consecutive Strategic Grant in the energy area for his research on the leaching of Saskatchewan uranium ores.

Council is continuing its review of the future of the Strategic Grants Program. This review involves decisions on specific program objectives, definitions, framework and other important parameters, as well as the selection and definition of topics. Council is also seeking to improve the mechanisms for the selection and evolution of research areas.

Recommendations made by the Science Council of Canada following its commissioned evaluation of the program advise that the primary objective of the program should be the training of highly qualified manpower; that grants should be considerably increased and awarded for a longer period of time (a minimum of 3-5 years); that the Program should focus on the three main enabling technologies - information technologies, advanced materials, and biotechnology - and an open area; that there should be an "opportunities section" to enable Council to respond rapidly to important new ideas; and that new funds be allocated to NSERC to make the Strategic Grants Program more truly strategic, to reach \$120 million by 1992, a significant advance on the current \$31 million allocation.

Changes to the current program will be announced soon, so that researchers will be apprised of changes affecting the 1989/90 competition well in advance of the **May 1, 1989** deadline date.

NSERC Scholarships

In the 1988 competition, 1,828 new postgraduate scholarships were offered. These were selected from the 3,710 applications, providing a success rate of 49%. Last year the success rate was 43% (1,794 postgraduate scholarships offered out of 4,203 applications). Forty-seven students were offered NSERC's most prestigious scholarship, the 1967 Science and Engineering Scholarship. There were 130 students, of which 90 were selected for interviews.

In the past, two committees reviewed postgraduate scholarship and postdoctoral fellowship applications in all disciplines. In February

1988, however, applications for both awards were reviewed by three discipline-based selection committees: Committee 1 - engineering and computer science; Committee 2 - life sciences; Committee 3 - mathematical and physical sciences.

GRANTS AWARDED



Dr. Dianne Common, Dean of Professional Studies, has been awarded a grant by the Social Sciences and Humanities Research Council of Canada (SSHRC) through the Program of Support to

Learned Journals. Dr. Common, together with Dr. Anne Jefferson of the Faculty of Education at the University of Windsor, edits the *Journal of Educational Administration and Foundations*. This grant is particularly significant because the Journal has only been in existence for 1-1/2 years and, under the terms of this Program, journals usually must be in existence for three years before they are eligible for funding. Hence, this award testifies to the significance and consistently high quality of this journal.

We wish Drs. Common and Jefferson continued success in the promotion and publication of the *Journal of Educational Administration and Foundations*.

FUNDING OPPORTUNITIES

Japanese Science and Technology Agency Fellowships

The Science and Technology Agency (STA) of Japan has established the STA Fellowships in order to offer promising young researchers from overseas the chance to engage in research at Japan's National Laboratories and at some non-profit research institutes. NSERC is responsible for publicising the program in Canada and for selecting Canadian nominees.

Researchers in any discipline in science or engineering who have received their doctorates within the last ten years are eligible for the fellowships, which may be held for periods between six months and two years. Fellowships are tenable in over 100 different Japanese National laboratories, public corporations and non-profit organizations. Approximately six fellowships will be offered to Canadians.

The STA Fellowships include round-trip air fare for the Fellow, medical insurance, and allowances for living, family, housing, relocation and travel.

Completed application forms, including a letter of invitation from the intended host laboratory, must be submitted to NSERC by:

March 31, 1989.

{Research News continued on page 10}

... More Research News {continued from page 9}

Labour Canada's Technology Impact Program

The Labour Outreach Secretariat of Labour Canada, under its Technology Impact Program, supports practical research projects dealing with the social and human impacts of technological change in the workplace, including such concerns as occupational health and safety, labour-management relations, unions and unionism, job satisfaction, productivity, and working conditions. The program will also support demonstration and pilot projects that illustrate effective methods of co-operative development and implementation of technological innovation.

The deadline for applications is:
April 30, 1989.

Ontario Ministry of Colleges and Universities - Ontario-Quebec Commission for Cooperation

The Ontario-Quebec Commission for Cooperation is dedicated to promoting cooperation and exchange between the two provinces in educational and cultural matters. One of the principal educational objectives of the Commission is to encourage cooperative efforts in scholarship and research, as well as the exchange of students, faculty and staff between the universities of Ontario and Quebec.

Funds will be available in 1989/90 for the program of exchanges and for joint research projects with Quebec universities. Of special interest to the Commission are projects concerning high tech, pollution studies and those that are industry-related.

Interested faculty should contact colleagues in Quebec to plan cooperative activities. Each institution must submit an application to its respective provincial ministry.

Application deadline is:
February 15, 1989.

The Ontario Prevention Clearinghouse -- Health Innovation Fund

In late December, Ontario Premier David Peterson announced that the Premier's Council on Health Strategy had established the Health Innovation Fund. This Fund will make financial assistance available to encourage creative projects that contribute toward the overall improvement of the health of all Ontarians, and projects that test and evaluate innovative ways of delivering cost-effective services and programs that support health.

Two competitions will be held each year for four years.

Competition deadlines are:
March 1 and October 1.

International Opportunities

The Natural Sciences and Engineering Research Council of Canada (NSERC) operates a number of International Programs. The objective of the **Bilateral Exchange Program** is to promote, support and facilitate contacts, exchanges and cooperation between Canadian researchers and their counterparts in certain countries. NSERC maintains exchanges with Austria, Brazil, Czechoslovakia, West Germany, Japan, England and Switzerland. Awards under this program provide travel funds and a living allowance.

The **International Collaborative Research Grants Program** promotes international research collaboration by providing financial support to Canadian scientists and engineers engaged in a collaborative research project with their colleagues abroad. The awards cover the cost of return airfare and may contribute towards the living expenses abroad for a period of three months.

The **International Scientific Exchange Awards Program** is designed to promote international research collaboration by providing support for visits of selected foreign scientists and engineers invited by Canadian academic institutions and research laboratories. The awards consist of a grant to the Canadian host scientist to contribute towards living and accommodation expenses of a foreign researcher for a period of one month to one year.

The deadline dates for applications for these three programs are:

March 1 and October 15.
Further information is provided in
NSERC Awards Guide.

Professional Pension Plan Update

The Joint Benefit Committee met with Turnbull and Turnbull representatives on Jan. 23 via telephone conference call. A number of matters were discussed in connection with annual rates of return, investment policy, interest averaging, minimum guarantee account, pensioners' accounts and other general matters. The actuaries have been requested to have sample calculations based upon actual members' accounts calculated under varying methods, by Feb. 28. Members who feel their statement of contributions may be incorrect should advise a member of the committee. There has not been a response from the Pension Commission of Ontario to date.

OCUFA TEACHING AWARDS

Call for Submissions: OCUFA TEACHING AWARDS FOR 1988

PROGRAM

Each year OCUFA recognizes outstanding teachers in Ontario universities through awards.

Since 1973 OCUFA has presented 176 awards.

The winners are selected by the OCUFA Committee on Teaching Awards.

Approximately ten awards are presented.

CATEGORIES

Teaching, in the context of the OCUFA Awards, embraces virtually all levels of instruction - graduate and undergraduate teaching, continuing education and faculty development. Similarly, proficiency in teaching may extend well beyond the classroom, the laboratory or the faculty member's office. Activities such as course design, curriculum development, organization of teaching programs and other significant forms of leadership are often important contributions to the instructional process. Those who excel in any of these are eligible for the OCUFA Teaching Awards.

NOMINATIONS

Nominations are invited from individuals, informal groups of faculty or students, or both, and such organizations as local faculty associations, faculty or college councils, university committees concerned with teaching and learning, local student councils, departments, alumni, etc.

Guidelines to assist in organizing a nomination should be consulted by prospective nominators and are available on request from your Faculty Association Office or the Provincial Office of OCUFA.

Nominations must include a covering nomination form (appended to Guidelines for OCUFA Teaching Award Nominations), a nominator's brief, and sufficient evidence, from as many sources as possible, to make it clear that outstanding work deserving of recognition has been done.

Direct all inquiries to: Dr. Joyce Forbes
Local Co-ordinator

Deadline for Submissions:
March 15, 1989

Fourth Annual Conference
RESEARCH AT SMALL UNIVERSITIES

April 27, 28, 29, 1989
Lakehead University
Thunder Bay, Ontario

Conference Theme:
Directions for Success: Research at Small Universities

Active involvement by faculty is encouraged
For further information contact Trish McGowan, Research Officer

Did You Know?

There are 61 registered students who are 60 years of age and over taking advantage of free tuition at Lakehead University. Of these 61 students, 27 students are from Thunder Bay and the remaining students are taking courses offered off campus. Let's hear it for life-long learning!

Lakehead University videos tackle regional issues

Two new videotapes produced by faculty members of the Department of Sociology at Lakehead University were screened by the University Senate Committee on Continuing Studies.

The Society of Northwestern Ontario and *Taking Justice to the People: The Northwestern Ontario Experience* are part of two credit courses offered through Signal North Distance Education: Sociology 110 (Introduction to Sociology) and Sociology 2220 (Criminology).

The society of Northwestern Ontario, researched and written by Dr. C.J. Southcott, deals with the major differences, social characteristics and social problems existing in Northwestern Ontario. The 60-minute tape traces the development of the region's resource-based economy by examining the fur trade, and the pulp and paper, and mining industries. Central to the program are the

problems of a dependent society with its boom-and-bust economy, lower level of affluence, and lack of access to health, social, and educational services.

Taking Justice to the People: The Northwestern Ontario Experience, researched and written by Dr. J.B. Minore, focuses on crime in the small industrial towns and Native communities of Northwestern Ontario. The first part of the program looks at the physical environment and the impact the regions's vast size has on law enforcement and the system of justice. The second part considers how the social, cultural, and perceptual aspects of the environment influence efforts to take justice to the people.

The videotapes were produced in 1988 with the assistance of Jon Ogden, Audio-Visual Producer at Confederation College of Applied Arts and Technology.

Ontario Mental Health Foundation

GRANTSMANSHIP WORKSHOPS

Friday, March 3, 1989
11 a.m. to 4:30 p.m.
Senate Chambers

This is an information session on the preparation of research grant proposals.

Researchers from all disciplines are welcome.

Lunch will be provided for all participants.

For further information
contact Trish McGowan
at ext. 8223.

Ask Dr. Weir



Dr. Neil Weir

**Professor,
Department of Chemistry**

Q I have heard that potentially cancer-causing compounds are formed when bacon is fried. What are these compounds, where do they come from, and is it correct that their concentrations are lower when the bacon is microwaved?

A The compounds to which you refer are nitrosoamines and nitrosoamides, and some of these, e.g. N-nitrosodimethylamine, are listed as carcinogens by the Environmental Protection Agency. They are formed by the interactions of nitrites with organic materials, such as amines and amides which are also present in the bacon.

Small amounts of sodium (or potassium) nitrite are added to cured meat, (such as bacon, ham, sausages and salami) as a preservative, to prevent bacterial growth (e.g. botulism growth) and food poisoning. Nitrites also impart a bright red colour to meats, which would otherwise turn an unappetising grey-brown colour during processing.

When nitrite cured meats are exposed directly to high temperatures, such as those experienced during frying, the nitrite reacts with amines to produce nitrosoamines. However, their yield is critically dependent on temperature. It appears that the opti-

mum value is 190 C degrees, and this can be reached during frying or grilling. This factor also accounts for the dependence of the nitrosoamine yield on the method of cooking. In a microwave oven, the bacon is not exposed to the optimum temperature for long enough to effect the significant conversion of nitrite to nitrosoamine; and this is confirmed by the results of US researchers, who have shown that the yield of N-nitrosodimethylamine formed during the frying of bacon is significantly higher than that formed during microwaving.

It is believed that small amounts of nitrosoamines are formed in the stomach, nitrites reacting with other dietary substrates, such as amines. Incidentally much of the nitrite we ingest comes from vegetables and from fruit juices. However, these also contain appreciable amounts of vitamin C which inhibits the formation of nitrosoamines.

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, 1989.

FEBRUARY

TUESDAY, 7

CORNWALL CONCERTS

Student recital - Instrumental Ensembles class
Cornwall School - Recital Hall CS 1006
12:30 pm
Free Admission

"What's A Woman To Do? ... Anything She Wants!"

CAREER OPTIONS FOR WOMEN

Wednesday, Feb. 8 and Thursday,
Feb. 9, 1989
11 a.m. to 3:30 p.m.
Agora, University Centre

Displays ... Surveys ... Talks
by and for Women

Key note address by the Honorable
Lyn McLeod, Minister of Colleges
and Universities on **Thursday, Feb. 9**
at 3 p.m.

FRIDAY, 10 & SATURDAY, 11

NOR'WESTER HOME SCHEDULE

Women's Basketball vs Brock University
C. J. Sanders Fieldhouse
6:30 pm
Adults \$2 Students with I.D. \$1.50
50 cents children under 12
LU students with I.D. FREE

Men's Basketball vs Brock University
C. J. Sanders Fieldhouse
6:30 pm
Adults \$2 Students with I.D. \$1.50
50 cents children under 12
LU students with I.D. FREE

FRIDAY, 17 & SATURDAY, 18

NOR'WESTER HOME SCHEDULE

Women's Volleyball vs Brock University
C.J. Sanders Fieldhouse
6:30 pm
Adults \$2 Students with I.D. \$1.50
50 cents children under 12
LU students with I.D. FREE

MONDAY, 20

FREE PUBLIC LECTURE

Speaker: Dr. Bill Heath
Topic: "Whose Lecture Is It, Anyway?
Reflections on Emerson and
Teaching"
7:30 pm Room 1021 Ryan Building

TUESDAY, 21

POSITIVE THINKING SEMINAR

Seminar Leader: Mr. Irby Stewart, MBA
Positive Communications .
7:00 - 10:00 pm
\$15.00 per person
Conference & Seminar Centre

CORNWALL CONCERTS

Student Recital - Solo performances
Cornwall School - Recital Hall CS 1006
12:30 pm
Free Admission

FREE PUBLIC LECTURE

Speaker: Ross Kilpatrick, Head of the Classics
Department at Queen's University
Topic: "Yoshio Markino, A Japanese Artist
in Rome"
8 p.m. Ryan Building RB 1022

WEDNESDAY, 22

FREE PUBLIC LECTURE

Speaker: Dr. S. Sellick
Topic: Psychosocial Oncology -
State of the Art
2:30 - 3:30 pm SN 1015

MONDAY, 27

LISTENING SEMINAR

Seminar Leader: Dr. Daniel Klassen,
M.Ed., PhD Professor Lakehead University
Topic: "The Quiet Side of Talking.." The
power of listening in marriage, family and
work place.
\$15.00 per person
7:00 - 8:30 pm
Conference & Seminar Centre

TUESDAY, 28

Senate

9:30 a.m.
Senate Chambers

MARCH

WEDNESDAY, 1

FREE PUBLIC LECTURE

Speaker: Dr. B. O'Connor
Topic: "What do Personality Judgments
Tell Us About Personality?"
2:30 - 3:30 pm SN 1015

TUESDAY, 6 & WEDNESDAY, 7

FREE CAREER PLANNING FOR ADULTS

Seminar Leader: Mr. John DeGiacomo,
B.Admin. Program Office - Training
Confederation College of Applied Arts &
Technology
Topic: "Career Planning for Adults"
7:00 - 9:00 pm
Conference & Seminar Centre

TUESDAY, 7

CORNWALL CONCERTS

Felicia Urbanski - Violin
Cornwall School - Recital Hall CS 1006
12:30 pm
Free Admission

Agora

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Director of Community Relations:

John Russell,
Editor: Katherine Shedden
Assistant: Maureen Martin
Calendar: Flo Sherren
Photography: Peter Puna
Graphics: Ben Kaminski, Debby Tew
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Address correspondence to:

Editor/ Agora
Information Office SN1002
Lakehead University
Oliver Road, Thunder Bay, Ontario, P7B 5E1
(807) 343-8631 or 343-8300

celebrating
our Silver Jubilee



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2