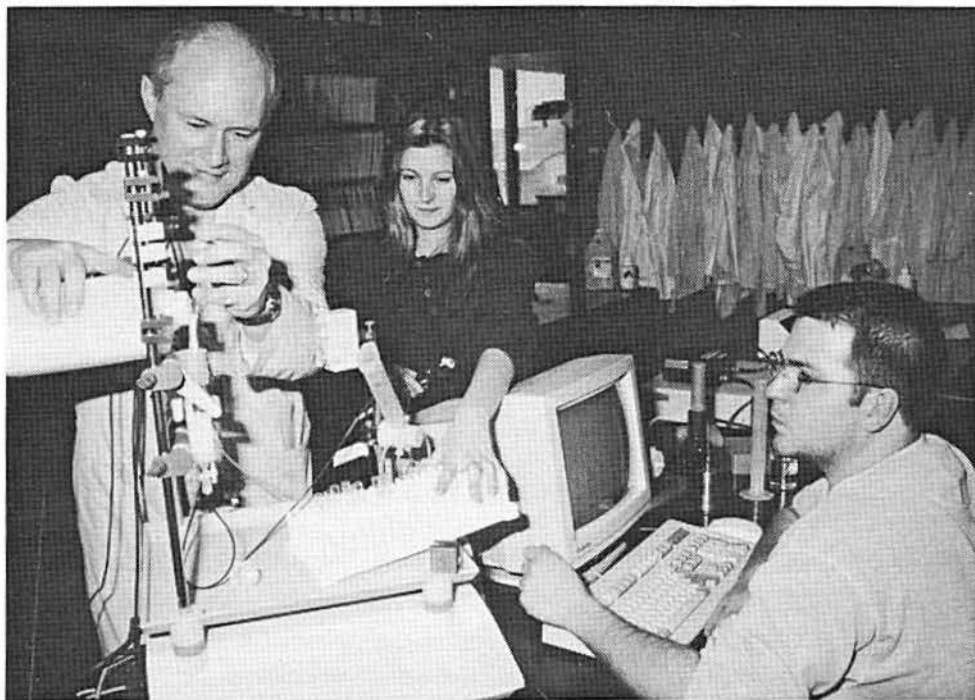


Agora

A Newsletter for Faculty and Staff



Dr. Lada Malek is spearheading an innovative program to involve high school students in Lakehead's Applied Bio-Molecular Science program.

He is shown here working with two of the programs mentors: Derek Demianiuk (right) and Renee Praymak (centre), both fourth-year ABMS students.

The curriculum focuses on biotechnological, forensic, health-based and diagnostic applications of bio-molecular research.

Applied Bio-molecular Science

Students enrolled in this interdisciplinary program are gaining skills to work in bio-molecular research

by Usree Bhattacharya

Lakehead's Applied Bio-molecular Science program, instituted in 1998, will witness the graduation of its first batch of students in 2001.

The program is interdisciplinary in nature, with the departments of Biology, Chemistry, Kinesiology and Anthropology uniting to form a cohesive curriculum.

Lakehead students enrolled in the program are educated on, and equipped with practical skills for, the applications of bio-molecular research in varied fields including chemistry, biology, kinesiology and anthropology.

The successful commingling of various departments to form a unique single curriculum allows students to keep their options open for future specialization, and covers a broader knowledge base than individual programs.

The students also benefit from the thriving partnership with the Northwestern Ontario Regional Cancer Centre, and the newly conceived high school mentorship program being spearheaded by Dr. Lada Malek, a professor in the Department of Biology.

continued on page 7

From the President's Desk



by
Dr. Frederick F. Gilbert
President

We move into 2001 with optimism that finally we might see our unfunded student situation rectified. The Government is reviewing the funding formula and it is our hope that after a decade of severe underfunding, Lakehead will receive its fair share of provincial support. If it happens it could not come at a better time as our budget situation requires substantial movement toward support for all our students. If the University is to realize its full potential it must be funded fairly.

As was announced last month, Mrs. Bev Stefureak has accepted a position at the University of Toronto and will leave Lakehead early in February. Bev will be missed by many here but her talent and work ethic will serve the University of Toronto well. Having had her assistance for my tenure at Lakehead, I fully expect that the University of Toronto will be more than satisfied with Bev's abilities and performance. I am certain we all wish her well in her move "down east."

Dr. Bill Montelpare has been appointed acting dean of graduate studies. He will provide the leadership for the advancement of graduate education at Lakehead and allow Dr. Mark Howe, who becomes dean of research, to concentrate his energy on research activities and the Centre of Excellence for Children and Adolescents with Special Needs for which he serves as a national director with Dr. Julia O'Sullivan, dean of education. The latter responsibility commands 20 per cent of each of the national directors' time as part of the University's contribution.



Dr. Bill Montelpare

Later this month we will announce a new partnership for the University that will see, as part of the agreement, a major upgrade in campus telephony that will place Lakehead at the forefront of communications technology. This partnership will have important implications for the Advanced Technology and Academic Centre as well as research and academic programming. In fact, 2001 should see a series of announcements that will impact the future of the University, the city and the region in a very positive way.

ATAC has become a \$44 million project and the contract on the foundation will be let this spring with construction to commence this summer. Fund-raising efforts are now under way to raise the \$19 million in cash and equipment to allow completion of the project.

I hope everyone had an enjoyable holiday break and I wish all a very successful and productive New Year.

LUMINA Concert Series

Music in Common

Peter Shackleton, clarinet, Derek Conrod, horn, Heather Morrison, piano
Tuesday, January 16 at 8 p.m. at the Thunder Bay Art Gallery

Piano Six

Bernadene Blaha
Tuesday, January 26 at 8 p.m. at St. Paul's United Church

Robert Silverman, piano

Thursday, February 15 at 8 p.m. at Jean McNulty Recital Hall, Lakehead University

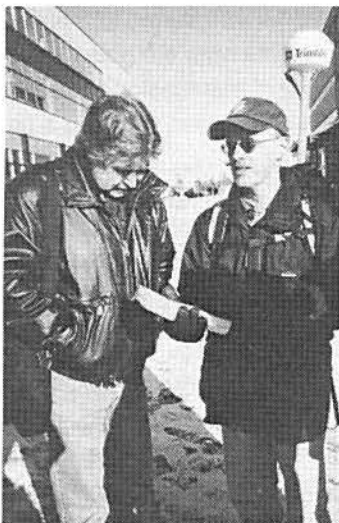


Farewell Reception for Bev Stefureak

Bev Stefureak is leaving Lakehead University on February 2 to take up a new position as assistant secretary of the Governing Council of the University of Toronto.

She has served Lakehead well for the past 17 years as executive assistant to the president and secretary to the Board of Governors, and formerly as secretary of Senate.

*Please join us for a farewell reception on
February 1, 2001
at 4 p.m.
in the Faculty Lounge*



Joe Muller (right) acquaints Dr. Walter Epp with the use of a Global Positioning System as a tool for research and navigation. The demonstration was part of a brown bag lunch seminar series given in December by Dr. Bradley Wilson (Geography).

New Initiatives to Improve Communications

EVENTS AT LAKEHEAD

A New Weekly Electronic Bulletin

In response to a request from the Board of Governors' Student Liaison Committee to improve campus-wide communications with students, the Office of Communications and the Lakehead University Student Union are jointly involved in an important new initiative.

Together, they are producing *Events at Lakehead*, a weekly electronic bulletin, delivered on Friday evenings, listing events and activities happening on campus from the following Monday to Sunday.

Events at Lakehead is distributed to all students via the new Web-based student e-mail system. It also goes to all staff, faculty and media outlets. Notices of events must be received by the Office of Communications no later than 4:30 p.m. on Thursday to be included in the next weekly e-bulletin. They are to be sent to:



Jennifer Willianen

Office of Communications

E-mail: communications@lakeheadu.ca

Fax: 343-8075

COMMUNICATIONS BULLETIN

An Electronic Bulletin for Urgent and Important News

In light of the creation of *Events at Lakehead*, there have been changes to the *Communications Bulletin*, which, for the past year or so, was an electronic bulletin listing campus news and events that had been going out *daily* to all faculty and staff. The *Communications Bulletin* will still be delivered to all staff and faculty -- although not necessarily on a daily basis. It will revert back to what it was originally intended for: as a means for Lakehead University to notify staff and faculty *immediately* about important (and at times urgent) developments on campus.

LAKEHEAD LINES

A Weekly Column Highlighting Lakehead Events in *The Chronicle Journal*

In early January, the Office of Communications began publishing *Lakehead Lines*, a weekly column in *The Chronicle-Journal* featuring events taking place on and off campus. The column is written by Jennifer Willianen, analysis and communications assistant.

We hope that these new initiatives will result in greater awareness of Lakehead University activities and greater attendance at Lakehead University events. If you have any questions, concerns, comments or suggestions, contact Nancy Angus, communications & public affairs coordinator, at 343-8372.

ENGLISH 1100: Major British Writers with Dr. Bill Heath

A Glimpse Into the Classroom of one of Lakehead University's
Distinguished Instructors

by Dr. Philip Alingham, Faculty of Education

Recipients of Lakehead University's Distinguished Instructor Award were invited to participate in the New Faculty Orientation Sessions held at the beginning of September. This initial participation is evolving into a mentorship/peer review process in which new faculty members are visiting classrooms of Distinguished Instructors. Enjoy this glimpse of Bill's classroom. It is almost as good as being there.

-- Dr. Walter Epp, Instructional Development Advisor

The students began arriving as soon as the previous lecturer had left, at about 10:25 a.m., on Wednesday, November 15. Having e-mailed Professor Heath the night before that I would like to sit in on this class, I ensconced myself in the last row, the position of the anonymous: I was surrounded by young men.

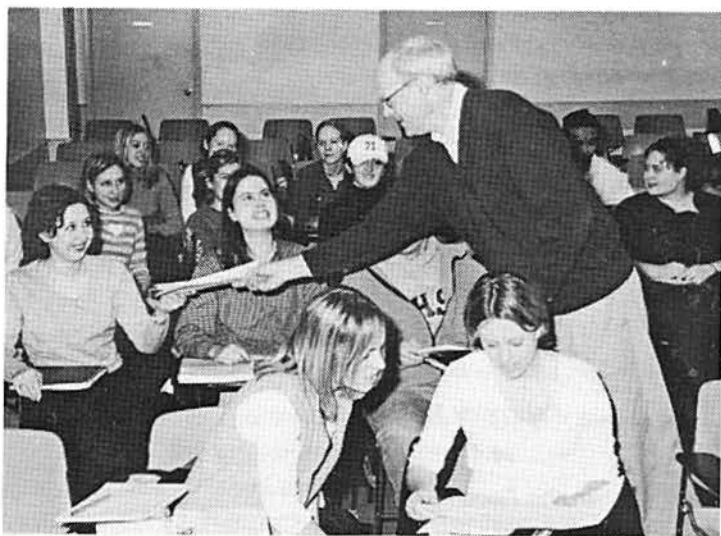
Up at the front of the class, where the activists were sitting, the class began crisply, as Professor Heath delivered a kernel lecture, interspersed with questions to check for understanding and ensure student involvement, on the rediscovery of the works of John Donne by T. S. Eliot and the New Critics in the 1920s after three centuries of obscurity.

Hands shot up from among those at the front and in the middle rows whenever he called for response or input. I was impressed by Bill Heath's knowledge of his students' names, and how he called upon individual students by name to define such terms as "denotative" and "connotative."

Although, he explained, New Criticism's attitude that matters of historical and biographical background should be "off the table" is now passé, the New Critics have contributed the concept of "close reading" of text.

Bill began to build consensus about the nature of love poetry. Students volunteered answers to his question, "What are your expectations of a 'love' poem?"

On the board he graphed the discussion as it progressed. One student anticipated his intention to review "How Do I Love Thee, Let Me Count The Ways," which Bill then asked the students to look at in their big texts.



Dr. Bill Heath received a Distinguished Instructor Award in 1992

He read the poem in its entirety, following up with commentary about the nature of love poetry, then contrasting Donne's "The Sun Rising" by Donne with the Elizabeth Barrett Browning sonnet.

Even to an outsider unacquainted with the course, the class was an interesting, even an exciting place to be because Bill worked so hard at involving and engaging the students in academic discourse.

Immediately I noticed that Bill does not like to break a text up: he reads it right through without a pause or a comment.

The opening mood of Donne's poem, students variously volunteered, is "cranky," "irritable," and "irritated" -- Bill was not satisfied with an approximate, colloquial answer, but drove students to make their responses more formal and precise.

continued on page 5

English 1100 with Bill Heath continued from page 4

He made the class see the motivation behind the mood and dramatic context by examining the implications of the word "busy" as the persona applies it to the rising sun. These connotations he drew out of the students: "intrusive," "a busybody."

Connotatively, Bill argued, the sun is characterized as "a busy, old fool" because it cannot appreciate the experience of the lovers.

One student saw the term "unruly" as ironic, a point which Bill developed into a coherent interpretation: the sun's rising and setting usually make us think of the sun's movements as regular rather than erratic. Another student noted that the persona is not directly addressing his beloved, as in the EBB sonnet, but is chastising the sun for interrupting them. Thus, Bill revealed that the initial situation in Donne's poem, in contrast to EBB's sonnet, is highly dramatic, that a complete scene may be inferred from the persona's lines addressed to the sun.

"Lovers' seasons" are governed by the motions of the sun (by implication, by time, by aging), but "Must things be this way?" the persona seems to ask.

Bill introduced the term "diurnal," but did not automatically assume that this was a part of his first-year students' vocabularies. He defined and applied it to the sun's motions, then showed how "saucy, pedantic wretch" intensified the insulting tone: impudent, disrespectful.

Students seemed momentarily stunned by Bill's question as to why Donne has applied the term "pedantic" to the sun, so he backed up, using the term as a pejorative that could even be applied to the professorate in general and even to himself (he enacted a pedantic pose): the self-denigration in creating a little humour eased the discomfort of students as he urged them to look up words with which they are unfamiliar because such an activity is integral to completing assigned readings. "I expect to see more hands tomorrow."

He carried the class when gaps in understanding became apparent, but did not relent when he wanted students to define words, give their associations, or explicate lines.

He had an impressive delivery, never referring to notes as he annotated passages with pertinent scientific (e. g., "eclipse"), grammatical (e. g., inverted word order), and historical information to demonstrate the freshness of Donne's diction and his innovative handling of the form of the love poem.

Finally, I was impressed by the fact that Bill Heath did not feel compelled to cover the entire poem in 45 minutes, that he realized students needed to be guided through the language, particularly the metaphors, if they were to be led to an understanding of Donne's style.

Afterwards, he and I had a brief discussion about the class. I applauded his determination to make the students more aware of language, to make them careful readers. It was a highly stimulating class, and one that I would urge colleagues to attend.

Books by Lakehead Faculty

Department of Sociology

Routledge has published a book edited by Dr. Gary Genosko entitled *Deleuze and Guattari: Critical Assessments in Three Volumes* as part of a series of reference texts on the leading philosophers of the 20th century. Gilles Deleuze (1925-95) was a French philosopher who collaborated with psychoanalyst Felix Guattari on three explosive and radical books of philosophy.

Genosko is a specialist in cultural sociology and contemporary sociological theory. In 1999, he published another book with Routledge entitled *McLuhan and Baudrillard: The Masters of Implosion*.

Genosko is editor of *The Semiotic Review of Books*. He is currently working on a book about Jean Baudrillard who came to be known as "the French McLuhan." It is entitled *Uncollected Baudrillard*.

School of Kinesiology

Oxford University Press has published a book edited by Dr. Jane Crossman entitled *Coping with Sports Injuries: Psychological Strategies for Rehabilitation*. The book brings together leading researchers from sports science and medicine to discuss and explain the ways in which the athlete is psychologically affected by injury. It then provides effective and proven methods for helping the athlete through this difficult period.

Department of History

Dr. Bruce Muirhead has received the Joseph and Faye Tanenbaum Award for Canadian Jewish History for his book, *Against the Odds: The Public Life and Times of Louis Rasminsky*. He was presented with the award at a ceremony in Toronto in June 2000.

Public Lecture

Dr. Charles Menzies, Department of Anthropology & Sociology, University of British Columbia, will give a lecture on Friday, February 2 at 2 p.m. in FB-2002 (Centre for Northern Forest Ecosystem Research) on the topic: *Making Indians and Catching Fish: Industrial Resource Extraction, Race and Colonialism on the Northwest Coast*.

Research News

Community of Science: Making the Search for Funding Opportunities and Research Experts Easy

The Community of Science (COS) offers researchers in all disciplines around the world a unique comprehensive online database featuring sources of grants and contracts available to fund research, collaborative activities, curriculum development, conferences, fellowships, travel, artistic endeavours, graduate scholarships, postdoctoral fellowships, and equipment.

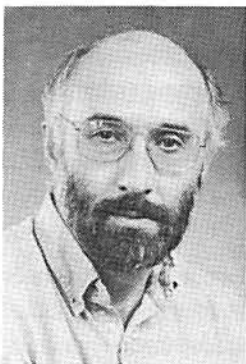
The database is updated daily and can easily be searched by sponsor, deadline, eligibility, grant type, discipline and country.

The expertise database utilizes the profiles provided by researchers in a variety of ways including promotion of research capabilities, identifying peer reviewers for articles and proposals, and identifying prospective collaborators. This is an excellent opportunity for faculty to profile their basic or applied research activities and provides comprehensive, detailed information about the background, skills, and accomplishments of each faculty member.

You may try these various online databases by referring to the following Web site: <http://www.lakeheadu.ca/~researchwww/funding/science.html>. Contact Lynn Wilson at 343-8283 if you have any questions about COS. Please note that the next issue of *Research Funding Opportunities Bulletin* will be e-mailed to all faculty in January 2001.

New Partnership with Environment Canada

Environment Canada and Lakehead University are working cooperatively to advance knowledge in atmospheric science, environmental prediction and environmental issues.



In September, a new Memorandum of Understanding was signed which formally recognizes the partnership which was established last spring.

Under the agreement, Dr. Fred Hopper, Environment Canada's environmental science officer in Ontario Region's Thunder Bay Regional Weather Centre, will work as an adjunct professor and teach a second-year course in meteorology.

Joint research efforts will focus on improving meteorological products, facilitating the exchange of meteorological expertise between other environmental scientists, and studying environmental issues particularly relevant to Northern Ontario.

Mapping Research on Women and Health in Northern Ontario

Dr. Pamela Wakewich (Sociology/Women's Studies) has been awarded a grant from the National Network on Environments and Women's Health to identify, collect and review academic and community research on women and health in Northern Ontario. The project will map the current state of published and unpublished research through the development of a working paper. The project will also work to enhance communication and networking among researchers interested in northern women's health through a community workshop.



Anne Deighton
appointed
University Librarian

Anne Deighton has been appointed university librarian for a five-year term commencing January 2, 2001. She has served Lakehead well as chief librarian over the past three years and will continue to provide the leadership needed to move the Chancellor Paterson Library forward in an increasingly electronic age.

In 1970, Deighton completed a Bachelor of Library Science at the University of Toronto (the professional working degree at the time). She joined Lakehead University as the acquisitions librarian in 1976 and, since then, has held a number of different positions including interim chief librarian (1996-1997) and chief librarian (1997-2000).

Recent accomplishments include the negotiation of a contract to purchase the Voyager information management system – an integrated information management system designed specifically for academic and research libraries.

Her priorities for the coming year are to convert more of the University's resources to electronic format and to provide access to licensed materials both on an off-campus. This will greatly improve access to resources for Lakehead's Distance Education students.

The Library will also continue to develop and update content for its instruction sessions for students and faculty. "Information literacy," she says, "is a key service provided by the library."

Applied Bio-molecular Science continued from page 1

The Applied Bio-molecular Science (ABMS) program is bolstered by the calibre of its primary instructors including Dr. John Th'ng, a career scientist with the Northwestern Ontario Regional Cancer Centre, and a number of Lakehead University faculty including Dr. El Molto and Dr. Ryan Parr of the Department of Anthropology; Dr. Kam Leung of the Department of Biology; Dr. Christine Gottardo of the Department of Chemistry; and Dr. Bill Montelpare and Dr. Robert Thayer of the School of Kinesiology.

Malek sums up the advantages of the program as follows: "The students in the program are not limited in their thinking that there is only one discipline for them; they can explore all these exciting areas as well as get a good grounding in bio-molecular science."

The novel interdisciplinary characteristic of the program enhances the research resources for the students, as the combined resources of four departments are at their disposal. "The students are allowed to pick and choose: the program is relatively flexible," says Malek, "and they have various options within the confines of the program."

Students in the program are exposed to both the technical and ethical aspects of the field. The DNA lab is comprehensively outfitted for students and faculty to undertake the analysis of proteins and DNA, for example.

A fourth-year course, taught by Malek, covers biotechnology from an ethical as well as technical perspective. This is engineered to make students "think about the implications of what they are doing."

The program accent is on biotechnological, forensic, health-based and diagnostic applications of bio-molecular research. Graduating students will be eligible for employment as laboratory technicians in an academic or industrial setting, or they can pursue a master's degree in any one of many disciplines.

The innovative high school mentorship program is directed to "train senior bio-molecular science students with management skills" and acquaint high school students with this exciting program, says Malek. The project entails senior bio-molecular science students "mentoring" high school students in a specific project, by using "the high school students' technical abilities to a degree, but also giving them enough leeway so they can contribute their own ideas, and this is beneficial to everybody."

The Northwestern Ontario Regional Cancer Centre has a symbiotic relationship with the program. It is a potential funding partner for the program and the partnership is based on reciprocal resource pooling. The future of the program, Malek says, would revolve around the "consolidation of the

partnership between the involved departments and the Northwestern Ontario Regional Cancer Centre" and further "efficiency in the sharing and pooling of resources." As the program develops, he says, its good reputation and credibility will likely result in a greater intake of students.

As the students will attest, Lakehead's Applied Bio-molecular Science program is comprehensive, career-oriented and an excellent entrance into the dynamic field of molecular biology and biotechnology.

Usree Bhattacharya is a graduate of Delhi University who is currently taking her master's degree in English at Lakehead University. She is one of several students participating in SPARK -- LAKEHEAD a student writing program sponsored by The Chronicle-Journal.

Staff and Faculty Appointments

Employment notices were issued by Human Resources announcing the following appointments:

Dr. Michael Quinn -- Assistant Professor, School of Outdoor Recreation, Parks and Tourism

Kathryn Hauck -- Security Communications Officer

Helen Wassegijig -- Coordinator, Native Language Instructors' Program, Faculty of Education

James Davis -- Security Communications Officer

Julie Wright - Library Assistant, Faculty of Education Library

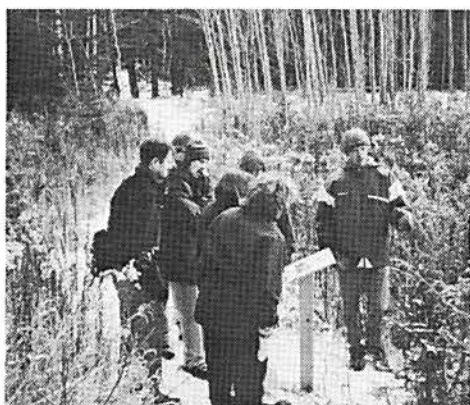
As well, **Kristine Carey** has transferred from the Office of Alumni Services to the Departments of Geology and Physics; **Karen Farrier** has transferred to the Faculty of Education as administrative assistant; and **Sandra Blackburn** has transferred to the School of Kinesiology as administrative assistant.



ARAMARK Appoints New Staff

ARAMARK Canada Ltd. announced in December that **Graham Marchbank** (left) is Lakehead's new food service director. He replaces Adam Rhode who has accepted a new position with the company. **Reg Guerin** (right) is the assistant food service director. He joined the company in November.

"Fox Run" and "Eagle's Eye"



Thanks to the initiative of four Forestry students, Lakehead University has two new nature trails which showcase the natural beauty of its campus.

Thomas Kirkbride, Ben Bartlett, Alex Dunn and St phane Audet completed the project last fall as part of a class assignment in Forest Soils. "We wanted to create a project that can be seen and appreciated for years to come," they said.

The Nature Trail runs along the McIntyre River on the north and south sides. It includes eight information stations and a large sign which can be seen from the parking lot of the C.J. Sanders Fieldhouse.

The students are grateful to everyone who contributed to the project especially David Hare, manager of residence and conference services, Dr. Leni Meyer, Dr. K.C. Yang and Brian Moore from the Faculty of Forestry and the Forest Environment, Leonard Roy from The City of Thunder Bay, Sheldon Reproduction Centre, and Lakehead University's Department of Physical Plant.

Events on Campus

www.lakeheadu.ca/~eventswww/news.html

Thunder Bay Branch, CIIA

invites you to attend a

Public Lecture

by

Dr. Paul Buteux, Director, Centre for
Defence and Security Studies, University
of Manitoba

"The European Security and Defence Policy: Implications for Canada"

Tuesday, January 16

8 p.m.

Senate Chambers (UC-1001)

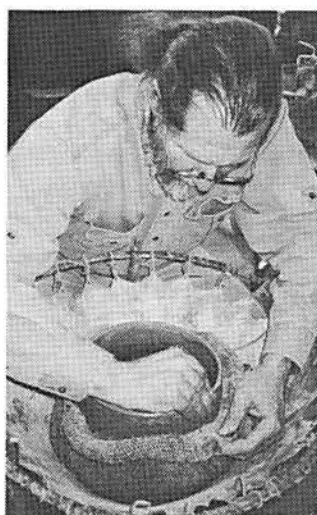


Photo: Sarah Link

Grant Goltz, a Minnesota-based archaeologist, soils expert and potter, conducted a weekend workshop in October to demonstrate the pottery techniques he believes were used by Aboriginal peoples in this region from 600 to 1200 A.D.

He donated three large pots to the Thunder Bay Potters' Guild collection which are currently on display in the Lakehead University Ceramics Studio.

Lakehead UNIVERSITY

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