

Agora

A Newsletter for Faculty and Staff

Convocation Messages

Speak of Optimism and Change

by Frances Harding

Two Honorary Degree recipients shared their wisdom with about 775 members of the graduating class who attended Convocation on Saturday, May 26.

In the morning, author Carol Shields (represented by her daughter Catherine) spoke about the importance of finding work that you love because work "places us inside the wheel of human experience."

"You will form lifelong attachments, you will travel, perhaps have children of your own, but your future will, in very large part, be your work. Your task will be to bring creativity or excellence -- or both -- to work which may at first not open to those twin assaults. Another task will be to contribute to making the workplace more equitable, more humane, more graceful, more rewarding for everyone -- in short, a happy, productive environment. The day of the bossy boss is over. The work hierarchy is being challenged and reconstructed. The old way was too hard on everyone."

In the afternoon, teacher and wildlife biologist Jack Ward Thomas, spoke about his optimism in our ability to resolve the most important challenge -- "living well on our Spaceship Earth and passing on our legacy from generation to generation intact."

"We have the experience, knowledge, technology, and skilled people to make headway in heading off, mitigating, and repairing environmental problems. It comes down to focus, will, understanding, setting priorities, and caring...."

"In 40 years or so, one of today's graduates, weighty in years and achievement, may address another graduating class. The speaker will acknowledge achievements made in the husbandry of the Good Earth since the century's turn. She will marvel at new understandings and knowledge and note expansion in the human mind and spirit and the extension of ethics to include the land itself."

The award for outstanding citizenship given to a student who has contributed most to the welfare of the University

went to Michael Poulin -- a strong advocate for the Aboriginal community and students.

During his undergraduate years, Poulin worked full-time as the HIV/AIDS Coordinator of the Ontario Native Women's Association, and was appointed their

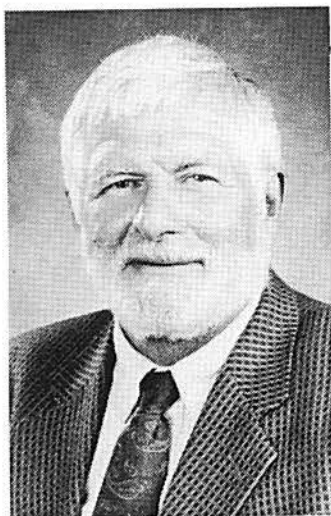
representative on the Lakehead University Aboriginal Management Council (AMC). In addition, he served as AMC's representative to Senate, president of the Lakehead Social Planning Council, chair of the Aboriginal Interagency Council, and Cultural Coordinator of the Lakehead University Native Students Association.

In recent years, Poulin was instrumental in forming a partnership between Aboriginal students and LUSU to establish an Aboriginal Commissioner within LUSU, and approving a proposal to establish an Aboriginal Cultural Awareness Centre..

Poulin graduated with an Honours Bachelor of Arts (Political Science). He is shown holding the Poulin Award which was named in memory of the late Robert Poulin (no relation to Michael) in 1951.



From the President's Desk



by
Dr. Frederick F. Gilbert
President

Convocation, despite the gloomy weather, was another wonderful day. The glowing faces of the graduates and their friends and family certainly more than compensated for the climatic conditions. Both speeches by the Honorary Degree recipients, Carol Shields and Jack Ward Thomas, were challenging and upbeat. Certainly both from the different perspectives of the arts and the sciences, showed the value of the individual in helping to bring about positive change whether in the work environment or the planetary environment. It was especially gratifying to see Jim Colquhoun and Tony Seuret receive Fellow of the University recognition. There are so many people from Thunder Bay and beyond who have volunteered their time and effort to the University as well as their community. All are appreciated and it is important to recognize their contributions at the time of Convocation. The success of our alumni/ae was represented in the Alumni Honour Award given to Peter Prior. All in all, a special day with special people involved. Our new graduates will do well if they emulate any of the awardees in their own personal careers.

As can be seen elsewhere in this edition of the *Agora*, Lakehead University continues to receive awards for the actions of its faculty, staff and students. In addition to those mentioned in these articles is the success of our civil engineering students in the steel bridge contest at Clemson University where, as the only Canadian team, they placed 16th in a field with 42 U.S. universities. Having won the mid-west competition three years straight, our students and faculty in Civil Engineering clearly demonstrate their excellence. Also, Lakehead received an award from

Ontario Library Resources-North for the pioneering efforts of LU-Net in connecting Northwestern Ontario to the Internet by making LU-Net available in community libraries. Two publications by the University won 2nd and 3rd place awards in the annual report and fund-raising categories respectively of the Canadian Council for the Advancement of Education. Our Business Administration students ranked in the top six teams in Canada in this year's Intercollegiate Business Competition at Queen's University. These are but a few examples showing that Lakehead competes successfully with the best in North America and makes contributions to its region that have significant impact on people.

We can be justifiably proud of our University especially considering that all this is accomplished with funding per student well below the provincial average. This inequity has been a constraint on us all but despite the unfairness of the funding situation, Lakehead has demonstrated an extraordinary ability to excel under difficult circumstances. Once we are able to complete on an equal footing from a funding perspective, our impact will be further enhanced.

Well done and congratulations to all who have made Lakehead University recognized for the quality of its efforts. There is a lot more to come!

Mark Your Calendars

18th Annual

Alumni Association Open

Strathcona Golf Course

Friday, August 24, 2001

To register, call

Alumni Relations 343-8155

Honours, Awards & Appointments

Water Resources Engineering Students Bring Honours to Lakehead University

Amin Eishorbagy, who has completed a doctoral thesis entitled "Group-based Estimation of Missing Hydrological Data" under the supervision of Lakehead University Professor of Civil Engineering U. S. Panu and Professor Simonovic of The University of Western Ontario, has been awarded the prestigious NSERC Fellowship for two years (valued at \$70,000). Eishorbagy will conduct his post-doctoral research investigations in water resources engineering at the University of Kentucky, Lexington Campus.

In a nationwide competition conducted by the Canadian Society of Civil Engineering, the undergraduate project supervised by Professor Panu and entitled "Corrosion Study of the Thunder Bay Drinking Water Supplies" by Christopher Martin (BEng 2000) has won the first place in the Environmental Engineering Division. The award will be presented at the upcoming CSCE Annual Conference in June.

2001 Alumni Entrance Award

The Alumni Association is pleased to announce that Raymond Balec has been awarded the 2001 Alumni Entrance Award. Balec is a graduate of Sir Winston Churchill Collegiate and Vocational Institute where he has been the school champion for the Canadian Mathematics Competition for the last two years. He was also the first student in Northern Ontario to be one of the top three in the CA Challenge 2000 OAC Accounting Contest. Balec plans to study biology at Lakehead in preparation for medical school.

Lori Chambers receives Prentice Award

Dr. Lori Chambers, an assistant professor of women's studies, is the recipient of the Alison Prentice Award for 2000, granted by the Ontario Historical Society. She receives this award for the best book on Ontario history in recognition of her book *Married Women and Property Law in Victorian Ontario*, published in 1997 by the University of Toronto.

Employer Support Award

The Canadian Forces Liaison Council awarded Lakehead University a national Employer Support Award (Special Award for Support to Operation ABACUS) to recognize the University as an employer who has been particularly supportive of its employees' reservist military service. Dr. Fred Gilbert received the award at a national ceremony on Parliament Hill on June 2 from the Minister of National Defence and the Chief of the Defence Staff. Captain Robert Omeljaniuk of 736th (Thunder Bay) Communication Squadron, who made the nomination, attended the ceremony and formal military dinner in Ottawa with Dr. Gilbert. Omeljaniuk is an Associate Professor in the Department of Biology at Lakehead University. The award recognizes Lakehead University Senate's passing of a formal motion in November 1999 granting all Reserve Force students "approval for absence from classes without academic penalty in support of Operation ABACUS." This action affected 70 Lakehead University student Reservists in the Thunder Bay Garrison (38th Brigade). The motion ensured all Lakehead University faculty would make alternate arrangements for student examinations and assignments in recognition of particular time constraints imposed by their participation in Operation ABACUS.



Meloche Monnex Fellowship in Alumni Affairs

Lakehead has secured a Meloche Monnex Fellowship in Alumni Affairs to hire a graduate, Gord McLean (BA2000), on a one-year contract to assist the University in increasing the number of its alumni chapters. McLean is now working on an alumni survey and planning a strategy for alumni chapter development that will strengthen Lakehead's fundraising and friend-raising endeavors. McLean is shown above (right) with Chris Daniel, vice-president of Meloche Monnex.

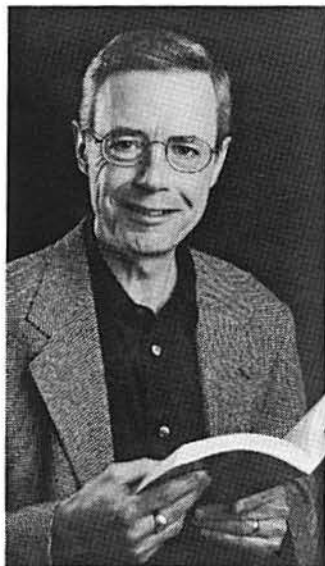
Gary Locker elected to the Canadian Engineering Accreditation Board

Dr. J. Gary Locker, professor emeritus of civil engineering and executive director of the Native Access Program for Engineering, has been elected as a member-at-large of the Canadian Engineering Accreditation Board of the Canadian Council of Professional Engineers (CEAB). The CEAB is responsible for the accreditation of Canadian undergraduate engineering programs. Locker has been vice-chair of accreditation visits to the University of Waterloo, Queen's University, Ryerson University, the University of Manitoba and the University of Saskatchewan. He has been the program visitor for Civil Engineering at Concordia University and the University of Costa Rica. While he was chair, National Council of Deans of Engineering and Applied Science, he helped design a new accreditation unit system for curriculum content.

English Prof Brings Out the Best in His Students

by Twyla Carolan

Kristen Poluyko, a master's student in English, seems to have lost the ability to explain why Dr. Rick Holmes is such a good



instructor. Not just good, but good enough to be the recipient of Lakehead University's Distinguished Instructor Award for 2000.

In a very short amount of time though, she recovers well and says, "He's approachable. He's not intimidating at all, and he just elicits from his students this desire to do well; you want to impress this man. If he's going to do that much for you, you want to make sure that your work comes across as extraordinary."

As for Rick Holmes, he says that just getting nominated by his

students was the real award -- the real honour.

Holmes received his BA from the University of Winnipeg, his MA from the University of Manitoba, and his PhD from Queen's University. He began as a teaching assistant at the University of Manitoba, and has been teaching for many years since learning his trade at Queen's University, the University of Manitoba, the University of Winnipeg, the University of Calgary, and Lakehead University, where he's been since 1987.

Holmes' area of expertise is Twentieth-century British literature, with special emphasis on contemporary fiction and narrative theory. He has a secondary interest in Victorian literature. Holmes' most frequently taught courses are *Major British Writers*, *The Victorian Period*, and *British Literature 1900-1930 and 1930-present*.

Over the years, Holmes' teaching methods have evolved. He says, "I've probably become more focused on making students their own teachers in the sense of really making them responsible for what happens in the classroom." He accomplishes this by organizing the students into small structured groups, giving each group a specific task, and then letting the group take control of the learning experience. He says, "It's amazing how they take ownership of what they are doing and really become responsible for it."

Holmes believes that professors have three main responsibilities: teaching, research, and administrative service, with teaching and research being the most important. He often teaches what he is researching and writing papers about, and, over the years, has noticed a connection between the two. Holmes finds the dynamic interaction between the material he presents and the students' reception and reaction to the information to be very fruitful. He says, "I get ideas from my students. There's a reciprocity there. It's very symbiotic."

When working with students, Holmes believes that listening to them and trying to get them involved is a key motivator in the classroom. He's interested in where they are in their lives, what their problems are, and what their futures look like. He is enthusiastic and open with ideas, and believes it is critical to involve the students in the learning process, rather than just standing at the front of the classroom lecturing. Holmes has great respect for his students, and reciprocally, they admire and respect him as well.

Twyla Carolan is one of several students taking part in SPARK, a student writing program at Lakehead funded by The Chronicle-Journal



Top-Notch Chemical and Civil Engineering Students

The Lakehead University Student Chapter of the Canadian Society for Chemical Engineering (CSCHE) is the 2001 winner of the Student Chapters' Merit Award.

The Lakehead Student Chapter is the smallest chapter of its kind in Canada, yet the group has won five national awards in the last six years. They won Merit Awards in 1995, 1996, 2000 and now in 2001 and received an honourable mention in 1997 and 1998.

Lakehead's civil engineering students have consistently placed among the top-ranking teams in the Steel Bridge Competition sponsored by the American Society of Civil Engineering/American Institute of Steel Construction. For the past three years, Lakehead's team has placed first in the mid-west region competition.

This year Lakehead's team was the only Canadian team to compete in the national competition at Clemson University in South Carolina, where it placed 16th overall competing against 42 other teams.



LAKEHEAD UNIVERSITY LIBRARY VOYAGER NEWS

Volume 1, Issue 3 June 18, 2001

FROM THE UNIVERSITY LIBRARIAN'S DESK

Welcome to the last installment of *VOYAGER NEWS*. With the implementation of *VOYAGER* just around the corner we hope that you have found this newsletter informative.

The implementation of the *VOYAGER* system at Lakehead University marks an important step in our ability to collect, maintain and make accessible the growing number of resources available in digital format. All Library staff are to be commended for their hard work and dedication in making this project a success.

Watch the Library web page and other promotional materials for more information on the *Voyager* system.

Anne Deighton
University Librarian

MILESTONES COMPLETED

- ★ Library staff training on the Cataloguing, Acquisitions and Circulation modules is complete.
- ★ The new *VOYAGER* cataloguing module has been tested and is ready to go!
- ★ The Public Access Team has completed the customization of the OPAC screens and has prepared a prototype for evaluation.

VOYAGER OPAC SEARCH SCREEN

The Public Access Team has prepared a prototype of the Search Menu Screen as illustrated on the next page. This prototype is currently being reviewed and tested by all library staff, selected faculty and students.

The *VOYAGER* OPAC (Online Public Access Catalogue) system will allow you to search using any of these three search types: Basic Search, Advanced Search and Course Reserves Search.

With *Basic Search* you can enter your search words and specify where you would like the system to search for that information (e.g. the author field, title or journal title field, subject heading, call number). A *Keyword Relevance Search* and a *Command Search* are also available from the Basic Search type.

Advanced Search offers incredible searching potential by allowing you to combine search terms, specify the relationship between the terms and further specify where these words will be searched.

Course Reserves Search allows students a simplified way of finding materials on reserve for their courses. It is now possible to link the student directly to the electronic version of an item on reserve (if available).



THE VOYAGER SEARCH SCREEN PROTOTYPE

The screenshot shows a Netscape browser window titled "Basic Search - Netscape". The address bar shows "Location: ". The page header includes a logo of a library building and the text "Lakehead University Library Online Catalogue" and "Thunder Bay, Canada". A navigation bar contains links: "New Search", "Results Author/Subject", "Results Title", "My Patron Record", "Login", "Requests", "History", "Help", and "Exit". Below this, it says "Database Name: Lakehead University Library". The main search area has three tabs: "Basic Search" (selected), "Advanced Search", and "Course Reserves". Under "Basic Search", there is a "Search for:" text box, a "Search in:" dropdown menu set to "Keyword Relevance*", and a "Quick Limits" dropdown menu set to "None". At the bottom of the search area are buttons for "10 Records per page", "Search", "Reset", and "Set More Limits". The browser's status bar at the bottom shows "Document: Done" and a taskbar with various icons and the time "10:58 AM".

OPAC SEARCH FEATURES:

- ★ point and click design and pull-down menus
- ★ enhanced keyword and Boolean searching
- ★ easy downloading and e-mailing of records
- ★ links to full text electronic journals and other resources
- ★ ability to click on links within catalogue records
- ★ smooth interface to searching a selection of other library catalogues (Z39.50)

PATRON FEATURES:

- ★ With the *VOYAGER* system, it will be possible for you to view your own patron record through the OPAC (Online Public Access Catalogue).
- ★ Patron information is protected through appropriate sign-on routines in the *VOYAGER* patron record.
- ★ From your desktop you will be able to see what items you have charged, renew your own material, determine whether you owe any fines or fees, and view the status of pending recall and hold requests.

WHAT'S IN A NAME?

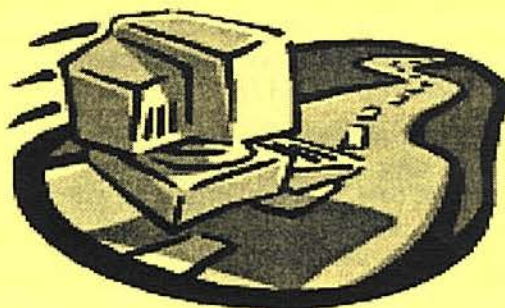
You have probably seen or heard these terms used many times over the past few months. Here are explanations of their meanings:

Integrated Library System (ILS): Integrated Library System refers to any library system that handles all major library functions including Cataloguing, Acquisitions, Circulation and an Online Catalogue. *VOYAGER* is an integrated library system.

Boolean Searching: This is a powerful searching technique that has not previously been available in the Library's Online Catalogue. With the new library *VOYAGER* system you will be able to search for multiple words and combine these words with "and" "or" "not". Boolean searching is available on most Internet search engines (e.g. Alta Vista).

Citation Server: This is another part of the new library system that will be implemented at Lakehead University Library in 2002. With Citation Server, the Library will be able to integrate electronic indexes and abstracts with the Library's catalogue. This will allow you to search multiple databases with one search screen. *Citation Server*, together with *VOYAGER*, is a very powerful tool for providing access to information in electronic format.

Image Server: This is yet another part of the new library system that will be implemented following the implementation of Citation Server. Image Server is a document management system that will work with *VOYAGER* and Citation Server to provide access to any type of digitally formatted material. With the click of a mouse you will be able to jump from the description of any item to the digitized item itself.



LIBRARY AUTOMATION INITIATIVES

(Excerpted from the May 14, 2001 issue of *Lakehead University Library VOYAGER NEWS*)

Although the immediate focus of these (current library automation) efforts is the implementation of the basic *VOYAGER* software, it is important to remember that this is only the first step. There are many pieces to the system, including a Citation Server module that will integrate access to electronic indexes and abstracts. Eventually the system will interface with the province-wide document delivery and interlibrary loan system (Fretwell-Downing's VDX) and the electronic materials provided by the Canadian National Site Licensing Project (CNSLP).

IMPROVED EFFECTIVENESS AND EFFICIENCY

Implementation of the Voyager software will allow the Library to provide access to electronic materials to all members of the university community authorized to receive them, regardless of their location. This will include direct access to a wide range of research support materials—previously unavailable, such as electronic journals, specialized databases, and other resources.

For materials not owned or immediately accessible, they will be able to order the required documents through the document delivery/interlibrary loan system. VDX (Virtual Document eXchange) software will create a direct link between search and request activities. This will enable the authorized user to initiate an ILL request from a displayed result set, with bibliographic details automatically entered into an ILL form.

The Library also plans to develop interfaces between the Library and other systems on campus (i.e. the Registration and Financial systems) in order to operate efficiently.

Ian Dew
Project Manager
Head, Systems and Bibliographic Processing

Joan Seeley
Interlibrary Loan/Document Delivery/Collections Librarian



NEWS FLASH

DES PLAINES, ILLINOIS, June 15, 2001:

Endeavor Information Systems and the Yale University Library (YUL) announced today the selection of the Voyager integrated library management system for the Yale libraries. With complete implementation scheduled for July 2002, the Voyager selection affects over 600 staff and 10.5 million volumes across the New Haven, CT campus.

Lakehead University Library Voyager News is published by Lakehead University Library. We welcome comments from our readers. Send them to:

FOR MORE VOYAGER

INFORMATION

GO TO THE

PROJECT WEB SITE

<http://www.lakeheadu.ca/~librwww/systems/voyager.html>

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NSERC Awards for 2001-2002

The Natural Sciences and Engineering Research Council (NSERC) recently announced the results of their annual research and equipment grants competition.

For the year 2001-2002, the total value of grants awarded was \$922,858 for both research and equipment grants. The success rate for new research grants, as opposed to ongoing installments, was 65% compared with 48% for last year. At present, there are 38 NSERC holders at Lakehead. This represents 38% of the total eligible faculty at Lakehead.

The following is a list of all NSERC recipients at Lakehead University who were successful in the 2001-2002 research and equipment grants competition. They are grouped according to the new academic structure that goes into effect on July 1, 2001.

Office of Research

M.L. Howe, "Development of Retention and Reasoning," \$39,000, research grant (year 2 of 4 (2/4)).

FACULTY OF SCIENCE AND ENVIRONMENTAL STUDIES

Department of Biology

S.J. Hecnar, "Species Richness and Spatial Dynamics in Amphibians," \$15,750, research grant (3/4).

M.W. Lankester, "Impact of Parasites and Disease on Northern Animals," \$26,188, research grant (2/4).

A.U. Mallik, "Induction and Release of Retrogressive Succession After Fire in Kalmia-Black Spruce Communities," \$19,000, research grant (2/4).

D.W. Morris, "Habitat Selection, Patch Choice, and Spatial Dynamics of Small Mammals in Changing Environments," \$51,000, research grant (1/5).

Department of Chemistry

C. Gottardo, "The Photochemistry of Compounds Which Contain Heteroatoms," \$30,000, research grant (3/3).

S.D. Kinrade, "Aqueous Chemistry of Silicon," \$38,115, research grant (4/4).

Department of Computer Science

X. Li, "A Multithreaded Logic Virtual Machine for Intelligent Mobile Agents," \$17,000, research grant (1/4).

X. Li, "A Multithreaded Logic Virtual Machine for Intelligent Mobile Agents," \$22,960, equipment grant.

R. Wei, "Combinatorial Methods in Threshold Cryptography: Protocols, Structures and Optimizations," \$14,000, research grant (1/4).

Department of Geology

G.J. Borradaile, "Rock Magnetism and Deformation," \$62,300, research grant (2/4).

R.H. Mitchell, "Petrology of Kimberlites and Alkaline Rocks," \$86,625, research grant (6/6).

Department of Mathematical Sciences

A.J. Dean, "Derivations of Inductive Limit C*-algebras," \$8,000, research grant (1/4).

W. Huang, "Job Scheduling Problems in Modern Manufacturing Systems and Management Science," \$9,702, research grant (3/4).

D. Li, "Asymptotic Behaviour in Stochastic Modelling," \$15,000, research grant (2/4).

L. Liu, "Reliability in the Finite Element Method for Non-Linear Problems," \$9,500, research grant (2/4).

L. Liu, "Reliability in the Finite Element Method for Non-Linear Problems," \$16,000, equipment grant.

T. Miao, "Amenability of Locally Compact Groups and Geometric Properties of $Ap(G)$," \$13,650, research grant (3/4).

Department of Physics

M.C. Gallagher, "Atomic Structure of Ultrathin Films," \$30,000, research grant (1/4).

M.C. Gallagher, "Sputter Ion Gun for Sample Cleaning," \$13,734, equipment grant.

M.H. Hawton, "Photo-Matter Interactions," \$15,000, research grant (2/4).

W.J. Keeler, "Ultrafast Ti:Sapphire Laser Applications," \$16,300, research grant (2/4).

V.V. Paranjape, "Research in Solid State Physics," \$12,000, research grant (1/3).

FACULTY OF ENGINEERING

Department of Chemical Engineering

L.J.J. Catalan, "Studies in Stabilisation/Solidification of Industrial Waste," \$19,000, research grant (2/4).

L.J. Garred, "Modelling Studies of Solute and Fluid Transport in Kidney Dialysis," \$21,500, research grant (1/4).

A. Gilbert, "Optimizing Control of Kraft Mill Processes," \$21,945, research grant (4/4).

I. Nirdosh, "Solid-Liquid Mass Transfer Applications," \$23,909, research grant (4/5).

...continued on page 6

NSERC Awards continued from page 5

Department of Civil Engineering

D.K. Eigenbrod, "Shaft Resistance of Piles in Sand During Loading in Tension and Compression," \$14,700, research grant (3/4).

S.A. Mirza, "Strength and Stiffness of Slender Composite Steel-Concrete Beam-Columns," \$19,520, research grant (4/4).

U.S. Panu, "Development of Group Based Hydrologic Data Infilling Procedures," \$14,000, research grant (2/4).

S.K. Vanapalli, "Design of Flexible Pavements Using the Soil Mechanisms for Unsaturated Soils," \$18,000, research grant (1/4).

Department of Electrical Engineering

S.M.J. Alirezaie, "Three-dimensional Visualization and Segmentation of Multispectral Medical Images," \$15,000, research grant (1/4).

K. Natarajan, "Model Reference Adaptive Control in the Frequency Domain," \$23,310, research grant (3/4).

A.T. Tayebi, "Iterative Learning Control for Uncertain Systems," \$21,405, research grant (1/4)

Department of Mechanical Engineering

K. Liu, "Identification and Control of Linear Time-Varying Systems," \$17,000, research grant (1/4).

M. Liu, "Transformation Matrices for Finite Element Analysis of Plates and Shells With Structural Discontinuities," \$13,737, research grant (4/4).

A. Sedov, "Modeling the Ultrasonic Inspection of Complex Components," \$10,300, research grant (2/3).

S.A.Q. Siddiqui, "Vibration Suppression in Systems Characterized by Interaction Between Lumped and Distributed Parameter Elements," \$17,000, research grant (1/4)

FACULTY OF FORESTRY AND THE FOREST ENVIRONMENT

Q.L. Dang, "Interacting Effects of Soil Conditions on Ecophysiological Traits and Their Responses to Changing Aboveground Environment in Boreal Tree Species," \$34,073, research grant (4/4).

W.H. Parker, "Development of a GIS Methodology to Determine Breeding Zones for Second Generation Tree Programs," \$19,635, research grant (4/4).

J.R. Wang, "Relationship Between Hydraulic Conductivity and Photosynthesis of Paper Birch," \$18,000, research grant (1/4).



SSHRC 2001-2002 Competition Results

Lakehead University is pleased to announce its successful applicants in this year's Social Sciences and Humanities Research Council competition. The number of successful research grants applicants represents an increase over the previous year's results. This year's success rate was 22%, whereas the previous competition saw a success rate of 12%.

G.A. Genosko, Department of Sociology (new scholar category), "The Role of Journals (Defunct) and Splinter Groups (Disbanded) in the Institutionalization of Critical and Postmodern Theory in Canada," \$71,000 over three years, including a research time stipend worth \$12,150.

J.P. Jasen, Department of History (regular scholar category), "Women and Cancer: Historical Perspectives on the Concept of Risk," \$50,900 over three years.

H.E. Smith, Department of History/Women's Studies (regular scholar category) and **P. Wakewich, Sociology/Women's Studies** "Cultural Representations and Women's Narrative of Wartime Work and Lives," \$52,850 over three years.

In addition to the new awards, the following are Lakehead University's continuing SSHRC awards:

L. Di Matteo, Department of Economics, "Late 19th and Early 20th Century Wealth and Economic Development in Ontario," third year of three-year grant (3/3), total grant value: \$48,506.

T. Dufresne, Department of Philosophy, "An Introduction to Critical Freud Studies," 2/3, total grant value: \$65,170 (including research time stipend).

B. O'Connor, Department of Psychology, "Interpersonal Rigidity, Hostility and Complementarity: Associations with Psychopathology, Relationship Quality and Attachment History," 3/3, total grant value: \$36,850.

Thunder Bay Regional Arts Council Business & Education Awards

Congratulations to Dr. Fiona Blaikie (Faculty of Education) and Janet Clark, former curator of the Thunder Bay Art Gallery, for receiving an award at the annual Mayor's Arts Luncheon honouring Business and Education. The two women developed a special kit of resource materials for the teaching of art in local elementary schools which incorporated color reproductions of art by 16 regional artists.

Allen Bibby Endows Memorial Bursary

and gives a gift of art to
Lakehead University.

by Jennifer Willanen

Development Researcher and Writer

It has been over 70 years since artist Joan Bibby (nee Keefer) left Northwestern Ontario; yet her legacy lives on in the region thanks to the thoughtfulness and generosity of her husband.

In loving memory of his wife, Allen Bibby of Vermont, recently donated her painting – *The Red Coral Bean* — to Lakehead University and endowed a memorial bursary in her name. Joan, who was born in Port Arthur in 1919, is the granddaughter of Francis (Frank) Keefer after whom the local Keefer Terminal is named.

The Red Coral Bean is an exquisite watercolour painting featuring a Florida wildflower sprouting pods of scarlet beans. It is prominently displayed in the reference section of The Chancellor Paterson Library.

Also in her honour, Allen Bibby donated stock holdings to Lakehead worth over \$15,000. The gift, in combination with matched funds from the Ontario Student Opportunity Trust Fund, endowed in perpetuity the Joan Keefer Bibby Memorial Bursary. Annually, two students from the Department of Visual Arts will each be awarded a bursary valued at \$1000 on the basis of financial need and academic standing.

Allen Bibby's motivation in creating the



Development Officer Laurie Hill adjusts the watercolor painting by the late Joan Bibby now on display on the ground floor of the Chancellor Paterson Library. Bibby's husband Allen recently endowed a bursary that will benefit students in Visual Arts

endowment is twofold. First, he is celebrating Joan's talent and love of art. And vitally important, he is fulfilling a desire to afford young art students an opportunity to revel in their creativity. He sincerely hopes the bursaries will "urge students to do their best, to enjoy their own work and to be receptive to the possibility that others may also find pleasure in it."

Joan is described by her husband as having been "innately modest" to the point where she was reluctant to take due credit for her work. Her artistic talent, which she discovered after the age of 50, is said to beautifully reflect her varied interests as a gardener, outdoor adventurer, world traveller, and photographer.

In a letter addressed to all future recipients of the Joan Keefer Bibby Memorial Bursary, Allen conveys the depth of his wife's artistic imagination by quoting one of Joan's fellow artists who said, "This gentle woman leapt joyfully into the combat between abstract forms and the demands of the thing seen. Her work doesn't just reflect the pleasure of a moment lived, but like a strong storage battery, it contains energy within it, a life of idea and impulse that will continue through time."

It is a quintessential fit that Joan Bibby's artistic legacy will "continue through time" at the University of her birthplace and in a department where the lives of ideas and impulses flourish much like her work.



Meet the staff and faculty at Lakehead's new Paleo-DNA Laboratory: (back row) Dr. Ryan Parr, Curtis Hildebrandt and Dr. El Molto (front row): Renee Praymak, Jen Maki, Amy Junnila, Arlene Lahti, Dr. Wera Schmerer

Paleo-DNA Laboratory moves to New State-of-the-Art Facility

"There is a revolution taking place in science, and DNA is at the centre of it," says Dr. Keith McKenney. The forensic scientist from George Mason University was speaking at a reception held on June 8th to celebrate the opening of the new Paleo-DNA Laboratory located on the third floor of the Northwestern Ontario Technology Centre. The new lab places Lakehead "among the leaders" in DNA research.

"This is the genesis," says Dr. El Molto who, along with Dr. Ryan Parr, is co-director of the Lab. "Ours is the best facility in Canada primarily dedicated to the extraction, amplification and analysis of ancient DNA."

Since its founding in 1996, Lakehead's Paleo-DNA Lab has combined state-of-the-art equipment and staff with special skills in handling ancient DNA. In fact, the opening of the new Paleo-DNA Lab coincided with the conclusion of a two-and-a-half week internship for 20 qualified advanced undergraduate or master's level students interested in working in the growing field of DNA research. This is the third year Lakehead has offered such a course which all five of the Lab's full-time analysts have completed.

Lakehead's Paleo-DNA Lab has developed special expertise in extracting and recovering DNA from bone samples. The primary research project is a world-class study arising from a large collection of skeletal remains from the Dakhleh Oasis, Egypt. The Lab is also involved in studies of the ancient Nubian peoples of Kerma and the ancient Chinese of Anyang. Another project that has recently attracted international attention has been a project to identify some of the "last of the lost" from the Titanic disaster at the request of surviving family members.

Lakehead's new Paleo-DNA Laboratory is funded primarily by the Northern Ontario Heritage Fund Corporation, the Canada Foundation for Innovation, the Ontario Research and Development Challenge Fund, the Ontario Innovation Trust, and Lakehead University.

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