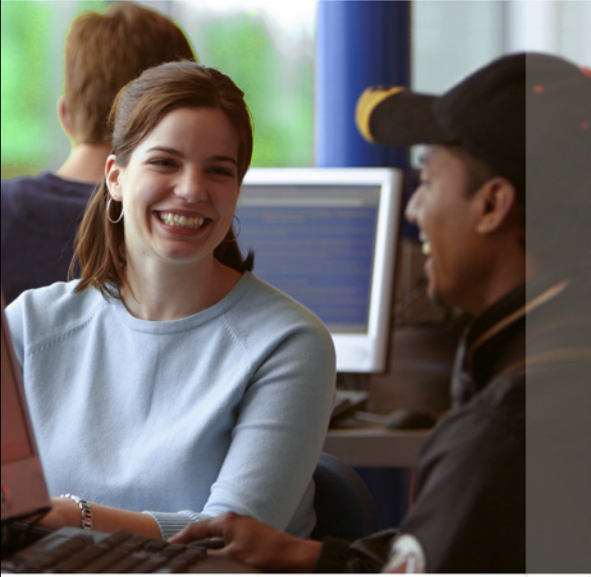


annual report



learning

discovery

growth

community

2003-2004

Lakehead
UNIVERSITY



MISSION

Lakehead University is committed to excellence and innovation in undergraduate and graduate teaching, service, research, and other scholarly activity. As part of this commitment, Lakehead University is dedicated to a student-centred learning environment. Lakehead University values its people and the diversity of their ideas, contributions, and achievements. Lakehead is dedicated to working with Aboriginal peoples in furthering their educational aspirations. Building on its past accomplishments and recognizing its role in Northwestern Ontario, Lakehead University reaches out regionally, nationally, and internationally.

Lakehead University is committed to educating students who are recognized for leadership and independent critical thinking and who are aware of social and environmental responsibilities.



PRESIDENT'S MESSAGE

Of all the achievements we celebrate this year, at least three represent a new way of thinking about Lakehead University and its preparedness for the future.

The first is the opening of the Advanced Technology & Academic Centre, a high-tech teaching, learning, and research environment that has made Lakehead a North American leader in offering advanced, user-friendly teaching and learning technology in the classroom.

The second is the provisional accreditation of the Northern Ontario School of Medicine, the first new Canadian medical school in over 30 years. When the inaugural class is admitted in the fall of 2005, it will mark the realization of a dream held by thousands of people across Northern Ontario. Lakehead University is very proud to be the West Campus of the Northern Ontario School of Medicine.

The third is Lakehead's renewed focus, through its second Strategic Plan since I became President, to fulfill its promise of recognizing and helping realize individual student potential.

All three of these achievements – and many others – speak to the power of Lakehead's ability to open doors and create opportunities for all who choose to join us in our pursuit of excellence and innovation.

The Annual Report 2003-2004 highlights some of the many ways in which Lakehead University is connected through its people to learning, discovery, growth, and service to the community.

Partnerships with government, industry, and the communities of Northwestern Ontario continue to serve us well, as does the generosity of our graduates, donors, and friends. Lakehead University's promise is to provide quality academic programs in a student-centred learning environment. The University is growing in stature as a result of increased research activity and the volunteer activities of many, including the Alumni Association. This promise and direction has been re-affirmed in our latest Strategic Plan.

I am proud of what Lakehead University's faculty, administration, staff, alumni, and friends have accomplished together in creating an extraordinary educational experience for our students.

I am especially proud of our Lakehead graduates, whose achievements will always be the ultimate measure of this University's success.

Frederick F. Gilbert, PhD
President and Vice-Chancellor
Lakehead University



YEAR IN REVIEW

Increased Enrolment

Lakehead welcomes 7,304 full- and part-time students in the fall of 2003 and awards \$5.487 million in scholarships, bursaries, and awards. The value of entrance scholarships for high school students is increased, effective September 2004.

Number One in Value Added

Maclean's magazine ranks Lakehead University the number one university in Canada for "Value Added" education in 2003 (the second time in the last three years). "Value Added" measures the entering average of students and two aspects of student achievement: the proportion who graduate and the number of students receiving national awards.

Advanced Technology

The Advanced Technology & Academic Centre opens for classes in the fall of 2003. By spring 2004, Lakehead secures over 80% of its \$44-million fundraising goal, and celebrates with a Grand Opening and an Open House.

Excellence in Teaching with Technology

Lakehead receives Honorable Mention for its Master of Public Health program in an awards program for excellence in teaching with technology coordinated by the Council of Ontario Universities, Office for Partnerships for Advanced Skills.

Leaders in Aboriginal Education

A new Department of Aboriginal Education, to be chaired by an Aboriginal scholar, is established within the Faculty of Education. Its mandate is to increase the Faculty's capacity in all areas of Aboriginal education including policy, programs, research, and service.

Continued Growth in Research Funding

Lakehead researchers secure a total of \$9.732 million, an increase of 5.2% over 2002-2003. Funding from the Social Sciences and Humanities Research Council increases by 20.8%. Over the past three years, funding for research increases by 68%.

Distinguished Instructor and Researchers

Lakehead's Distinguished Instructor Award is presented to Dr. Michael Richardson (photo on page 3), a faculty member in the Department of English and an expert on Renaissance literature. The Distinguished Researcher Award in Social Sciences and Humanities is awarded to Dr. Bruce Muirhead, a faculty member in the Department of History and an authority on Canada's economy and foreign trade policy. The Distinguished Researcher Award in Natural Sciences and Engineering is given to Dr. Stephen Kinrade, a faculty member in the Department of Chemistry and an expert on silicates, the compounds of silicon and oxygen.



Leadership and Vision

Lakehead hires new faculty and recruits key personnel to fill senior administrative positions including: Dr. Laurie Hayes, Vice-President (Academic) and Provost; Dr. Rui Wang, Vice-President (Research); Dr. Jane Birkholz, Vice-Provost (Student Affairs); Dr. Lauri Gilchrist, Associate Vice-Provost (Aboriginal Initiatives); Dr. Gary Boire, Dean of Graduate and International Studies; and Dr. Millo Shaw, Registrar and Secretary of Senate.

Smoke-Free Campus

In a campus-wide referendum, students, faculty, and staff vote 68% in favor of a smoke-free campus, making Lakehead the first university in Ontario to ban smoking in all university buildings and on all university grounds and property. Lakehead is the first university in Canada to have put this issue to a plebiscite.

Outstanding Student Athletes

Arts students Jeff Richards and Robyn Degray are named Lakehead Male and Female Athletes of the Year. Degray is an Ontario University Athletics (OUA) All-Star for the third consecutive year, and the only basketball player in Canadian Interuniversity Sport (CIS) to average in double digits in scoring and rebounds. Richards leads the Thunderwolves Men's Hockey Team to their second consecutive win in the OUA Far West Division, and is named OUA West Conference Most Valuable Player and a CIS All-Canadian.

Planning for the Future

Senate and the Board of Governors approve "Past Strength and Future Promise: Lakehead University's Strategic Plan for 2005-2010," which builds on the goals and recommendations contained in the previous five-year plan, and provides a focus for the future.

Paleo-DNA Laboratory Forensic Accreditation

Lakehead's Paleo-DNA Laboratory is the first university DNA laboratory in Canada to become accredited by the Standards Council of Canada and to conform to ISO standards ISO/IEC 17025 for human identification testing in the forensic Biology/DNA testing program.

Business Students' Success

All Lakehead students writing Part II of the 2004 Certified Management Accountants' designation entrance examinations pass and Lakehead is ranked the second highest university in Ontario, after Queen's University, for student success in the Chartered Accountant entrance examinations.

Northern Ontario School of Medicine

The Northern Ontario School of Medicine, a joint venture of Lakehead University and Laurentian University, is granted provisional accreditation status. A total of 56 students will begin their studies in 2005, 24 at the West Campus in Thunder Bay and 32 at the East Campus in Sudbury.

Celebrating Achievement

More than 1,500 graduands attend Convocation in May 2004 and are addressed by two honorary degree recipients: Austin Clarke, an award-winning Barbadian-Canadian author, and Frank Dottori, President and CEO of Tembec, a leading forest products company. Three Lakehead graduates also are honored: Dusty Miller, a civic leader and champion of the arts, is made a Fellow of Lakehead University; Robert Mace, President and CEO of Thunder Bay Hydro, receives the Alumni Honour Award; and Todd Moore, President of Moore Resource Management Inc., receives the Young Alumni Award.



LEARNING

Lakehead University is committed to excellence and innovation in undergraduate and graduate teaching and research. We take pride in our achievements, and in the growing number of community partnerships that enhance our student-centred learning environment.

Instructional Development

Senate approves the establishment of an Instructional Development Centre, reflecting the University's renewed commitment of its strategic focus to help individual students realize their potential.

Widening Horizons for Teachers

The Faculty of Education initiates a three-year project to create an experience-based course for intermediate/senior teacher candidates aimed at providing an increased awareness of alternate education and career opportunities for students leaving high school. Funding for the project is provided by the Ontario Ministry of Education, Council of Directors of Education, and Council of College Presidents.

College Transfer Program

Lakehead University continues to be the only university in Canada to offer a post-diploma program in Engineering, enabling qualified technology graduates from other institutions to obtain a Bachelor of Engineering degree after two years of full-time study. The transition is seamless, and Lakehead engineering graduates enjoy starting salaries that are higher than the national average.

Advanced Research in Teaching and Training

A consortium of Lakehead and Laurentian faculty led by principal investigator Dr. Roger Strasser, Founding Dean of the Northern Ontario School of Medicine, receives over \$5.6 million from the Canada Foundation for Innovation (CFI), Ontario Innovation Trust (OIT), and Silicon Graphics Inc. (SGI).

The funding is for the Virtual Reality Project which will enhance the capabilities of both Lakehead and Laurentian Universities' virtual reality laboratories to conduct innovative pedagogical multidisciplinary research using virtual reality in areas such as medicine, mining, and education.

Adventure Learning

The Tallships Adventure Learning Centre at Fort William Historical Park, a joint project between the Park and the Faculty of Education's Department of Lifelong Learning, prepares to deliver adventure learning and team-building experiences to people of all ages.

Ancient DNA

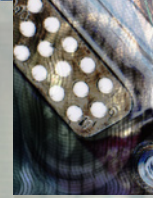
The first Canadian Ancient Biomolecules Symposium is held at Lakehead's Paleo-DNA Laboratory in March 2004 and is attended by scientists and researchers from universities across Canada.

Language Lab

Funding of \$120,000 is allocated to install state-of-the-art computer technology in Lakehead's Language Laboratory to enable the Department of Languages to integrate new technology into the content and delivery of its courses.

Fostering Creativity

Thunder Bay Symphony Orchestra (TBSO), in conjunction with Lakehead University, holds a National Emerging Composers' Workshop in January 2004. The workshop is led by TBSO Music Director Geoffrey Moull and Dr. Aris Carastathis, a faculty member and composer in the Department of Music.



TEACHING WITH TECHNOLOGY

Professors at Lakehead are using advanced communications technology to connect with learners both on and off campus.

Dr. Bill Montelpare breaks into a wide smile when speaking about teaching in Lakehead's new Advanced Technology & Academic Centre (ATAC). He loves the new technology and the challenge of communicating in cyberspace.

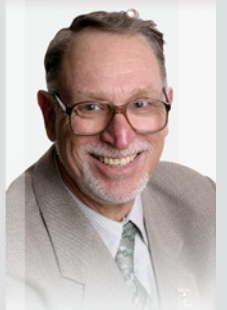
Montelpare is a faculty member in the Department of Kinesiology and one of several Lakehead instructors delivering courses in the Master of Public Health program.

Videoconferencing and webstreaming technology enable him to reach students living around the world. "When you are teaching students online you have to be really focused," he says. "Although you may have students right in front of you, you always have to be aware of how you are being perceived by learners out there, in cyberspace."

Students living in Thunder Bay may choose to attend lectures on campus or they may stay at home and participate in the class using the Internet. In either case, new technology is changing the way professors, like Montelpare, interact with students.

Dr. Philip Allingham and Dr. Hope-Arlene Fennell, two faculty members in the Faculty of Education, appreciate the many electronic teaching aids in ATAC's smart classrooms. They enjoy going online during class to access their own resources and to visit related websites. They also like the new microphones, document cameras, and the LCD monitors that make it easy for all students, no matter where they are seated, to hear the instructor and see the demonstrations.

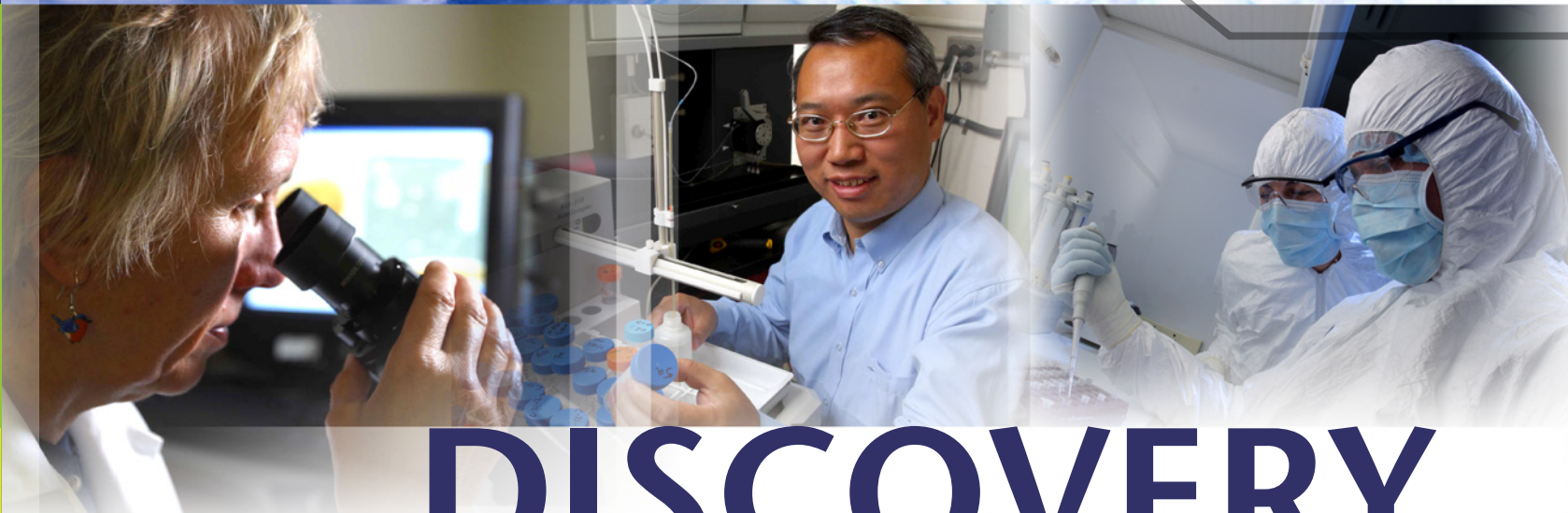
Donna Newhouse, a Sessional Lecturer in the Department of Biology, believes the new technology enables her students to come to a better understanding of anatomy, more quickly. For example, she uses a software program that allows her to project an image of a hipbone on a screen and then to rotate the image, illustrating how the hip joint functions. Other faculty, such as Dr. Ulf Runesson in the Faculty of Forestry and the Forest Environment and Dr. Bradley Wilson in the Department of Geography, are using stereo 3-D imagery to enhance their teaching and research. "The applications of virtual reality imaging in a teaching and learning environment are extremely powerful," says Wilson, "It's the way of the future."



Dr. Bill Montelpare

Dr. Philip Allingham

Donna Newhouse



DISCOVERY

Lakehead University is proud of the growth of its graduate studies and research programs. Excellent faculty, enthusiastic students, and dedicated staff are working together to produce new knowledge that will benefit society as a whole.

Fostering Innovation in the North

FedNor contributes \$924,457 to Lakehead to foster innovation and economic diversification in the North. Funds go toward enhancing programming in the Innovation Management Office, designing a toxicity prediction system for use in the pulp and paper production industry, expanding and obtaining accreditation for the Paleo-DNA Laboratory and the Forest Soils Laboratory, and purchasing specialized equipment for the testing of wood products.

Green Chemistry Applications

Dr. Aicheng Chen (centre, top photo), a faculty member in the Department of Chemistry, receives a Premier's Research Excellence Award in recognition of his work in the field of electrochemistry. Chen is assisting in the development of innovative technologies to degrade lignin, a waste product of the pulp and paper industry, to new value-added chemicals and chemical feedstocks. His research has the potential of reducing the environmental impact of industrial processes in the mining and pulp and paper sectors and of increasing Canada's competitiveness in domestic and international markets.

Strengthening Research Infrastructure

Canada Foundation for Innovation (CFI) and the Ontario Innovation Trust (OIT)/Ministry of Economic Development and Trade awards New Opportunities Grants to a number of faculty members including: Dr. Aicheng Chen for an electrochemical workstation; Dr. Andrew Conly for an infra-red spectroscopy and hydrothermal experimental facility; Dr. Wa Gao to purchase analytical and experimental equipment for environmental engineering research; Dr. Peter Hollings for a microanalytical research facility; and Dr. Baoqiang Liao for a laboratory for particle science and technology. A CFI Innovation Fund grant is awarded to Dr. Ellie Prepas (left, top photo) for her project, "Watershed Integrated Nutrient Study Sites in the Boreal Forest."

Sustaining Canada's Forests

Living Legacy Trust awards Lakehead \$908,000 to conduct research on a variety of projects including the development of the Legacy Forest to study the long-term impacts of intensive forest management on forest sustainability, the development of a comprehensive recreation planning framework to use as a support tool for forest management models, and the building of a carbon and nitrogen database.

New Insight

Faculty are successful in the Social Sciences and Humanities Research Council (SSHRC) competition. In the Department of History, Dr. Bruce Muirhead receives a grant to study "The Development of Canadian Aid Policy, 1945-1989," and Dr. Ronald Harpelle obtains a grant to study "Protestant Churches, Missionaries, and Imperialists on the Central American Frontier." A third SSHRC grant is awarded to Dr. Michael Bowen, a faculty member in the Faculty of Education, for his research into "Facilitating 'Authentic' Science Classrooms Through Web-based Mediation Tools."

Northwestern Ontario Cancer Research Institute

Senate and the Board of Governors approve the establishment of a Northwestern Ontario Cancer Research Institute – a partnership between the Thunder Bay Regional Health Sciences Centre, Lakehead University, and the Northern Ontario School of Medicine.

History of Success

Ten researchers funded by the Natural Sciences and Engineering Research Council (NSERC) since its inception in 1978 – Dr. Graham Borradaile, Dr. Laurie Garred, Dr. Allan Gilbert, Dr. Margaret Hawton, Dr. Werden Keeler, Dr. Murray Lankester, Dr. Roger Mitchell, Dr. V.V. Paranjape, Dr. William Parker, and Dr. Alexander Sedov – have held NSERC grants for over 25 years, and are recognized at an NSERC ceremony on campus.



THE BENEFITS OF INNOVATION

Lakehead University's Innovation Management Office is helping to ensure that society benefits from publicly funded research.

If you ask Barbara Eccles what is new in the Innovation Management Office, she won't mention the growing number of patent applications she has undertaken on behalf of Lakehead faculty. That is confidential. Instead, she will tell you about the \$350,000 FedNor grant, announced in April 2004, that is helping her office do more for faculty interested in pursuing research in tandem with public- and private-sector partners.

Eccles is Manager of Technology Transfer at Lakehead. When researchers come up with an idea that might have commercial potential, they go to her for market evaluation and assistance in applying for patents and finding licensees.

Eccles is assisting many researchers including Dr. Stephen Kinrade, a faculty member in the Department of Chemistry, and his research partner Dr. Helga Duivenvoorden, a career scientist with Regional Cancer Care at the Thunder Bay Regional Health Sciences Centre. The two believe they have discovered a chemical compound that will treat burn victims and help in the prevention and treatment of osteoporosis. Their challenge now is to secure funding to

complete the required development research and to solidify patent protection for the technology.

Over in the Faculty of Forestry and the Forest Environment, Dr. Mathew Leitch (right, top photo) has been investigating the characteristics of wood "cooked" to enhance its value in the marketplace. Poplar, for example, that has been slowly heated and cooled in a specially designed kiln, deepens in color, becomes water- and fungi-resistant, and achieves a stable moisture level that makes it suitable for use in non-structural construction such as building furniture and decks. With funding from FedNor and the Living Legacy Trust, Leitch is working with a Thunder Bay company – Superior Thermowood – that sees the market potential of adding value to undervalued wood species which grow in abundance in Northwestern Ontario.

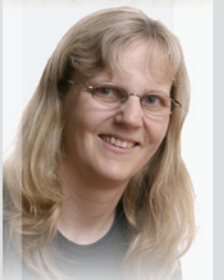
Both of these initiatives have the potential to improve the lives of people living in Canada and around the world. By leading their development, Lakehead University is fulfilling its mission of providing service to the community and transferring knowledge and technology to society at large.



Barbara Eccles



Dr. Stephen Kinrade



Dr. Helga Duivenvoorden



GROWTH

Lakehead University is a catalyst for stimulating innovation, sustainable economic growth, and an enhanced quality of life. The University's success is measured by the quality of its academic programs and research and by the accomplishments of its people.

Meeting the Challenge

Lakehead is successful in accommodating the Double Cohort and in maintaining its high standards of quality in teaching and learning. Lakehead's full-time enrolment increases by 13.4% in 2003-2004.

Northern Ontario School of Medicine

Significant progress is made by the School of Medicine as it prepares to welcome its charter class in the fall of 2005:

The 35-member, pan-northern Board of Directors convenes for its first meeting in December 2003.

The faculty and staff complement grows to more than 60, including Dorothy Wright, Chief Administrative Officer, Dr. Jill Konkin, Associate Dean of Admissions and Student Affairs, and Dr. Daniel Hunt, Campus Dean - West.

Faculty and staff of the West Campus move in to new offices on the sixth floor of the Advanced Technology & Academic Centre (ATAC), and funds are secured for the construction of two new three-storey buildings, one at Lakehead and one at Laurentian.

Numerous workshops, advisory groups, and symposia are used to seek input on topics including accreditation, curriculum design and development, research integrity, inter-professional education, the role of First Nations people, and the impact of gender on health.

Quality Academic Programs

Two new graduate degree programs are approved – the Master of Science in Environmental Engineering and the Master of Science in Experimental Psychology. Other

programs launched in 2003 include an undergraduate degree in Water Resource Science, a graduate diploma in Health Services and Policy Research, a Master of Environmental Studies degree in Nature-based Recreation and Tourism, and two graduate programs in Business Administration – a Master of Science in Management and a Master of Management.

Energy Savings and Infrastructure Renewal

Lakehead begins a long-term, comprehensive infrastructure renewal program with Johnson Controls to improve the heating, cooling, lighting, and air quality on campus. The project, including capital improvements of \$12.3 million scheduled for completion by June 2005, will result in annual energy and operations savings of \$850,000 over the course of an 18-year contract.

New Multi-Sport Athletics Facility

Construction begins on a new Multi-Sport Athletics Facility next to the C.J. Sanders Fieldhouse, to be completed by January 2005. The facility will have an indoor running track, climbing wall, multi-purpose indoor field, aerobic/yoga studio, weight room and fitness centre, student lounge, and sports medicine clinic.

Improving Campus Climate

Recommendations on a variety of issues that emerged as a result of the first Campus Climate Survey are acted upon by Lakehead University's Administrative Executive Committee. In the spring of 2004, the second Campus Climate Survey is undertaken to help track progress toward improvement. Issues range from community outreach and internal communications, to workload and deferred maintenance.



BUILDING AWARENESS IN A GLOBAL MARKET

Lakehead is strengthening its image and reinforcing its brand promise: "We recognize and help realize individual potential."

When faced with the enormous task of updating the Lakehead website using guidelines contained in the new Visual Identity Program (VIP), Webmaster Tove Tronslien found an overwhelming receptivity to change. Everyone could see the merits of having a well-crafted, consistent look to their webpages, and was eager to make improvements that would help differentiate Lakehead in the global market.

"The VIP – including guidelines for Lakehead University's wordmark, colors, photography, multimedia, web, stationery, and signage – was one of the more significant achievements of the Integrated Marketing Committee in 2003-2004," says Dr. Kim Fedderson, Dean of Social Sciences and Humanities, and Committee Vice-Chair.

Work began in the spring of 2003 with the hiring of an advertising agency to assist Lakehead in conveying the University's brand promise and, in the process, develop a creative platform upon which to build a strategic awareness campaign.

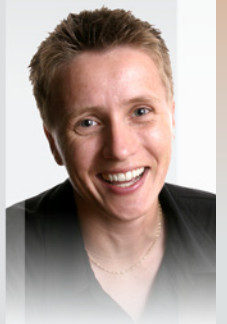
Once the VIP was established, a variety of marketing tools was produced, including print advertising, interior transit posters, a 30-second TV commercial, and the website, complete with effective content management tools that make it easy for staff to keep the information current.

In the fall of 2003 and spring and summer of 2004, Lakehead ran its transit posters in almost 1,500 buses and subway cars throughout the Greater Toronto Area. The posters featured the slogan "We See You," and were designed to raise awareness and motivate students to consider Lakehead when applying to university.

In the spring of 2004, the campaign earned Lakehead a Bronze Award in the prestigious Prix D'Excellence of the Canadian Council for the Advancement of Education.

Dr. Jane Birkholz, Vice-Provost (Student Affairs), says, "The competition is judged by communications professionals, who have very high standards. Lakehead's win demonstrates that our advertising works."

Eleanor Abaya, Director of Communications, and Chair, Integrated Marketing Committee, sums it up: "Lakehead's campaign delivers a consistent message about what makes Lakehead different. Our overarching strategy is to give prospects a reason to choose us over other universities. The current campaign is only the beginning of a long-term, strategic, awareness-building initiative that anchors other department- or faculty-specific marketing activities."



Tove Tronslien



Dr. Jane Birkholz



Eleanor Abaya



COMMUNITY

Lakehead University is dedicated to serving the public through its teaching, research, and scholarly activity. We salute our many alumni, faculty, students, and staff who, through their personal and professional interests, are making significant contributions to their communities.

Engaged Student Union

The Lakehead University Student Union (LUSU) holds several student referenda to help determine future direction, including the decision to fund construction of a Multi-Sport Athletics Facility. LUSU supports the activities of more than 80 student clubs and associations, and manages two campus businesses – the Outpost and the Study – that employ more than 100 students. LUSU coordinates six centres, including the Aboriginal Awareness Centre, to educate and inform students on current issues.

Supportive Alumni

Lakehead raises \$188,907 from 2,236 donors who contribute to the 2003-2004 Alumni Annual Fund campaign in support of the Advanced Technology & Academic Centre, the Chancellor Paterson Library, academic programs, athletics, and financial aid offerings. The average gift increases to \$84.48, up \$15.43 (22%) from the previous year.

The Alumni Association, in partnership with Thunder Bay's Definitely Superior Art Gallery, stages an art exhibit showcasing the work of visual arts graduates and begins to plan a 40th Anniversary Celebration in September 2005.

Varsity Hockey

Thunderwolves Men's Hockey Team, coached by Pete Belliveau, wins the Far West Division and ends the 2003-2004

season ranked number five in the Canadian Interuniversity Sports (CIS) Top 10 Poll. Captain Joel Scherban is recognized by the City of Thunder Bay for receiving the CIS's J.W. Pugh Trophy as the Most Sportsmanlike Player in Canada for the second year in a row.

Supporting the Arts

Lakehead sponsors a performance of Handel's Messiah featuring the Thunder Bay Symphony Orchestra (TBSO) and the Thunder Bay Symphony Chorus, and the TBSO plays twice in the Agora on campus during the academic year. The Alumni Association and Cambrian Players team up to raise money for the LUSU Food Bank and the Thunder Bay Art Gallery hosts the annual Lakehead University Juried Student Art Exhibition.

Reaching Out

The Department of History hosts an international conference to celebrate the Finnish community in Canada. "Finnish Immigrants in the Decades of Depression, 1929-1939" attracts hundreds of participants from around the world including scholars, filmmakers, diplomats, journalists, and the large Finnish community in Thunder Bay. As well, the Lakehead University 2004 Speaker Series features Elizabeth Dowdeswell, President of the Nuclear Waste Management Organization.

Photo courtesy of Regional Cancer Care, Thunder Bay Regional Health Sciences Centre



ENHANCING THE QUALITY OF LIFE

Through their volunteer activities, Lakehead University students, alumni, faculty, and staff are enhancing the quality of life in Northwestern Ontario.

Susan Childs and her friends are closing in on the million dollar mark. She is the Chair of the Bearskin Airlines Hope Classic Curling Bonspiel – an all-women curling bonspiel which has raised \$808,000 for the Northern Cancer Research Foundation over the past eight years.

Thanks to her committee's efforts, Northwestern Ontario Regional Cancer Care has been able to purchase a dual-purpose CT scanner that has significantly reduced the waiting time for cancer diagnosis and treatment. Women who think they may have breast cancer can be scanned, diagnosed, and into their treatment program within a week.

Susan Childs is an Administrative Assistant in the Faculty of Engineering. She is joined every year by other Lakehead staff who are committed to the Hope Classic: Janice Pellizzari, Administrative Assistant, Vice-President (Research); Lorrie Sabatini, Scheduler, Registrar's Office; Kathy Webb, Intersection Clerk; Darlene Yakimoski, Associate Facilities/Aquatics Facilities Manager, Athletics; and Becky Hurley, Manager, Bookstore, whose team always ranks among the Top 10 in getting pledges.

Many other Lakehead students, alumni, faculty, and staff spend time engaged in volunteer

activity – working as volunteer fire fighters, serving on the boards of art galleries and theatres, chairing school councils and fundraising committees, managing political campaigns, refurbishing historic landmarks, and running basketball clinics and music festivals.

Dr. Douglas West, a faculty member in the Department of Political Science, is currently working with the Lakehead Social Planning Council to measure the capacity and status of the voluntary sector evaluation practices in Northwestern Ontario. In the spring of 2004, he hosted a workshop in the Advanced Technology & Academic Centre featuring Paula Speevak-Sladowski, Managing Director of the Centre for Voluntary Sector Research and Development of Carleton University and the University of Ottawa. The presentation was made available to the non-profit sector throughout Northwestern Ontario, thanks to the power of webstreaming.

"I am committed to both scholarship and community service and am a strong believer in having a research agenda that is driven by the needs of the community," says West. "Lakehead needs to celebrate the tremendous contribution it is making to the volunteer and non-profit sector in Canada."



Susan Childs



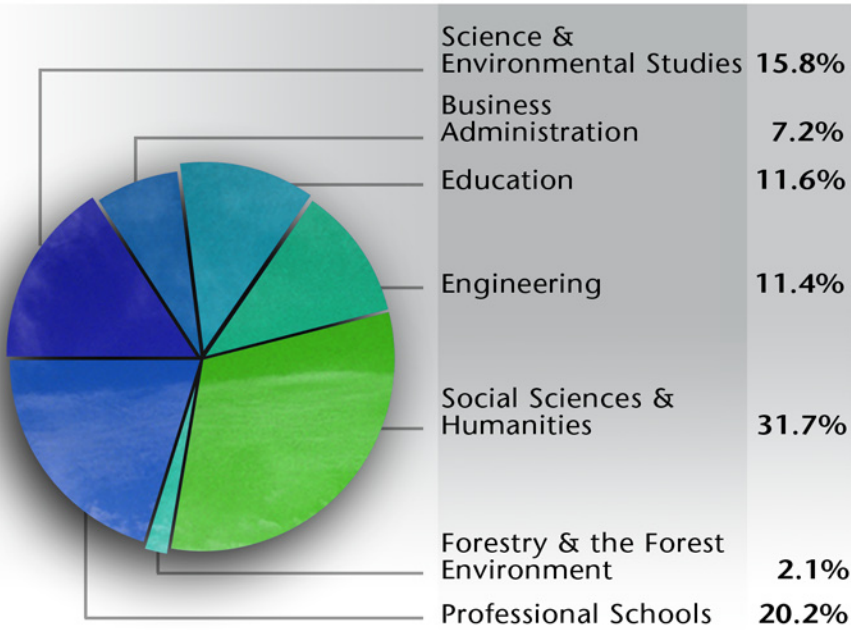
Becky Hurley



Dr. Douglas West

FACTS & FIGURES

Full-Time Undergraduate Enrolment by Faculty



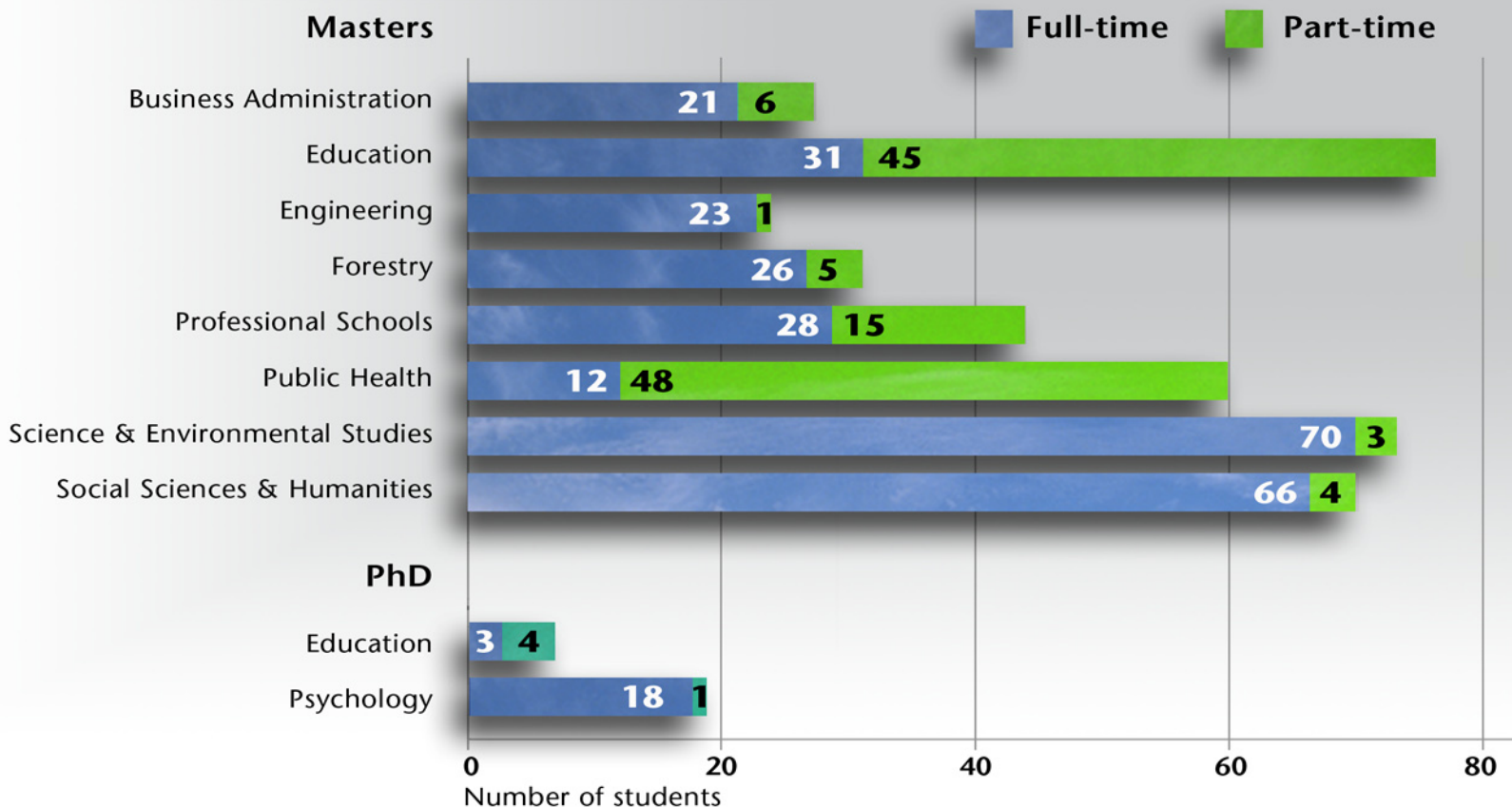
Enrolment 2003-2004

Full-time undergraduate	5,552
Part-time undergraduate	1,322
Full-time graduate	298
Part-time graduate	132
Total	7,304

Degrees, Diplomas & Certificates Awarded 2003 Calendar Year

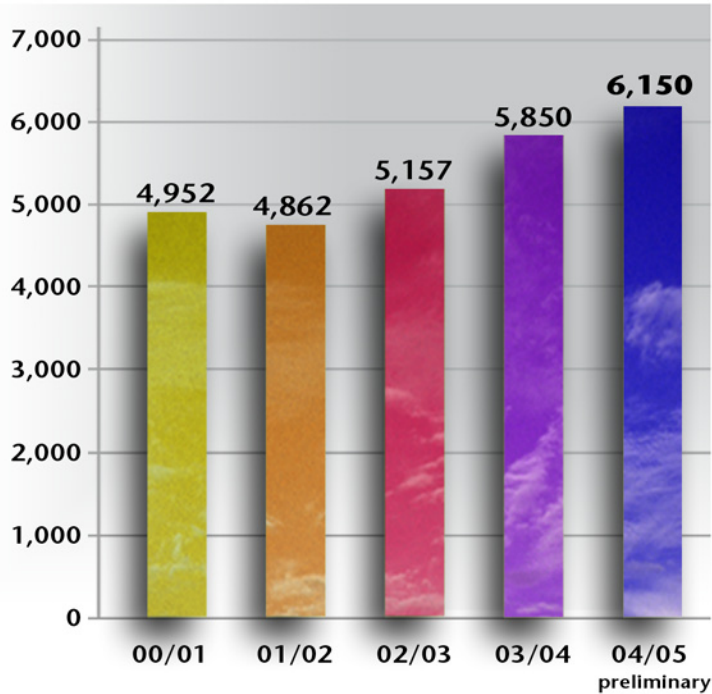
Certificates	30
Diplomas	50
Bachelors	1,802
Masters	77
Doctorates	2
Total	1,961

Graduate Enrolment 2003-2004



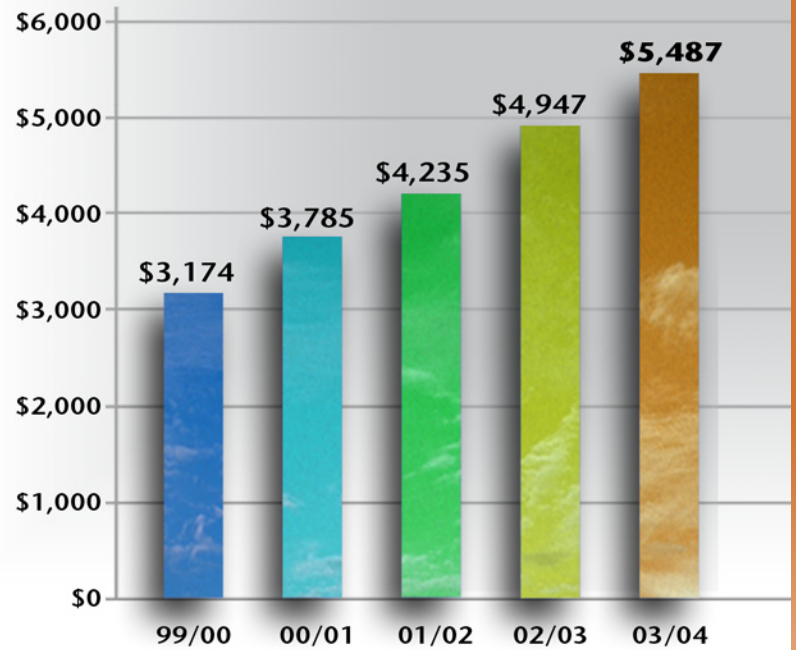
FACTS & FIGURES

Full-time Enrolment



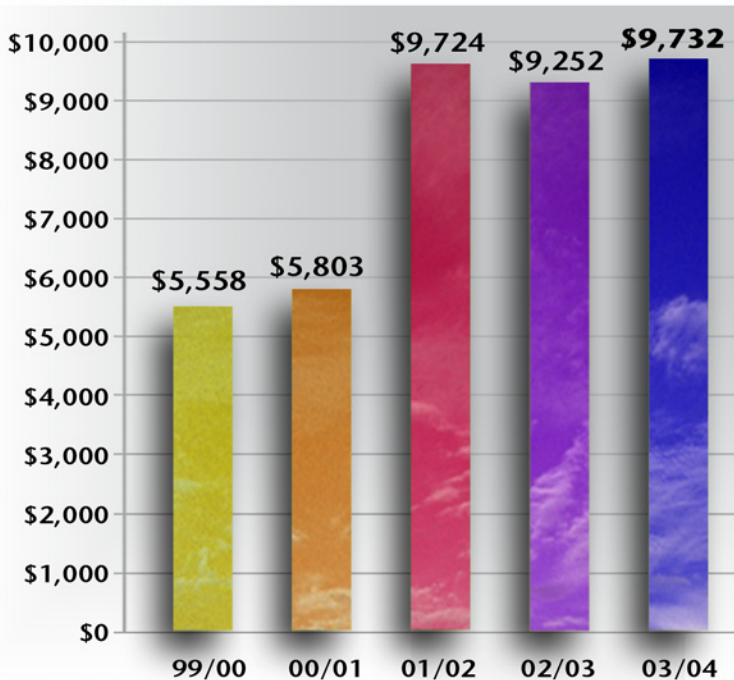
Scholarships & Bursaries

in thousands of dollars



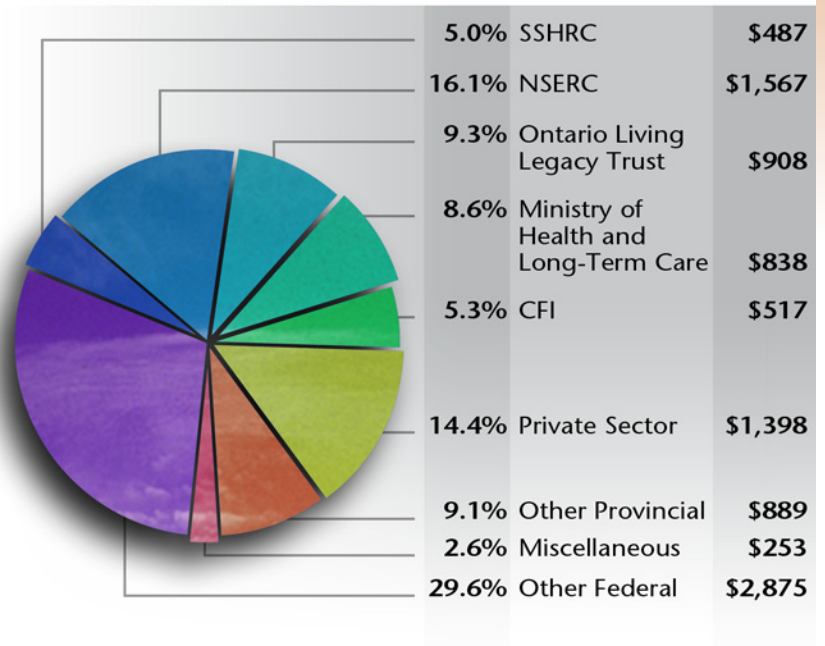
Research Grants & Contracts

in thousands of dollars



Sources of Research Funding 2003-2004

in thousands of dollars



ACCOUNTABILITY

BALANCE SHEET

April 30 (in thousands of dollars)

ASSETS

Current

Cash	\$ 12,044	\$ 15,158
Accounts receivable	5,396	5,557
Inventories and prepaid expenses	823	745

18,263 21,460

Long term investments

16,256 14,766

Capital assets

83,997 70,519

\$ 118,516 \$ 106,745

LIABILITIES AND NET ASSETS

Current

Demand loan	\$ 600	\$ 600
Accounts payable and accrued charges	8,816	15,751
Deferred revenue	3,541	3,594
Current portion of long term debt	2,159	1,618

15,116 21,563

Long term debt

38,597 27,429

Faculty early retirement program costs

4,680 5,948

Deferred revenue contributions

5,999 6,595

Deferred capital contributions

44,720 42,523

109,112 104,058

Net assets

Internally restricted	7,949	5,435
Investment in capital assets	2,570	2,423
Endowments	12,760	12,195
Unrestricted	(13,875)	(17,366)

9,404 2,687

\$ 118,516 \$ 106,745

STATEMENT OF REVENUE AND EXPENSES

For the year ended April 30 (in thousands of dollars)

REVENUE

Government grants for general operations	\$ 39,378	\$ 35,323
Government and other grants for restricted purposes	7,775	6,533
Student fees	31,765	27,036
Sales of goods and services	13,363	12,536
Investment income	2,178	44
Donations	247	633
Contract research	3,746	2,881
Sundry	1,494	3,186
Amortization of deferred capital contributions	6,722	4,454

106,668 92,626

EXPENSES

Salaries and benefits	58,038	56,716
Operational supplies and expenses	4,761	3,707
Cost of sales and services	6,005	6,549
Amortization of capital assets	11,652	8,049
Building and equipment maintenance	3,145	2,659
Municipal taxes	387	365
Scholarships, bursaries and awards	5,487	4,946
Utilities	4,364	3,919
Travel	2,090	2,174
Other	2,342	2,312
Interest	2,238	993

100,509 92,389

Excess of revenue over expenses for the year \$ 6,159 \$ 237

LEADERSHIP

CHANCELLOR

Dr. Lorne Everett

BOARD OF GOVERNORS 2003-2004

Chair

Seppo Paivalainen

Members

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Bill Bartley
Robert Baxter
Don Campbell
Harvey Cardwell
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Bruce LaBelle
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Dr. Moira McPherson
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Douglas Robson
Brad Sweeting
Robert Tuchenhagen
Russell York

ADMINISTRATION

President and Vice-Chancellor
Dr. Frederick Gilbert

Vice-President (Academic) and Provost
Dr. Laurie Hayes

Vice-President (Administration and Finance)
Michael Pawlowski

Vice-President (Research)
Dr. Rui Wang

Vice-Provost (Student Affairs)
Dr. Jane Birkholz

Associate Vice-Provost (Aboriginal Initiatives)
Dr. Lauri Gilchrist

Dean of Business Administration
Dr. Bahram Dadgostar

Dean of Education
Dr. Julia O'Sullivan

Dean of Engineering
Dr. Henri Saliba

Dean of Forestry and the Forest Environment
Dr. Reino Pulkki

Dean of Graduate and International Studies
Dr. Gary Boire

Dean of Professional Schools
Dr. Ian Newhouse

Interim Dean of Science and Environmental Studies
Dr. Alastair Macdonald

Dean of Social Sciences and Humanities
Dr. Kim Fedderson

Controller
Rita Blais

University Librarian
Anne Deighton

Registrar and Secretary of Senate
Dr. Millo Shaw

Executive Director, University Services
Grant Walsh

Director of Athletics
Thomas Warden

Director of Communications
Eleanor Abaya

Director of Continuing Education and Distributed Learning
Gwenellen Wojda

Director of Development
Bonnie Moore

Director of Human Resources
William Bragnalo

Director of Institutional Analysis/Government Relations
Kerrie-Lee Clarke

Director of Physical Plant
James Podd

NORTHERN ONTARIO SCHOOL OF MEDICINE
Founding Dean
Dr. Roger Strasser

Campus Dean - West
Dr. Daniel Hunt

LAKEHEAD UNIVERSITY FOUNDATION 2003-2004

Sydney Halter (Chair)
Ruth Kajander
Pat Meredith
Robert Paterson
Mark Piovesana

RESEARCH CENTRES, INSTITUTES, AND FACILITIES

Centre for Education and Research on Aging and Health (CERAH)
Dr. Michel Bédard, Director

Centre for Northern Forest Ecosystem Research (CNFER), Ontario Ministry of Natural Resources
Ed Iwachewski, Manager

Centre for Northern Studies
Dr. Chris Southcott, Chair

Centre for Parks, Recreation, and Tourism Research
Dr. Mike Yuan, Director

Centre for Rural and Northern Health Research (CRaNHR)
Dr. Bruce Minore, Research Director

Centre of Excellence for Children & Adolescents with Special Needs
Dr. Julia O'Sullivan, National Director

Lakehead Social History Institute
Dr. Ernest Epp, Co-Director

Lakehead University Centre for Health Care Ethics (LUCHCE)
Dr. Jaro Kotalik, Director

Lakehead University Centre for the Application of Resource Information Systems (LU-CARIS)
Dr. Ulf Runesson, Director

Lakehead University Geographical Information Systems (GIS) Research Lab
Dr. Scott Hamilton, Director

NRC Industrial Research Assistance Program (IRAP)
Doug Stone, Industrial Technology Advisor

Lakehead University Centre for Analytical Services (LUCAS)
Allan MacKenzie, Director

● **Aquatic Toxicology Research Centre (ATRC)**
Dr. Peter Lee, Academic Director

● **Forest Soils Laboratory**
Dr. Nancy Luckai and Dr. Lense Meyer, Co-Directors

● **Lakehead University Environmental Laboratory**
Dr. Peter Lee, Director

● **Lakehead University Instrumentation Laboratory**
Allan MacKenzie, Manager

● **Lakehead University Nutrient Ecology Laboratory**
Dr. Ellie Prepas, Director


● **LEVTEK**
Carl Goodwin, Technologist

● **Paleo-DNA Laboratory**
Dr. Carney Matheson, Director

● **Resource Centre for Occupational Health and Safety (RCOHS)**
Ina Chomyshyn, Director



SOME RECENT BOOKS BY FACULTY



Mythistory in Sino-Western Contacts: Jesuit Missionaries and the Pillars of Chinese Catholic Religion by Dr. Min-Sun Chen

Killing Freud: Twentieth Century Culture and the Death of Psychoanalysis by Dr. Todd Dufresne

The Party without Bosses: Lessons on Anti-Capitalism from Félix Guattari and Luis Inácio 'Lula' da Silva by Dr. Gary Genosko and *Technology and Culture, special issue of TOPIA (Canadian Journal of Cultural Studies)* co-edited by Dr. Gary Genosko, Dr. Jody Berland, and Dr. Bob Hanke

Banana Stories/Histoires de Bananes edited by Dr. Ronald Harpelle

The Politics of Islamic Identity in Southeast Asia by Dr. Syed Islam, and two textbooks co-authored with Abdul Rashid Moten: *Introduction to Political Science* and *Political Science: A Primer*

Exploring Environmental Issues: An Integrated Approach by Dr. David Kemp

Big Ideas for Small Mathematicians by Dr. Ann Kajander

The Art and Science of Structural Concrete Design edited by Dr. Ali Mirza

Prescription for Change; Bioterrorism in Medical and Healthcare Administration by Dr. Laure Paquette

Sex May be Wasted on the Young: For Boomers and Beyond, Second Edition by Lee Stones and Dr. Michael Stones

On the Fiery March: Mussolini Prepares for War by Dr. Bruce Strang

Basic Life Sustenance Worldwide: A Plan for 2004 and Beyond; Education Leadership and Ethics in the 21st Century; and Envisioned Books on Good Leadership by Dr. Douglas Thom



HONORS & AWARDS

Dr. Roger Mitchell, Professor Emeritus of Geology and the world's leading authority on the occurrence and genesis of alkaline rocks, receives the Royal Society of Canada's Willet G. Miller Medal.

Dr. Ali Mirza, Professor Emeritus of Civil Engineering and an expert on the strength and stability of concrete structures, is appointed Fellow of the Canadian Academy of Engineering in recognition of distinguished achievements over the course of his career.

Dr. Rachel Warburton, a faculty member in the Department of English, receives the 2003 Florence Howe Award for Outstanding Feminist Scholarship for her essay, "Reading Rape in Chaucer; or are Cecily, Lucretia, and Philomela Good Women?"

Dr. Peter Raffo and Dr. Ronald Harpelle, two faculty members in the Department of History, along with Master's student Michel Beaulieu and other members of the "Fatal Flower Project," are awarded the 2003 Burrit/Thompson Award to facilitate completion of a silent film shot in the vicinity of Thunder Bay in 1929 by the Port Arthur Cinema Society.

Students Jay Nichol, Robert Rombouts, and Kerry Stevens earn National In-Course Awards from the Canada Millennium Scholarship Foundation in recognition of academic excellence and active citizenship.

Peggy Smith, a Lecturer in the Faculty of Forestry and the Forest Environment, and Dr. John Naysmith, Professor Emeritus of Forestry, receive Queen's Golden Jubilee Awards from the National Forestry Congress in recognition of their volunteer activities in improving the quality of life and opportunities for others in the community.

Alissa Moenting, a Master's student in Biology, earns two national awards from the Canadian Society of Zoologists – the Cas Lindsey Award for the best student presentation in the Ecology, Evolution, and Ethology section, and the Helen Battle Award for the best student poster.

Kailash Bhatia, a Technologist in the Faculty of Engineering, is awarded the Lakehead University Award to Staff for Outstanding Performance and/or Contributions. For the past 15 years, Bhatia has played an important role in Lakehead's teaching and research labs, and special programs such as the international Student Steel Bridge Competition.

Dr. Norm LaVoie, Professor Emeritus of Kinesiology, receives the J.P. Loosemore Award from Ontario University Athletics for lifelong contributions to university sport in Ontario.

LAKEHEAD FACTS

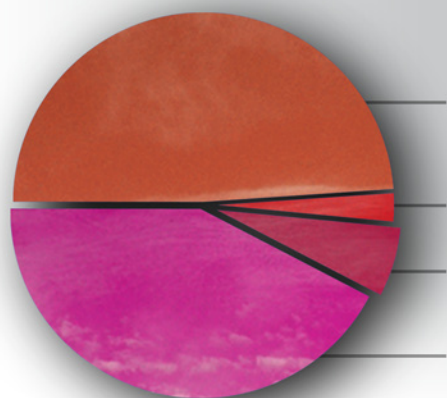
Established:	July 1, 1965
Total Enrolment:	7,304 including 5,850 full-time graduate and undergraduate students
Full-time Faculty:	259
Employees:	1,600 including approximately 650 full-time positions
Alumni:	Over 35,000 living in 60 countries
Faculties:	Business Administration Education Engineering Forestry and the Forest Environment Professional Schools Science and Environmental Studies Social Sciences and Humanities Medicine (Northern Ontario School of Medicine, West Campus)

As a percentage of its enrolment, Lakehead has one of the highest Aboriginal student populations at a Canadian university.

In 2003-2004 Lakehead welcomed 190 International and Exchange students from 48 countries around the world.

Lakehead University had a total economic impact of \$215.1 million on the City of Thunder Bay in fiscal 2003-2004.

Geographic Origin of Students



Northwestern Ontario	48.9%
International	2.6%
Other Provinces	6.1%
Rest of Ontario	42.4%

Residence Accommodation

Number of Beds 2003/04 **1,357**

Graduate Employment Rate

A survey conducted for the Ministry of Training, Colleges and Universities indicates that Lakehead's 2001 graduates performed better than the provincial average in terms of employment.

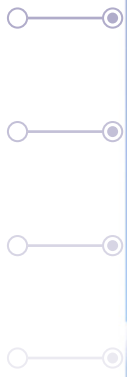
	6 months	2 years
Lakehead	93.7%	96.4%
Ontario System	93.6%	95.8%

CONTACT INFORMATION

Lakehead University Annual Report 2003-2004 is posted online: www.lakeheadu.ca/report/

For more information contact:

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Lakehead
UNIVERSITY

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