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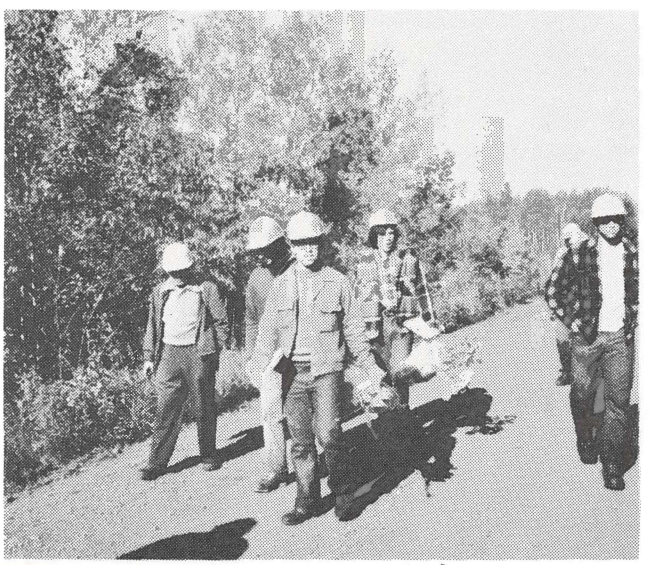
Oak Trees?

Oak trees in Northwestern Ontario? Yes indeed. A group of forestry students, during a recent field trip to Stanley, about fifteen miles outside of Thunder Bay discovered this, among other things.



L. U. Foresters With Specimen Bags

The burr oak, usually a prairie species, can be found on some high ground where the Whitefish River meets the Kaministiquia River. Theory has it that this is a relictual species, which flourished on high ground in the post - Ice Age Lake Agassiz, which eventually drained to form the Great Lakes as we know them. Such species remain, even though climatic conditions are now more favourable for boreal species, such as spruce and poplar.

By the same token, deep gorges, such as Ouimet Canyon, still contain tundra species which remain from the time when ice covered most of Northern Ontario.

Such nuggets of knowledge make this particular region an endless source of fascination for foresters and naturalists alike. And Lakehead University foresters are exposed to this wealth of information through compulsory field study which is conducted for two weeks prior to registration each fall.

L.U. Review

This fall John Griffith of the Department of Mathematical Sciences assumes the editorship of **The Lakehead University Review** from departing editors, Peter Raffo and Ivan Hannaford. Russell Brown of the English department will join him as assistant editor. Dr. Griffith will also continue in his present position as co-editor, with Dr. William Eames, of the **Ontario Mathematics Gazette** (a journal emphasizing intercommunication between school teachers, schools, and universities through consideration of new teaching methods, ideas, and techniques).

The Lakehead University Review presents articles written by the scholar for the general reader. It is an interdisciplinary journal of the arts and sciences with a special interest in Central Canadian studies. Subscriptions are $3.50 annually (two issues); single copies are available at $1.75. The editors welcome expressions of interest from any member of the university community engaged in or acquainted with research they feel would be of interest to readers of the review.

In Memoriam

A gentle reminder to those members of the University community who were perhaps off-campus over the summer months, and as a result were not aware of the TIM RYAN MEMORIAL SCHOLARSHIP FUND.

Contributions should be made payable to Lakehead University and forwarded to the Secretary of the University, Lakehead University.

A total of $1,994.50 has been received to date.

VE3LUE Activities

The Lakehead Amateur Radio Club in conjunction with the student amateurs here at the University will be welcoming Mr. Noel B. Eaton, VE3CJ on October 3, 1972.

Mr. Eaton, Director of the Canadian Division of the American Radio Relay League, Inc., will be available in the Faculty Lounge from 7:30 p.m. for an informal get-together with local hams.

Those people interested in the new D.O.C. proposed regulations and problems arising from extended frequency coverage for the United States amateurs should take this opportunity to come out and ask questions.

The University amateur radio station VE3LUE is located in the Centennial Building, room 1031. For those who are licensed, come and use the facilities. For those who may want to get their license, Code classes may be conducted if we get enough people.

Athletic Services

The Lakehead University Athletic Service Program is a program of non-university credit instructional courses. Most courses will have 12 hours of basic instruction. The program is designed to meet the needs of both the University and the community. All courses are open to both University students and non-students. This year special arrangements have been made for Confederation College students to have full participation in the Lakehead University Service Program. Many of the courses, though non-credit, will offer certification such as swimming, lifesaving, first aid, etc.

The program is divided into a fall program which runs from October 16 to November 25 and a winter program which runs from January 8 to February 17. A winter schedule of courses will be announced in December with registration January 4, from 7:00 to 10:00 p.m. in the C.J. Sanders Athletic Building. Fall registration will be held October 11 and 12 from 7:00 to 10:00 p.m. in the C.J. Sanders Athletic Building for students and non-students.

Students will be required to show proper identification. All classes are on a first come - first served basis.

For further information you may contact Mr. Howard Lockhart, Service Program Director, 345-2121, ext. 650.

Fall Schedule 1972-73

Registration: Wednesday, October 11 and Thursday, October 12 - 7:00-10:00 p.m.
at the C.J. Sanders Athletic Building.

COURSE	LOCATION	DAY	TIME	STARTING DATE	INSTRUCTOR	NON STUDENT FEE	TERM
Archery	Fac. of Ed.	Sat.	10-12 noon	Oct. 21	J. Hachiguchi	$12	1
Badminton	Ath. Bldg.	Wed.	9-11 pm	Oct. 18	D. Evans	$12	1
Fencing	Aux. Gym.	Sat.	10-12 am	Oct. 21	M. Bjorgo	$12	1
First Aid	Ath. Bldg.	Mon.	8-10 pm	Oct. 16	St. John's	$12	1
Folk Dance	Fac. of Ed.	Mon.	8-10 pm	Oct. 16	P. Rutherford	$12	1
Judo	Combatives Rm.	Tues.	8-10 pm	Oct. 17	R. Lappage	$12	1
Karate	Combatives Rm.	Wed.	9-11 pm	Oct. 18	D. Pakulak	$12	1-2
Modern Dance	Fac. of Ed.	Tues.	8-10 pm	Oct. 17	M. Wahl	$ 4	1
Squash	Ath. Bldg.	Tues.	8-10 pm	Oct. 17	B. France	$12	1
Women's Fitness	Aux. Gym.	Wed.	9-10:30 pm	Oct. 18	B. Penner M. Joseph	$15	1-2

Student Fees: $2.00 per course with the exception of First Aid at $11.00 and Women's Fitness at $4.00.

Media On The March!

The Media Services Centre has recently vacated the Black Shack and taken up permanent (hopefully) residence in offices near the main entrance of the Main Building opposite the Library.

Audio/Visual

The Audio/Visual function, manned by Jerry Ventrudo, Co-ordinator, and Jim Ruoho, Technician, is now located in the area of the former television studio in rooms MB-1065 and MB-1065A, Extension 267.

The primary function of the Audio/Visual area is the distribution of equipment such as projectors, portable screens, tape-recorders, etc., to be used as teaching aids throughout the University. The office is also responsible for the production of audio tapes for extension and radio programs, and for the production and broadcasting of video-taped, closed circuit television programs on campus.

Audio/Visual has a centralized educational film library and cataloguing system whereby the entire University community has access to a wide variety of such material. This office also offers a centralized repair service and clearing house for all audio/visual and television equipment on campus.

Audio/Visual offers consultative services pertaining to audio/visual and television installations within the University community. In addition, staff are available to instruct teachers in the use and operation of teaching aids. In the event that such information cannot be passed on, the office also provides operators for all equipment.

The staff in Audio/Visual are also responsible for all equipment operations in the University's lecture and production theatres, including educational, community and conference activity.

Graphics/Photography

The Graphics/Photography section, co-ordinated by Ted Kayden and manned by technicians Ben Kaminski and David Ventrudo, concentrates on the production of teaching aids such as overhead projectuals and slides. All aspects of still photography and cinematography are available for research, teaching aids and the promotion of the University's programs.

This department also prepares copy for the publication of teaching aids and University brochures, posters, etc. It is also the responsibility of Graphics/Photography to design such publications.

Graphics/Photography is equipped to produce, in consultation with University teachers, the best possible teaching aids for given academic situations.

The Graphics/Photography laboratory is located in room 1067 in the Main Building. Requests should be channeled through Ted Kayden, in room 1057B, Extension 567.

Information

The Information Office offers a public relations function for the entire University community. Liaison with the news media, including radio, television and newspapers is an important aspect of that function. Any member of the University community who wishes to release information about the University, whether in the form of paid advertising or press release, is urged to do so through the Information Office.

The Information and Publications Officer, Bob Penfold, compiles and edits **L.U. Week**, which appears every second Thursday throughout the school year, or more frequently as necessary. Copy for **L.U. Week** must be in the Information Office no later than noon of the Tuesday immediately preceding the publication date. Further requests should be directed to Gwen Henry, secretary for Media Services, at Extension 300.

Further duties of the Information Office include the supervision of all copy for promotional materials involving Lakehead University. This involves material for all University brochures and posters, as well as press releases and advertisements.

The Information Office can also be called upon for advice and co-ordination pertaining to proposed productions on local radio and television stations.

Campus Notes

●Dr. Rosehart of the School of Engineering attended the National Heat Transfer Conference of the ASME in Denver in August and was Co-author of a paper entitled "Mixing by Turbulent Interchange in Nuclear Fuel Bundles" with Dr. J. T. Rogers of Carelton University.

Dr. Rosehart also presented a paper entitled "Mine Water Purification by Reverse Osmosis" to the Canadian Society of Chemical Engineers Meeting in Toronto on September 20, 1972.

●Professor S. S. Kaplan of the Department of Political Studies recently presented a paper entitled "United States Military Aid to Brazil and the Dominican Republic: Its Nature, Objectives and Impact" to the University of Chicago Arms Control and Foreign Policy Seminar.

●Professor I. Hannaford, formerly of the Department of Political Studies published an article entitled "Machiavelli's Concept of Virtu in the **Prince** and **Discourses** Reconsidered" in the latest issue of **Political Studies.**

●Dr. G. Engholm, Chairman of the Department of Political Studies will be presenting a paper entitled "Policy Representation and Colonoalism in Tropical Africa" to the Northeastern Political Science Association meeting to be held on the Amherst campus in October.

●Professor G. R. Weller of the Department of Political Studies is contributing a chapter on Health Policy Structures in Canada to a forthcoming text on Canadian Policy Structures edited by G. B. Doern and S. V. Wilson.

●Professor J. Finan of the Department of Political Studies recently completed a research monograph entitled "The Strategic Implications of C B Defences in Developing Regions: A Problem in Arms Control: for the Defence Research Board of Canada.

●Dr. John Stolte of the Sociology Department, recently received his Ph.D. Degree from the University of Washington, Seattle, on September 8, 1972.

●Dr. I. G. Davies of the Department of Geography has just returned from a year's sabbatical leave at the University of Edinburgh. While on sabbatical he delivered a series of lectures for the Royal Scottish Geographical Society on the problems of developing Canada's Mid-North; read a paper to the Conference of Scottish Geographers dealing with indices of northness in Canada; and addressed the Edinburgh University Centre for North American Studies on Urban Renewal in North America. In addition he delivered lectures to the Geographical Association in Edinburgh, and at Strathclyde University.

Communications Seminar

The School of Engineering, electronics section sponsored a seminar on high frequency communications which took place on Tuesday and Wednesday, September 26 and 27 at the University.

Mr. E. D. DuCharme and Mrs. Joan Campbell of the Department of Communications, Ottawa, centred their approach around the predictability of broadcast conditions in the northern hemisphere. Such questions are increasingly important in northern regions due to an increasing public and private interest in high frequency broadcasting.

Such an approach to communications is attractive to a region like Northwestern Ontario for a number of reasons. But, mainly, high frequency provides a relatively cheap means of establishing communication between and for isolated communities.

During the seminar, students from both the University and Confederation College joined together with about thirty people working in the industry throughout Northwestern Ontario.

Left to Right: J. Wheeler, J. Coolen, Mrs. Campbell, Mr. DuCharme, D. MacLean, D. Roddy.

This is the first time that representatives of Bell Canada, Ontario Hydro, Ontario Department of Highways, the Federal Department of Communications, Canadian National, Canadian Pacific, the local broadcasting industries, and so on, have met with members of the University and College communities to discuss communications, a topic extremely vital to the development of the region.

Student Placement

All students seeking assistance in finding employment should register at the Canada Manpower Student Placement centre on campus. The Student Placement Offices are located on the second floor of the University Centre, directly above the University Theatre entrance.

Every year personnel representatives of many government and business concerns take part in a recruitment invasion of Lakehead. Following is a list of firms, along with the dates they will be conducting interviews on campus.

Report to the Student Placement Office in advance of application deadlines to ensure your eligibility for employment interviews and examinations.

- Students who will qualify for a recognized university degree by September, 1972, and who are interested in administrative careers in the Public or Foreign Services of the Federal Government, **must** complete examinations to be held on Thursday, October 19 in order to be eligible for such positions. Only those who have been issued an examination card will be allowed to write. Such cards are available through the Student Placement Office only before Tuesday, October 10.

- Graduating students who expect to obtain degrees in economics, statistics, mathematics, or economic geography are invited to a general briefing session to take place at 12:30 p.m. on Thursday, October 19. The session will provide general information regarding careers in economics and statistics in the Public Services of Canada. The location will be announced at a later date.

- Careers in the Social-Economic Program of the Federal Government are open to candidates for the Masters degree in Psychology. Interviews will take place on campus on Friday, November 24. The application deadline for these interviews is Monday, October 16.

- Graduating Science students expecting four-year honors degrees in the fields of Chemistry and Biology are urged to note that Public Service interviews will take place on Monday, November 13. Application deadline for these interviews is Monday, October 23.

- Careers in meteorology for the Public Services of Canada will be explained during interviews to be held on Wednesday, November 29. Deadline for applications is Monday, October 16. Only honors physics majors with minor in mathematics will be eligible.

- On Monday, November 6, Clarkson-Gordon, a chartered accounting firm, will be interviewing on campus. They are interested only in students who will be graduating in honors commerce, as well as those who will be eligible for the Graduate Diploma in Business Administration.

- Another chartered accounting firm, Peat, Marwick, Mitchell and Co., will be interviewing all prospective degree graduates on Friday, November 24. Application deadline for these interviews is November 16.

- Graduating students in Commerce and Business Administration are alerted to participate in financial management program interviews with Canadian General Electric to take place on Monday, November 27.

- The Bank of Nova Scotia will interview prospective honors commerce graduates on Wednesday, November 29.

- Bell Canada will interview degree students graduating in commerce, economics and mathematics. The interview date will be Wednesday, December 13; and the application deadline is Friday, October 27.

- Management trainees will be sought by Zeller's Canada Ltd. on Wednesday, January 31. Prospective employees must be prepared for periodic expense-paid transfers. Graduates in commerce and business administration are preferred.

- Students seeking part time summer or permanent employment are urged to contact the following Student Placement Officers:
  Mr. R.B. (Bob) Armstrong is responsible for registering and placing students enrolled in forestry, engineering, library technology and nursing.
  Mr. D.R. (Dennis) Bevilacqua is in charge of all other undergraduate students, including those in arts, physical and health education, and three-year diploma in business administration.
  Mr. M.A. (Moe) Ktytor will concern himself with students enrolled in masters programs and graduate diploma programs, as well as students graduating in commerce and science during the coming year.

  Arrangements will be made to see Faculty of Education students and the Education Building throughout the school term.

For Library Use Only

weekly events

Friday September 29	–LU Soccer Team vs. University of Manitoba, 5 p.m., Faculty of Education Field
	–First Annual Kaministiquai Folk Festival 2 p.m. Agora
	–AMS Movie "The Loved One", UCT, 6:30 & 9:00 p.m.
Saturday September 30	–LU Soccer Team vs. University of Manitoba, 12 noon, Faculty of Education Field.
Sunday October 1	–AMS Movie "The Loved Ones", UCT, 6:30 & 9:00 p.m.
Wednesday October 4	–Intramural Tackle Football, Fieldhouse.
Thursday October 5	–AMS Nite Club, Cafeteria, 9 p.m., "Bananas"
Friday October 6	–AMS Nite Club, Cafeteria, 9 p.m., "Bananas"
Saturday October 7	–Intramural Gold - enter before October 7, interested people check at Athletics Department.
	–Intramural Flag Football, Fieldhouse
	–AMS Nite Club, Cafeteria, 9 p.m., "Bananas"
	–AMS Movie, UCT, "Mill House", 6:30 & 9:00 p.m.
Sunday October 8	–Intimacy Concert, Norman Room, Royal Edward Hotel, 7:30 wine & cheese is served with concert commencing at 8:15 p.m.
	–AMS Movie "Mill House", UCT, 6:00 & 9:00 p.m.
Tuesday October 10	–Intramural Floor Hockey, Fieldhouse
Thursday October 12	–Nanibijous Paddle - meet at Athletic Building
	–Department of Economics Staff Seminar, Dr. K.C. Kim, "Dynamics of Wage Structure", 2:30 p.m., UCO050

meetings

Saturday September 30 — Senate Meeting, Senate Chamber, 10 a.m.

Bus Tour

A bus tour has been arranged by the Lakehead University I.S.O. The purpose of the tour is to acquaint students from outside the region to Thunder Bay and environs.

Four buses, compliments of the City of Thunder Bay, will leave the University Centre at 1:00 p.m. this Saturday, September 30. Each of the buses will have a qualified guide aboard to point out sights of interest in Thunder Bay. The tour will proceed to Mount McKay for a panoramic view of the surrounding countryside, following which they will drive past Can Car, Great Lakes Paper, downtown Thunder Bay South, along the waterfront, downtown Thunder Bay North, Hillcrest Park, along North Algoma Street, around Boulevard Lake, Centennial Park, Shipyards and return to Lakehead University - total time 2½ hours. Part of the program will include an official welcome, luncheon and the showing of a film.

Considerable effort has been expended to make arrangements for this tour. You are therefore urged to take part in this excellent way to become familiar with the area surrounding Lakehead University.

NORTHERN STUDIES RESOURCE CENTRE