

POLLUTION TO BE STUDIED BY L.U. RESEARCH TEAM

●A study of air and water pollution in Northwestern Ontario will be conducted by five Lakehead University professors who have just been awarded a multi-discipline \$30,000 research grant from the Department of University Affairs.

The men included in the pollution research team are: Dr. R. A. Ross; (Dean of Science); Professor Albert Bruley, (Chemical Engineering); Dr. Richard Freitag, (Biology); Dr. George W. Ozburn, (Biology) and Dr. J. W. L. Hastings, (Physics).

Their project will begin on July 1. The principal emphasis will be on studies of the heterogeneous reactions of complex flue gas mixtures on catalytic solids. Part of the grant will be used to finance personnel and equipment for the project including materials for the construction of a small pilot scale reactor. It will be built in the Kraft mill plant of the Great Lakes Paper Co., Thunder Bay with the collaboration of the company which is already recognized as one of Ontario's leaders in reducing air pollution from kraft mills. The catalytic process presents the possibility of reducing air contamination still further on an economically feasible basis.

Dr. Ross already has an established reputation in catalytic science and, with his research group, pioneered earlier studies of the adsorption of sulphur containing gases on porous solids. Professor Bruley has substantial background

INTERSESSIONAL BEGINS MONDAY

●Once upon a time, Lakehead University's classrooms were vacant for the two-month period between the regular academic year and the summer session. This is no longer the case. The university now offers Intersessional Courses which begin Monday, May 11 and continue until June 23.

Intersessional was inaugurated last year. Only one course was offered at that time, however nine more courses were added this year. All ten full-credit courses in this year will be taught by members of the LU academic staff week-day evenings.

"On the basis of student response, this year we may request courses in the May-June period to become a regular feature of the Summer Session" said Mr. K. L. Morrison, L.U. Summer Session Director.

knowledge of technical flue gas operations.

Dr. Freitag will investigate the effect of atmospheric fallout on the population and longevity of carabid beetles by means of pitfall traps strategically located. The beetles will be used as an indicator of the ways in which urbanization and industrialization affect the ecology of the Thunder Bay environment. Dr. Ozburn is primarily concerned with certain fresh water organisms and toxic effects on these while Dr. Hastings will study the use of snow as a possible pollution fallout indicator in and near the city.

Dr. R. A. Ross, LU Dean of Science accepted the grant on behalf of his fellow researchers. He called it a "boost to the Faculty of Science" and continued: "The award gives substantial encouragement to University scientists to actively pursue co-operation with industry for a joint attack on urgent scientific and technological problems where know-

APPOINTMENTS

John G. Coolen, M.Sc. (U.N.B.), Assistant Professor of Engineering
Dave Wotton, Laboratory Technician, School of Forestry
Peter J. Rutherford, B.Ed. (P.E.) (McGill), Assistant Professor in Faculty of Education
Donald J. Richardson, M.Sc.F. (U.N.B.) Lecturer in School of Forestry
John B. Hansen, Programmer, Administrative Programming Department
Mary H. Richardson (Miss), M.Ed. (Alberta), Assistant Professor, Faculty of Education.
Gwenn Barker (Miss), Laboratory Technician, Department of Biology.
John C. Warkentin, M.A. (Waterloo) Assistant Professor, Department of Mathematics
Gerald M. Hashiguchi, B.Sc. (Lakehead) Jr. Laboratory Technician, Department of Biology.
Dr. Ian M. Hoodless, B.Sc., Ph.D. (Durham), Professor, Dept. of Chemistry.

ledge lags behind community aspirations."

Dr. Ross expressed his appreciation to members of Great Lakes Paper for their cooperation in the project. In particular he wished to thank Dr. G. Allen, Director of Research; Mr. C. Gain, Technical Control Supervisor and Mr. C. F. Carter, Vice-President, Engineering.



●The pride of the University's athletic department right now is a multi-armed "Gladiator" which can hold more than a dozen stretching, pushing and pulling people at one time. The Gladiator is a gym machine (shown in photo above)

Dr. J. Widdop, Director of the L.U. School of Physical and Health Education commented that the machine is probably one of a mere half dozen across the country. There are different sizes of machines available with numbers of "stations" varying from eight to fifteen. The Gladiator is the largest.

"Its uses and variations are virtually limited only by one's imagination" explained Dr. Widdop. "Its simplicity

and safety make it available to men, women and children of all ages and strength groups. Having so many stations means that large numbers can be accommodated easily by having groups working for 30 seconds at a time with 30 to 40 seconds 'rest' while other groups are at the stations. A class of 60 people could be given a good vigorous program for all parts of the body within a period of from 10 to 15 minutes".

Dr. Widdop continued "Already, the Gladiator is very popular and many students and staff are carrying out personal programmes based on their own particular needs and desires. Come out and try it - you'll enjoy it."

W. SHAKESPEARE POPULAR MAN DURING SUMMER SCHOOL



Paul R. Heckley



Jouni Paavo Kraft

●Two outstanding Lakehead University chemistry students have been accepted by graduate schools in the United States.

Jouni P. Kraft will attend the Massachusetts Institute of Technology for his Ph.D. studies in Physical Chemistry, and Paul R. Heckley will be attending the University of Georgia for his Ph.D. studies in Organometallic Chemistry.

CIDOC FEATURED IN 'NEW YORKER' ARTICLE

●The Latin - American Centro Intercultural de Documentacion in Cuernavaca, Mexico is the subject of the main feature in the April 27 issue of NEW YORKER magazine. (Lakehead will offer four summer session Spanish courses at CIDOC July 29 - August 15.) CIDOC began as a religious seminary a decade ago in Puerto Rico under the aegis of the late Francis Cardinal Spellman. The article explores the philosophy of Rev. Ivan Illach, CIDOC's director, and his and the centre's role in Latin American revolutionary movements. CIDOC's library of social science materials is reported as one of the best in the world.

CONFERENCES

●Two Lakehead representatives will attend "DIALOGUE 70" at Western Ontario University in London from Sunday through Wednesday.

Purpose of the conference is to provide secondary school administrators and counselors with information on Ontario universities. There will be general sessions on aspects of university life plus individual conferences on each of the 16 provincial universities.

The 1971 university admissions conference will be held at Lakehead. Will Bohm, director of admissions; and Pentti Paularinne, admissions officers, will represent LU.

●An industrial relations conference sponsored by the LU School of Business Administration will take place at the University from Thursday, May 14 until Saturday, May 16. Delegates to the conference will analyze present policies and practices and explore new programs and methods in the field of industrial relations.

●William Shakespeare, his time, his plays and his theatre will again be highlighted during Lakehead University's Summer Session.

The success of the Shakespeare Seminar and Theatre Workshop in previous years has prompted Dr. George Merrill, the Shakespeare specialist on the regular L.U. Faculty, to expand the offering this summer and to bring additional theatre personnel to work with him.

Directing the Theatre Workshop this year in co-operation with Dr. Merrill will be Mr. & Mrs. William Pendergrast of the faculty of National Theatre School of Canada located in Montreal. They will be assisted by Mr. & Mrs. Bartley Bard who are graduates of the National Theatre School.

Carol Pendergrast is an expert in the field of voice and speech and a professional actress and singer. She has been a voice coach for actors at the Tyrone Guthrie Theatre in Minneapolis, the Stratford Festival Theatre in Stratford, Ontario, and most recently, the Arena Stage in Washington, D.C.

AUTHOR! AUTHOR!

●The lead article in the recently published issue of "Habitat" is devoted to the city of Thunder Bay. Authored by Assistant Professor of Geography Ivor Davies, the paper examines the process leading to amalgamation and points up some of the similarities and differences between the two communities. "Habitat" is a publication of Central Mortgage and Housing Corporation.

W. CROWE AWARDED PROVINCIAL HEALTH RESEARCH GRANT

●The President of Lakehead University, Dr. W. G. Tamblyn, has been advised by the Government of Ontario, that a Provincial Health Research Grant of \$2100 has been awarded to Professor Walter R. Crowe of the School of Business Administration.

The Award relates to a study in progress, concerning "Forecasting of demand for Hospital Supplies" and has special reference to Canadian hospital supply problems and possible computer solutions.

In connection with the project, Mr. Crowe will be working for several weeks this summer in the Industrial Engineering Department, Hospital for Sick Children, Toronto, which is concerned with advanced computer applications to health service administration.

William Pendergrast is an assistant artistic director of the National Theatre School. He received his M.A. in Drama from San Jose State College and he has worked at the California Shakespeare Festival. Mr. Pendergrast is currently in the process of writing a three-act play.

The Theatre Workshop will include studies in Acting, Speech, Technical Theatre and a Period Study of Elizabethan life - styles. This year there will be an additional laboratory course which will involve the rehearsal and preparation of a presentation of Shakespeare scenes. Plans for an Elizabethan "midsummer festival" are in progress.

Students will view Shakespeare films from many lands and travel to the Guthrie Theatre in Minneapolis to see "The Tempest".

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CAMPUS VISITORS: Three professors from the University of Western Ontario, John Carroll, Edward Ryan and Dr. J. Ivan Williams, visited Lakehead University last week as part of their study of "Privacy and the Computers." They are beginning their research by studying the processing of student records in Ontario universities.

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this week

MON., MAY 11
INTERSESSIONAL CLASSES BEGIN

WED., MAY 13
All Day Bank of Nova Scotia Conference Res.Din.

THURS., MAY 14
8 pm Canadian Alliance Meet. tics Lg.
8 pm Registration - Industrial Relations Conference Fac-Lg.

FRI., MAY 15
All Day Industrial Relations Conference Rm.028

SAT., MAY 16
All Day Industrial Relations Conference Rm. 028

****All events subject to last minute change****

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Judy B. Breakey, Editor
Gail Keffer, Secretary
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