

Christmas Feast

The Sixth Annual Christmas Party for faculty, staff and friends of Lakehead University will take place on campus Friday, December 22.

The hard-working Christmas Party Committee, consisting of Jean Helliwell, Marion Holah, Wilma Ayre, Anne Griffith, Marilyn Orr, Judy Merrill, Eula Botly, Carol Stolte, Anne Jones, Aline Bresele and Nancy MacGillvray have arranged the following program:

Cocktails will be served commencing at 6:30 p.m. in the Main Cafeteria, followed by the annual smorgasbord supper served in the Residence Dining Room at 7:30 p.m.

Entertainment throughout the evening will be provided by the music of Rocky Albertini.

Tickets are still available at the University Switchboard or through the Geology Secretary, Jean Helliwell, Extension 461. All guests are welcome. Merry Christmas, everyone!

Recent PhD

Dr. Ronald G. McKechney of the School of Physical and Health Education was recently presented with a PhD from the University of Minnesota. A Canadian citizen, Dr. McKechney completed his undergraduate work at Saskatchewan and Bemidji State Universities before completing his M.A. in Physical Education at the University of Minnesota.



Dr. R. G. McKechney
nator for student teaching in the Physical Education program at Minnesota.

Since joining Lakehead University, Dr. McKechney has served as a coach for the University soccer team. He also coordinates track and field activities for all four years of the B.P.H.E. program in addition to teaching courses in the organization and administration of physical education and in athletic injuries.

Dr. McKechney has a wide range of teaching experience: one year of elementary school, five years of high school in both Canada and the United States, as well as three years as an instructor at the University of Minnesota. During the past year he served as coordi-

President Tours North

From Monday, December 4 to Wednesday, December 6, Dr. Andrew D. Booth, president of Lakehead University, visited the northwestern Ontario communities of Kenora, Red Lake, Ear Falls and Dryden. He was full of anecdotes on his return, particularly concerning his reaction to the extreme cold. Not only did he have to replace his car battery (frozen solid), but he also had to endure a frigid night in a motel which had suffered a break-down of its heating unit.

Dr. Booth vowed to take the Minister of Colleges and Universities on such a tour in order to convince him of some of the hardships involved in the University's extension services to northern communities.

Minor inconveniences aside, Dr. Booth spoke of fruitful meetings with service clubs, off-campus university students and also high school students. The latter spoke in glowing terms of their recent visitation to the Lakehead University campus. All-in-all, the president seemed quite confident that he had both maintained and increased the good rapport which has existed between the University and the outlying region of Northwestern Ontario.

Star Gazers

Dr. John Griffith of the Department of Mathematical Sciences has reserved a room on the fifth floor of the Library for a weekly astronomical observation night. In the Reading Room, located between Rooms 5034 and 5036, on Mondays from 7:30 to 11:30 p.m., the general public and students are invited to make use of University telescopes from the Library balcony. Someone knowledgeable about astronomy will be present (on clear nights).

Children's Party

A party for the children of University faculty, staff and friends will take place in the Main Cafeteria from 1:30 - 3:30 p.m. on Sunday, December 17. The cost to parents is 60¢ per child. Children up to 10 years of age are welcome.

For further information contact Mr. J.H. Kelleher, Extension 711, or his wife at 577-1867. Rumor has it that Santa Claus will make an appearance, that is unless he oversleeps as a result of his busy department store schedule.



Ukrainian Club Notes

The Lakehead University Ukrainian Club is sponsoring a lecture-discussion series on Ukrainian culture to take place some Tuesday and Friday evenings at 8:00 p.m. in Room 1022 of the Ryan Building.

Dr. Danylo Struk of the Department of Slavic Studies, University of Toronto, initiated the series on December 8 with the topic "Intellectual dissent and poetry in the contemporary Ukraine." The series will resume again on January 12, 1973. Watch the events column of LU WEEK for times, topics and speakers.

The Ukrainian Club feels very strongly that such a series will benefit not only the Ukrainian community in Thunder Bay, but also the community at large. All are welcome.



Julie Uhacz at Christmas Dinner, 1971

Committee Meets

The steering committee of the Lake Superior Association of Colleges and Universities met recently in Duluth. It is the task of this committee to work out guidelines on financial arrangements within and among member institutions regarding exchanges of faculty and cultural events.

This consortium of colleges and universities came into being on October 23, 1972 after better than a year of discussion among faculty, staff and presidents of the member institutions. Representing member institutions on the steering com-

mittee are John Haugland, University of Wisconsin, Superior; Charles Twining, Northland College, Ashland Wisconsin; David Vose, University of Minnesota, Duluth; Donald Eldon, Lakehead University, Chairman; Sister Mary Carol Braun, St. Scholastica College, Duluth, Minnesota; Edwin Blackburn, Mount Senario College, Ladysmith, Wisconsin; Harold Hultberg, St. Scholastica College, Duluth, Minnesota; Robert Heller, University of Minnesota, Duluth; Bryan Mason, Lakehead University; Albert Dickas, University of Wisconsin, Superior; and Bruce Harrison, Mount Senario College.

The purpose of the Association is to further the capabilities of its member institutions in meeting the regional, national and international needs for high education and research through sharing and co-operative development of resources. A few arrangements have already been made regarding faculty exchange.

Employment Notes

Graduating students are reminded that the last date to apply for careers with the Civil Service Commission of Ontario is January 19, 1973. Any student interested in full- or part-time employment, permanent or summer, is urged to contact the Student Placement Office immediately.

Language Note

The committee of the Dictionnaire des Journalistes de Langue Francaise (1631-1789), has accepted an article written by Professor Alain Nabarra of the Department of Languages, dealing with Henri-Joseph Dulaurens, an eighteenth century philosopher. This biographical and bibliographical dictionary deals with French language newspapers and journals from the inception of the periodical press to the Revolution of 1789. The production of this dictionary is the responsibility of a team of international specialists of eighteenth century French literature and thought, lead by Jean Sgard, Professor at the University of Grenoble and Jerome Vercruysse, Professor at the University of Bruxelles.

Mr. Nabarra is presently preparing a second article, on the French encyclopedist Charles-Etienne Pesselier, in collaboration with Marcel Gilot, Professor at the University of Grenoble.

CUA Meeting

On Monday, December 11, representatives of Lakehead University met with the Committee on University Affairs at Queen's Park, Toronto, for the purpose of presenting the University's annual brief on current difficulties and future plans.

Representing the University in its annual meeting with the Committee were Dr. A.D. Booth, President, Mr. G.H. Thompson, Comptroller, Dr. S. Magwood, Assistant Professor of Biology and member of the Senate Budget Committee, and Mr. B. Mason, Executive Assistant to the President.

The University presented a strong argument for the revision of the current method of formula funding of Ontario universities, whereby the universities are only informed of their total revenue half-way through their fiscal year. In this connection, the University argued for the adoption of the "slip-year" method of funding (a system which would provide provincial grants for the current year on the basis of the previous year's enrolment) and for a change in the weighting structure of the formula which would provide more money per student in low-enrolment programs than in very large ones.

Other financial matters discussed were the future of emergent grants and the appropriate operating weight for students enrolled in the diploma program in Forest Technology. The University suggested that the very concept of emergence was probably no longer a valid one, in light of the apparent unlikelihood of the institutions concerned reaching economically-viable enrolments in the foreseeable future. In view of this development, some other mechanism, such as the new formula suggested above which would allow higher weights for low-enrolment programs, should be adopted. Failing that, however, the University urged the Committee to recommend to the Government the adoption of an emergent grant policy which would be sensitive to actual enrolments, so that unexpected shortfalls in enrolment would not produce the immediate and drastic financial crisis experienced by a number of Ontario universities this year. The University also asked the Committee to approve an increase in the operating weight for Forest Technology diploma students.

The University reported on developments during the past year in the area of Continuing Education, including the extension of off-campus courses made possible by the new funding scheme worked out last year by the University and the Government.

Items which appeared to interest members of the Committee included: recently restructured administrative and advisory units whose immediate task is to develop a multi-year plan of related course offerings for part-time students, the growing cooperation with Confederation College in

the area of extension studies, and research on new ways to serve the people of Northwestern Ontario, including technological innovations and the introduction of short but intensive "burst" courses.

The Committee showed particular interest in the University's plans to offer Arts and Science degrees in general studies and in the proposed Honours Bachelor of Science program in Medical Laboratory Science. Recognizing the desire of some students to design their own programs on the basis of personal interest, rather than following the more structured programs of the traditional major concentrations, the University Senate has recently approved the concept of general degree programs which could allow students to choose any available University course, unrestricted by formal prerequisites but with appropriate counselling. The Medical Laboratory Sciences program proposal, which is the product of several years of planning by University faculty and local medical staff, would be, if it receives approval of the CUA and the Government, a unique program in Canada. The aim of this joint University-hospital program is to enable the interested medical technologist to increase his theoretical and practical knowledge in the field of laboratory medicine, thereby fulfilling the demand for more highly qualified technologists and preparing students for further study at the graduate level.

Finally, the University informed the Committee of its participation in the recently-established Lake Superior Association of Colleges and Universities.

Building Boom Halted

Editor's Note: In announcing to the Ontario Legislature the termination of capital assistance to the colleges and universities of Ontario on November 23, the Honourable Jack McNie, Minister of Colleges and Universities said:

Despite the necessity for exercising constraints in post-secondary building programs at the present time, I would like to reaffirm the Government's commitments to its stated goals of providing post-secondary opportunities to all qualified students and of encouraging excellence in our college and university programs.

This pause will provide the Government and the institutions with the opportunity to study current enrolment trends and to examine existing inventories of space with a view to more intensive utilization and generally to reconsider their plans for future development. In consultation with administrators, officials and advisory bodies, and with regard to the final Report of the Commission on Post-Secondary Education, the Government will seek to determine the best possible directions of growth.

University In The '70's

Editor's Note: Following are excerpts from a talk given by Dr. J. Gordon Parr, Chairman of the Committee on University Affairs, to a November meeting of Registrars of Ontario universities.

At the top of the list of priorities, I have to put the universities' ability to transcend governmental pressures, the temporal and expedient pleas of well-intentioned citizenry, the force of students and even - as necessary - the obstinacy of faculty. The universities whatever else they may not be - have to remain a clean touchstone of enquiry, a safe place of dissent. Even when funds dry up, students revolt, faculty strikes, buildings burn, there has to be a residuum, which contains the essence of the university.

I'm afraid that this essential quality has been forgotten during the past decade of rapid enrolment growth, of spiralling faculty appointments, of generous funding and of the day-to-day crises associated with speedy expansion. The public may have overlooked this attribute, this guarantee, vested in its universities. Possibly, faculty need to be reminded of it from time to time. And perhaps those students, who would like to see a politicisation of university campuses, have to be told of the great loss that would accrue were the universities to redeem that supreme residual quality of independent question and dissent. I doubt, however, that it is a quality which - until too late - would persuade the man in the street to subscribe to a university fund-raising campaign. His generosity - and generous he has been - is inspired rather by a hope of conformity than by the potential of a university's dissent in a time of oppression. Thus, the first influence, in my book, of universities upon society, is to inspire that sort of dissent which springs from enquiry, is tempered by respect for what one does *not* know, and is resolved by an appreciation of several sets of values. And how else may a university generate in society this sort of tolerance, than by the example of its faculty and its students?

The second influence of the university upon society rests upon the sort of work done by its graduates. Here the originality and innovative qualities of the university are important. For if the graduate is a replicate casting of a professorial mould, little headway is made. Unfortunately, the teaching profession - at all levels - has an inbred ancestry that does not encourage viable mutations to the evolutionary design of the mould. And while the university has contributed integrity to the intellectual processes of its graduates, it might have done more to encourage originality.

I'm afraid that the universities do not sufficiently acknowledge the informal level of education that students gain through television, newspapers, a general reading, and through a restlessness that is associated with a quite new sort of understanding.

The societal influence of the university through its graduates will be impeded if the university does not accommodate these parameters: first, that

Ph.D's must not be the only material for its faculty; second, that the students it admits to first-year studies are educated in areas that lie outside the traditional university territory. (Remember the Renaissance? It was concerned with the spirit and the life of man. If the universities still have this splendid concern, they must recognize the influence of post-Renaissance media!)

A third way - and in this talk, the final way - in which universities may influence society, is by their encouragement of part-time studies. There is no particular reason why a formal education has to be confined to a particular age-group. And the incidence of stop-outs, the increasing enrolment of part-time students, the success of what are called "open universities" in several countries, the drive for human fulfillment in leisure hours, all point towards the need for more flexibility in programs of university studies. Of course, there are academics who insist that the nature of a university program requires fulltime attendance on the campus for three years or for four years. While I respect this point of view, I happen to think it is archaic. It is so archaic that even Plato talking with students that walked with him, would not have agreed with it. The universities have to accommodate all sorts of enrolment. And so - by the way - does industry. It is time that industry - its owners and its employees - met with the universities, to define ways by which the universities might be opened up to a wider range of intellectually able students.

Now to run into the last lap, what advice does one give to students. First, and most important, that it's their penny: they have been subjected by the time they consider enrolling at university, to the publicity of college and university. (this is becoming a deplorable publicity, which I hope the schools and their students will question). Students may not have talked easily with their parents; but they have chatted with many people. They have read; and they have bummed around. They know that your view and my view embrace the essential quality of learning, and of passing on what one knows; of question dissent, and trial. And, it may be, that in their own way, this generation of student is more discerning, more able to test a spectrum of possibilities, than was our generation. Don't knock them if their way happens to be a packsack and hitch-hiking; or going to work after grade XII; or stopping-out after second year; or trying to go it alone.

The role of the university is to be there. To remain a sure defence against arbitrary measures; to be a place where question and dissent are encouraged. Tell your students that. But the universities do not guarantee a job. Tell your students that, too.

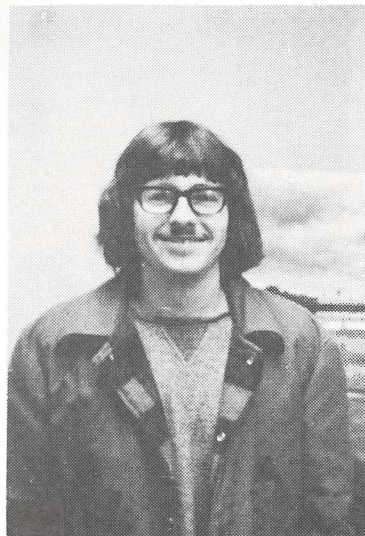
The role of the universities in the 1970's is - as it has always been - to try to disseminate freely what is known, and to encourage the study of what is at the frontier. The value of the university lies - as it has always lain - in the intellect, and the passions, of its community.

Award Announced

Dr. R. A. Ross, Dean of Science at Lakehead University, recently announced that Mr. Kenneth P. Szarabura, a second-year student majoring in

geology, had been awarded a J. P. Bickell Foundation Scholarship. This award, in the amount of \$1,500 over a three-year period, was made on the basis of Mr. Szarabura's extremely high academic standing as a first year student at Lakehead last year.

Mr. Szarabura has not zeroed in on a specific occupational goal, but his current interests lie in the field of mineral exploration.



Kenneth Szarabura

Physics Symposium

The first Western Canada Solid State Physics Symposium was held at the University of Manitoba in Winnipeg on November 24-25. It was organized under the auspices of the Canadian Association of Physicists with the objective of providing more contact among Western Canadian solid state physicists.

Five members of the Lakehead University Physics group attended the symposium and gave talks. Professor V. V. Paranjape gave an invited paper entitled "Phonon Excitation by Electric Field in Semi-conductors". Contributed papers were given by the other members. These were: "First Order Correction to the Energy of a Bound Polaron for High $E\hbar/m$ " M. H. Hawton and V. V. Paranjape - read by Mrs. Hawton.

"Gunn Effect in InSb in a Magnetic Field" W. Keeler and H. Heinrich - read by Dr. Keeler.

"Self-Action and Laser Beams in Semiconductors" P. K. Dubey and V. V. Paranjape - read by Dr. Dubey.

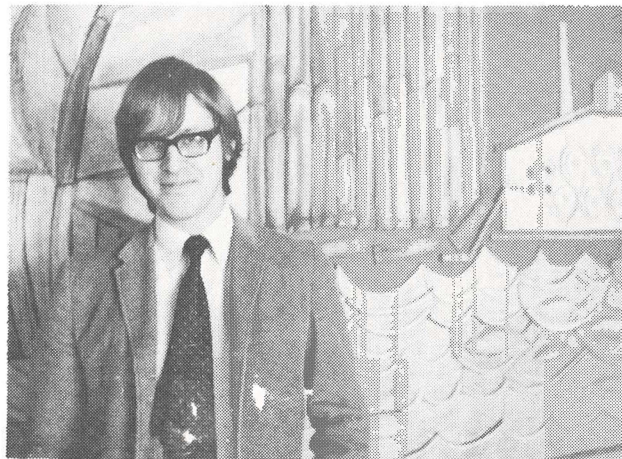
"Superconductivity in Pb-Bi Alloys Under High Pressure" R. E. Jones and D. K. Finnemore - read by Dr. Jones.

Forty-five people registered for the meeting and twenty-five papers were given (five invited, twenty contributed). While the meeting was small, there was plenty of time to tour the research facilities at the University of Manitoba and discuss projects of mutual interest with others in attendance.

As a point of interest, the Lakehead University contingent presented the greatest number of papers, and was second in size to that of the host University.

Exchange Initiated

A Professor from Lakehead University will teach a three-credit course on "Government and Politics in Canada" as a development in the recent formation of Lake Superior Association of Colleges and Universities.



Mr. Larry Joseph

Larry Joseph, lecturer in political studies and a Canadian government specialist, will fly to Duluth each Sunday during winter quarter to lecture for two hours each Monday morning at the University of Minnesota, Duluth. The class, limited to 25 students, will meet once a week but will write a term paper in addition to the two-hour lecture.

Joseph's course marks the first, formal faculty exchange among the six colleges involved in the new consortium. They are, University of Minnesota, Duluth, Lakehead University, College of St. Scholastica, University of Wisconsin-Superior, Northland College, Ashland, and Mount Senario College, Ladysmith.

It is hoped that a UMD faculty member will teach a course in political studies in 1973 at Lakehead University.

weekly events

- Friday
December 15 —Junior Varsity Basketball vs. Mesabi State College, 7 p.m., Fieldhouse.
- Tuesday
December 19 —L.U. Basketball Team vs. Bemidji State College, 8 p.m., Fieldhouse.
- Wednesday
December 20 —L.U. Basketball Team vs. Bemidji State College, 8 p.m., Fieldhouse.
—Thunder Bay Chamber Orchestra Christmas Concert with Chorus and Orchestra, 8:30 p.m. Selkirk Auditorium.
- Friday
December 22 —B.P.H.E. Xmas High School Wrestling Tournament, Northwestern Ontario High School Fieldhouse.
- Saturday
December 23 —B.P.H.E. Xmas High School Wrestling Tournament, Northwestern Ontario High School, Fieldhouse.
- Thursday
December 28 —L.U. Invitational Basketball Tournament, Northwestern Ontario High Schools, Fieldhouse.
- Friday
December 29 —L.U. Invitational Basketball Tournament, Northwestern Ontario High Schools, Fieldhouse.
- Thursday
January 4 —High School Senior Basketball, Jamboree Game, Fieldhouse.

Library Notes

- The University Library is helping with two projects at present underway in the Thunder Bay community. The Thunder Bay Historical Society is seeking a Local Initiatives Program Grant to help with the recording and microfilming of the archival material in its possession. This is a useful supplement to the local material held by the University Library itself, and, once recorded, will be of great benefit to the community in general and to research workers at the University. We are therefore supporting the project and will provide whatever assistance and advice we can to enable the best use to be made of the help that a Local Initiatives Program Grant would produce.
- The municipality is also microfilming its own records, and the Library is cooperating in this venture by making its microfilm camera available, at a modest charge, at times when it is not required for Library purposes.
- The Library has a new display in the Catalogue Hall display cases, of works on various world religions and religious art. This will be retained until the end of December.

meetings

- Friday
December 15 Senate Committee on Continuing Studies will meet in the Little Dining Room at 4:30 p.m.
- Friday
January 5 Senate Meeting, 9:30 a.m., Senate Chamber

Scuba Diving Course

The Lakehead University Athletic Service Program will offer the National Association of Underwater Instructors Scuba Diving Course in the winter Service Program. The course will be offered on Sunday and Wednesday evenings from 9:00 to 11:00 p.m. in the new University pool. The fee for the course will be \$50.00 for non students which includes equipment except for mask, fins, snorkel. Persons wanting to take the course should get applications in advance from one of the secretaries in the Athletic Office, or call 345-2121, ext. 213. A physical examination is required in advance.

Service program registration will take place January 10th and 11th, 7:00 to 10:00 p.m. in the C. J. Sanders Fieldhouse.

If further information is required contact the Service Program Co-ordinator, Howard B. Lockhart, at 345-2121, extension 650.

