

NEWS BULLETIN

UNIVERSITY OF GUELPH

Maurice Strong will speak here



Maurice Strong, secretary-general of the United Nations Conference on the Human Environment, will give the first Ronald S. Ritchie Lecture at the University Tuesday, November 14. He will speak on Societal Management in the Environmental Era.

Mr. Strong is a prominent Canadian who has pursued careers in business and in foreign aid before assuming his present position, which involves the coordination of international pollution control policy. He was awarded an honorary Doctor of Laws degree at the University's Spring Convocation in 1968.

The Ronald S. Ritchie Lectures are to be given annually to honour Ronald Ritchie, who joined the University's Board of Governors in 1965 and served as chairman of the board from 1968 to 1972. He also served as co-chairman of a successful five-year drive for \$7.5 million in development funds.

Mr. Strong, who was born in 1929 in Oak Lake, Manitoba, reached grade 12 in high school at age 13, and took a post in northern Manitoba where he began a career in resource industries which ultimately led to a position as President of Power Corporation, Montreal. In 1966 he became president of the Canadian International Development Agency, the federal government's foreign aid agency which he himself blueprinted. He took his present post at the United Nations in 1970.

Two-year \$225,000 study

Consider aesthetics and environment in Guelph study of overhead power lines

A University of Guelph team will carry out a broad two-year study of location criteria for the environmental impact of high-voltage overhead power transmission lines and installation. The study has been commissioned by Ontario Hydro.

Expected to cost about \$225,000 and last approximately two years, the study will be used as a basis for evaluating the criteria now being used, and for establishing improved approaches to the selection of routes for high-voltage lines. The inter-disciplinary Guelph research team will be headed by Professor L. M. Wester through the Centre for Resources Development. Team members include Professor D. W. Smith, Botany and Genetics; Professor E. C. Gray, School of Agricultural Economics and Extension Education; Professor E. E. Mackintosh, Land Resource Science and Professor J. D. Milliken, Landscape Architecture.

"Hydro engineers must design power lines to transmit power efficiently," says Professor Wester, "and in the past this has been the primary criterion in assessing route and design plans.

"At the same time, landscape architects and others have become concerned that other criteria relating to aesthetics and the environment should also be considered, and indeed could be considered without increasing significantly the cost of power transmission."

Recently, the general public, conservation groups, and local government representatives all have questioned the criteria Hydro uses for locating its lines. They are demanding that these lines be located and built in a manner that will minimize their impact on the visual environment and ecological systems along and adjacent to the routes, both through communities and in the countryside. Hydro officials are quick to point out their agreement with this viewpoint, but say the factors to be considered in building a new line and the weight to be given each are not easy to establish. Many are subjective in nature and cannot be readily evaluated or proven conclusively.

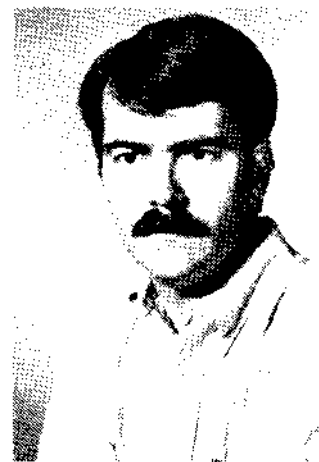
"We hope to establish guidelines which will help Hydro officials to relate their current processes to the land," says Professor Wester. "If we can do this it will provide guidance for both policies of land acquisition and route planning.

"Where and how do you place a line of towers in the landscape so that it is the least offensive visually? The man whose land is crossed by the line gets some compensation, but there are other people to consider. His neighbors and the travelling public who may use a nearby highway have a right to enjoy the countryside in as unspoiled a state as possible."

The Guelph team will include members with experience in environmental ecology, soil science, rural sociology and economics as well as landscape architecture. The study team will include research associates, graduate students, undergraduate students, technical assistants and faculty members.

The project will attempt to define basic problem areas, and establish criteria for tackling them. The Guelph team acknowledges that it is facing a difficult task. Since little work has been done in the past in this area, they will have little previous research to use as landmarks. The tendency has been to solve problems such as those associated with location of power lines on a short term basis, and the work to be conducted by the Guelph team over the next two years will represent a step toward long range planning.

The basic approach will be to draw information and data both from Hydro operational and planning staff, and from concerned conservation groups and interested individuals. The team members are anxious to hear from groups and individuals who have something to contribute to the resolution of the problem.



Professor L. M. Wester

REPORT FROM SENATE

October 17, 1972

Whole-hearted support for the adoption of post graduate diploma programs on a University-wide basis was given by the Senate at its October meeting. In introducing the report on post graduate diploma programs, Dean Armstrong stated that they would be in line with the recently adopted report on Aims and Objectives of the University. The program should be completed within 12 months of full time study.

The object, Dean Armstrong said, is to provide a new type of post graduate diploma program that would meet the needs of today's society. Specifically the new programs would be meant for graduates with several years experience who wish to update themselves in their original fields or gain familiarity in a related field. The inclusion of practical experience could be a valuable component of the program. An objective would be the development of specialized skills and knowledge of a "professional" or practical nature and for advance study programs. It may well be said Dean Armstrong, that the program will be of interest to those working in the third world.

Professor Myers pointed out that many agencies would like to send employees back for post graduate training and his sentiments were echoed by several other senators. Dean Howell pointed out that the recently instituted graduate diploma program at OVC was meeting with success.

Admission to such programs will be on both a regular status basis, as for the master's degree, and on a professional status. It is important to recognize, the report stated, that ability may be demonstrated in ways other than those of the usual undergraduate degree program, and that considerable weight should be given to the employer's recommendation and to an interview where practicable.

In discussion of the University brief to be presented to the Committee on University Affairs some senators made reference to our projected growth curves for student enrolment over the next few years and the intention to stop growth abruptly at the 10,000 - 11,000 student level.

Professor Egelstaff, noted difficulties to be faced with a "kinked" growth curve under which Guelph is planning to have a 10,000 student enrolment within five years followed by a sudden levelling off. He suggested a slower growth in the immediate future might be preferable.

President Winegard explained however that student enrolment must be allowed to increase at present levels for the next five years if the University is to be eligible for enough provincial grants to permit completion of our current building program. To limit enrolment increases too early would undermine capital grant revenue, he warned.

MOTIONS

Board of Undergraduate Studies

. A recommendation that final tests or examinations be given during examination week, and that term tests not be scheduled during the 13th week of the semester was referred back for the inclusion of a special statement about courses.

. The designation of standing on graduation was reported for information.

To qualify for graduation and a degree with Honours, students registered at the University of Guelph prior to the Spring Semester, 1972, shall have obtained an average of 66% on each full-time semester prior to that date, and shall have obtained a cumulative average of 70% on the remaining course attempts for the degree sought.

. Additions and deletions of the following courses in the Colleges of Arts, Physical Science, Biological Science and Family and Consumer Studies were approved by Senate.

Aspects of Contemporary History; Black History and History of Africa, will be added for the 1972-73 academic year. Constitutional History of England to 1603; Canadian-American Relations to 1867; and Twentieth Century America will be deleted for the 1973 Winter Semester; Biological Chemistry will be offered in the Winter Semester, 1973, instead of the Spring and Winter. Texts in British Empiricism; Texts in continental Rationalism; Texts in German Idealism; and three Philosophy Text courses, will be added 1973-74; while Modern Philosophy Texts and Philosophical Texts will be deleted; Introductory Circuits and Electronics will be added to the Spring Semester, 1973; Polymer Chemistry will be offered for the first time in the Winter Semester, 1975, and in alternate years thereafter, and Textile Science-Polymers and Plastics will be offered in the Fall Semester, 1973, and in alternate years thereafter, in the College of Biological Science and the College of Family and Consumer Studies.

. New courses in all Colleges were listed.

Detailed course outlines are available for perusal in the office of the Secretary of Senate.

. Senate approved a motion transferring authority to make changes in course offerings during the first five days of a semester to the appropriate Dean.

. Senate approved the offering of Senior Seminar in Human Geography for fall, 1972.

Statistical Research Methods, Control Theory and Cheese Manufacture were cancelled in the present semester in OAC; Community Power and Democratic Theory and Child Behavior: Research Methods and Issues were cancelled in the College of Social Science for fall '72.

Board of Graduate Studies

. Senate accepted a report and approved the recommendations for action on the Post Graduate Diploma Programs.

Recommendations for action are That the Senate:

. approve the principle of establishing Post Graduate Diploma programs in the University of Guelph as a new series additional to the existing Graduate Diploma programs offered through OVC departments;

. authorize the submission of detailed proposals by Schools and Departments to the Board of Graduate

Studies, for study and subsequent action by the Senate.

. authorize the appropriate *University* officers to obtain from the Minister of Colleges and Universities such agreements as are necessary to ensure funding and implementation of the program.

. Senate approved a report and recommendation on the circulation and copying of theses.

The Ontario Council on Graduate Studies has produced a report, endorsed by the Ontario Council of University Librarians, on this topic. The intent is to arrive at essentially uniform practice province wide on matters pertaining to the circulation and copying of theses submitted for graduate degrees. Because copyright law is complex and currently under revision, OCGS has obtained legal assistance in drawing up two of the documents involved.

Practice at the University of Guelph conforms to all provisions except two: (1) we have not required quite the form of licence that is now regarded as necessary; and (2) we have not required that master's theses be submitted to National Library of Canada for microfilming. The report included four documents to be approved.

. J. W. Boyle, History; and T. E. Josling, R. G. Mauldon, and N. H. Sturgess, from Agricultural Economics and Extension Education, were appointed to the Graduate Faculty.

. Market Structure Analysis and Agriculture in Economic Development are being temporarily withdrawn from the Graduate course programs because of inavailability of instructor. Canadian Public Administration is being offered in the Winter Semester instead of the Spring Semester.

Library Committee

. An Archives Advisory Committee for the University was approved by Senate. Members will consist of A. M. Ross, Chairman; and W. W. Bean, J. B. Black, A. M. Evans, B. M. McCraw and N. R. Richards.

. The Archives of the University will be a collection of manuscript and printed material produced by the operations of this University. Within a period of five years arrangements should be completed for setting up the complete Archives preferably in the McLaughlin Library under the control of a University Archivist. Senate adopted the policy statement for its University Archives and will forward the policy statement to the Board of Governors for approval.

Archives should contain:

. Selected administrative records, especially those from the Board of Governors, Senate, the Offices of the President, the Vice-Presidents (Academic and Administration), the Registrar, the Comptroller, the Director of Personnel, the Director of Physical Resources, and other similar divisions within the University.

. Selected routine records relating to minutes and correspondence of University committees, colleges, schools and departments.

. Relevant papers of faculty members.

. Publications, not in the University Library, including those of student organizations, alumni groups, and societies.

. Publications relating to the University of Guelph.

. Photographs and photographic reproductions of paintings.

(g) Correspondence and programs concerning special events, such as openings of buildings, celebrations, convocations, and outstanding guest lectures.

(h) Microfilms, tape recordings, films, etc. relating to the University.

Committee on Student Petitions

Senate approved a report that two petitions has been granted; six had been denied and one had been deferred.

Audio Visual Committee

Senate approved the recommendations contained in the report for the remainder of 1973-74 and to be forwarded to the President for advice

- The \$39,960 in the supply budget of Audio-Visual services be considered as a credit of Colleges and Departments and be known as the Media fund.
- The \$39,960 be distributed as follows

Administration	\$3,883
College of Arts	4,515
College of Biological Science	5,351
College of Family and Consumer Studies	2,962
Ontario Agricultural College	9,634
Ontario Veterinary College	7,165
College of Physical Science	2,565
College of Social Science	<u>3,885</u>
	\$39,960

- All materials and services requisitioned from Audio Visual Services and authorized by the client department for teaching and research activities be charged in total against the requisitioning department's Media Fund credit.
- The Audio Visual Services Department issues monthly statements to each client department stating a) the total charges to date, b) the credit balance remaining in the Media Fund.
- When a department's Media Fund credit has been exhausted all further requisitions will carry departmental responsibility to provide funds to cover from its own resources.

Brief to Committee on University Affairs — December, 1972

Senate approved the presentation containing (a) Brief on Aims and Objectives of the University with (b) supplementary comments (3 semester system entry to spring semester, capital and operating support and continuing education) and (c) statistical data on enrolment and cash flow.

Supplementary recommendations are:

- that funds be made available to assist the University in undertaking a thorough appraisal of its three-semester system and request that the C.U.A. use its influence in this matter.
- that the committee on University Affairs draw the attention of the Minister of Colleges and Universities to the problem here described and seek his assistance in enabling a qualified grade XIII student to enter the University in May without loss of his entitlement to his Secondary School Honor Graduation Diploma.
- that the Committee on University Affairs seek early approval by the Minister of Colleges and Universities of an interim capital formula for the Ontario Veterinary College.
- that the Committee on University Affairs urge the Minister of Colleges and Universities to give early consideration to replacing the space allowances of the present interim capital formula with the

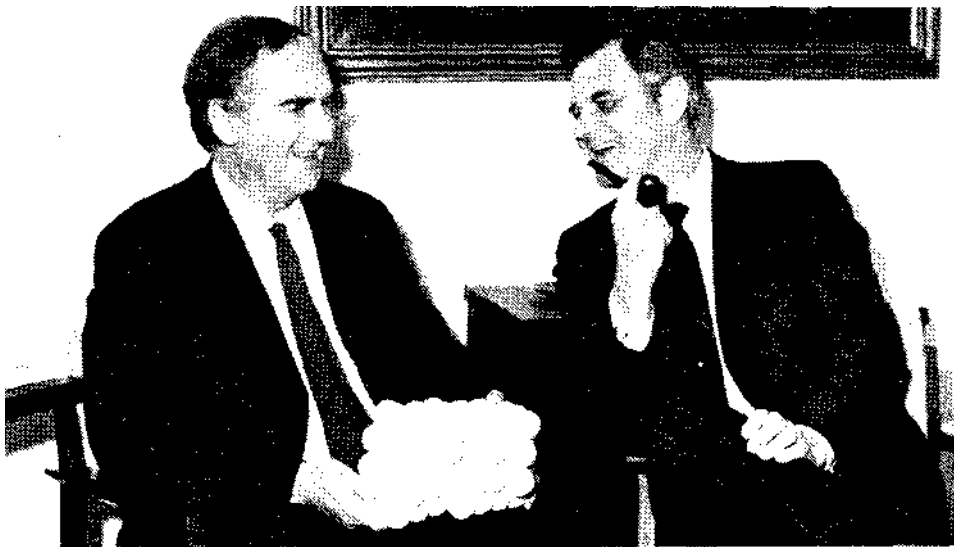
Members of College Women's Club renewed their memberships while new members signed up at the club's annual membership tea and coffee party at the home of President and Mrs. W. C. Winegard. The picture shows Mrs. E. I. McLaughry seated at the tea table with Mrs. H. D. Branion, Mrs. W. C. Winegard, and club president, Mrs. W. N. Stammers, standing. Mrs. H. D. Ayres and Miss Edythe Bray convened the event.



Dr. Henry Meldrum Legard, right, a veterinarian for 50 years, receives the Alumnus of Honor award from Rowan Walker, Toronto, president of the University of Guelph Alumni Association.

A veterinarian who has been active in his community, in alumni affairs and carried on a large and later a small animal practice for 50 years was made Alumnus of Honor by the University of Guelph Alumni Association. Dr. Henry Meldrum Legard was one of the first people to recognize the increasing pressure of students that would be put on the universities in the sixties, and spoke out before then for a University made up of all Guelph's colleges. He won the Canada Centennial Medal 1967, and has been active in professional, Weston, and University affairs since his graduation from OVC in 1923.

The Alumni Medal of Achievement was awarded Carol Watson McArthur (Mac '66) for her organizational work for the Dial-a-dietician program.



Sir Alan Cottrell chats with President W. C. Winegard at the end of his visit to the campus. He spoke on the subjects of Science and Society and Technology and Society. Sir Alan is examining an atomic model used for lecturing in physics and metallurgy. The next speaker in the University of Guelph Lecture Series will be Professor Asa Briggs, vice chancellor of the University of Sussex, on November 13.

recommendations of the C.O.U. task force. That the cost allowance of \$55 per net assignable square foot (which was based on 1968 costs) be revised upwards. that the Committee on University Affairs consider the desirability of greatly increasing the scope of Continuing Education Programs throughout Ontario, and of requesting that funds be made available to Universities for support of such programs.

Workshop will emphasize preventive programs

Dr. Denis H. Stott's remedial and preventive programs for children with learning disabilities will be discussed at the Learning Disability Workshop being held here from October 31 until November 3. The workshop, the eleventh to be held, is arranged through the Centre for Educational Disabilities of which Dr. Stott is director, and the Office of Continuing Education at the University.

The Workshop will deal with the remedial and preventive programs developed by Dr. Stott and will attempt to communicate to those attending the results of the research and the program development carried out at the Centre.

During the five years that the Centre has been in operation, efforts have been made to develop teaching programs based on a philosophy and psychological theory of Dr. Stott's. He refuses to believe that learning disabilities arise from low intelligence or perceptual handicaps, but attributes them, instead, to behavioral or temperamental handicaps which impede the child's ability to cope with the learning process itself.

At the forthcoming Workshop, demonstrations will be given of teaching methods designed to replace a child's faulty learning style by one which is effective. The teaching materials demonstrated will be *The Flying Start Learning to Learn* and *Learning About Numbers* Early Education Programs, and the Programmed Reading Kit. Documentary films of the program, produced by the Audio-Visual Department of the University of Guelph will also be shown.

Confidence and Control, a program offered by the Centre in conjunction with the Physical Education Department at the University will also be demonstrated. This program aims at developing the motor coordination of the child.

Other features of the Workshop will include lectures and discussion groups on the assessment of behavior disturbance, types of faulty learning behavior, the planning of special education services, and activity methods in education.

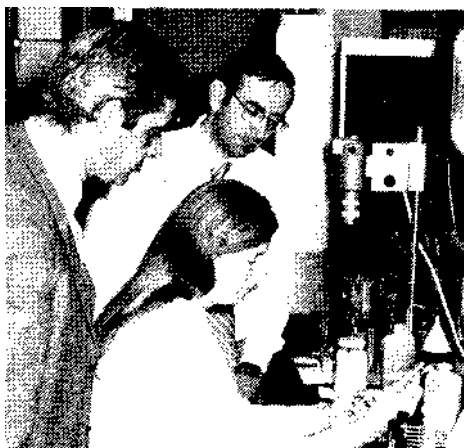
A highlight of the Workshop will be a special evening lecture by Dr. M. B. Epstein, professor and chairman, Department of Psychiatry, McMaster University. Dr. Epstein will speak on the subject of the family and behaviour problems. The lecture is open to the public and will be presented in War Memorial Hall on Wednesday, November 1 at 7:30 p.m.

Other guest lecturers include Dr. Gilbert Gredler, chairman, Department of Psychology, Temple University, Philadelphia, Pennsylvania; Mrs. Sylvia Santin, Ontario Institute for

Town and gown meeting arranged by Psychology



A Psychology Community get-together arranged by the Psychology Department, brought representatives of the University, the community and the province together on campus. In the picture from left, W. Norton, Ministry of Correctional Services; R. J. Berry, Ministry of Health; Psychology Professor Norma Bowen; President W. C. Winegard, who welcomed the guests; and Professor H. M. B. Hurwitz, chairman of the Psychology Department.



Monsieur Delort Laval (left), with Professor H. S. Bayley, Nutrition, is watching Mrs. Leadbeater prepare digesta samples for analysis in the Department of Nutrition. Monsieur Delort Laval presented a special University lecture describing the results of processing technology on the nutritional value of animal feeds.

Studies in Education; Mrs. Catharine Michalski, Program Consultant for the Ontario Ministry of Education; and Miss Marie O'Neil, Research Officer at Memorial University, St. John's, Newfoundland.

Participants at the workshop include teachers and administrators from the Ontario and Newfoundland Public and Separate School Boards and the Ontario Institute for Studies in Education. The Ontario Ministry of Education and the Government of Newfoundland and Labrador will also be sending representatives.

Dr. Stott has recently published a book, *The Parent as Teacher*, which is designed as a guide for parents of children with learning difficulties. The book is a New Press publication and is selling very well at the University of Guelph book store.

A Psychology-Community meeting was held on campus attended by representatives of the community and members of the University.

Speakers from the Ministries of Health, Education and Correction and from the Drug Addiction Research Foundation in Toronto outlined the community needs, and from the Department of Psychology at the University outlined the community related research at Guelph.

Through discussion and dialogue the group explored the role of the psychologist in the community and the contribution he can make to the solution of current social problems.

Dr. H. M. B. Hurwitz, Chairman of the Department of Psychology, was a keynote speaker for the meeting arranged by the Department.

Publishes book of poems

Brian Thackray, a teaching assistant with the Drama Division, has recently had his book, *The Bent Wire and Other Poems*, published by Alive Books of Guelph. A group of poems from his manuscript won the College of Arts Literary Award earlier this year. In August Mr. Thackray visited Great Britain where he read during the Edinburgh Festival at the Traverse Theatre Club with British poets Pete Brown and Jeff Nuttall. He also recorded a selection from his book for B.B.C. radio. He is currently editing *Dialogue and Dialectic: a Canadian anthology of short plays*, forthcoming from Alive Press before the end of the year. *The Bent Wire and Other Poems* at \$1.95 is available from local bookstores or from Professor G. F. Manning, Arts 431.

Library orientation

for all first semester students
and all others interested

Monday, October 30 — Thursday, November 2
2 - 3 p.m., Music Room (107) Arts

PUBLICATIONS

- Stanley, D. W., D. B. Cumming and J. M. de Man, 1972. Texture-structure relationships in texturized soy protein. I. Textural properties and ultrastructure of rehydrated spun soy fibers. *Can. Inst. Food Sci. Technol. J.* 5: 118-123. (Food Science)
- Cumming, D. B., D. W. Stanley and J. M. de Man, 1972. Texture-structure relationships in texturized soy protein. II. Textural properties and ultrastructure of an extruded soybean product. *Can. Inst. Food Sci. Technol. J.* 5: 124-128. (Food Science)
- Coltheart, M., and V. Coltheart, 1972. On Rumelhart's model of visual information-processing. *Can. J. Psychol./Rev. Canad. Psychol.*, 26 (3). (Psychology)
- Hogan, H., 1972. Structures of wonder in aesthetic experience. *Dialogue* XI: 2, pp. 224-240. (English)
- Yarmey, A. D. and L. A. Sayer, 1972. Associative learning of abstract and concrete nouns and their subject-drawn pictorial representations. *Can. J. Psychol.*, 1972, 3, 240-251. (Psychology)
- Bali, A. S., and A. Zitnak, 1972. Blossom color and carotenoid content of crimson tomatoes. *Can. Instit. of Food Science and Tech. Jour.* 5: 170-172. (Horticultural Science)
- Lu, B.C., 1972. Dark dependence of meiosis at elevated temperatures in the Basidiomycete *Coprinus lagopus*. *J. Bacteriol.* III, 833-834. (Botany and Genetics)
- Kasha, K. J. and E. Reinbergs, 1972. The haploid technique in barley breeding. *Tech. Quarterly* 9 (3): 128-130. (Crop Science)
- Teskey, B. J. E., K. L. Priest, and E. C. Loughheed. Effects of succinic acid 2, 2-dimethyl hydrazide (Alar) and 2-chloroethyl-phosphonic acid (Ethephon) on abscission and storage quality of McIntosh apples. *Can. J. of Plant Sci.* 52(4): 483-491. (Horticultural Science)
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- Harrison, J., 1972. Tennyson and Embryology. *The Humanities Association Bulletin* 23: 28-32. (English)
- Samagh, B. S. and K. F. Gregory, 1972. Antibody to lactate dehydrogenase. V. Use as a carrier for introducing diphtheria toxin into mouse tumor cells. *Biochimica Biophysica Acta.* 273: 188-198. (Microbiology, and College of Biological Sciences)
- Gibbins, A. M., and K. F. Gregory. Relatedness among *Rhizobium* and *Agrobacterium* species determined by three methods of nucleic acid hybridization. *J. Bacteriol.* III: 129-141. (Microbiology)
- Lewis, A. J. and P. Eyre, 1972. The effect of *Bordetella pertussis* in the bovine. *Pharmacological Research Communications* 4(1): 1-3. (Biomedical Sciences)
- Sykes, J. T., 1972. Some promising winter-hardy perennials for Southern Ontario. *Canadian Nurseryman.* 9 (9): 14-15. (Horticultural Science)
- Adedipe, N. O., G. Hofstra, and D. P. Ormrod, 1972. Effects of sulfur nutrition on phytotoxicity and growth responses of bean plants to ozone. *Can. J. of Bot.* 50: 1789-1794. (Horticultural Science)
- Arthur, D., 1972. Selenium content of Canadian Foods. *Can. Inst. Food Sci. and Tech.* 5: 165-169. (Nutrition)
- Sutton, J. C., and G. L. Brown, 1972. Population dynamics of *Endogone* spores in soil. *Can. J. Botany* 50: 1909-1914. (Environmental Biology and Botany and Genetics)
- Hofstra, G., 1972. Response of soybeans to temperature under high light intensities. *Can. J. Plant Science* 52: 535-543. (Environmental Biology)
- Lehman, H., 1972. Approaches to the explanation of behavior. *The Philosophical Forum*, 3: 2: 168-187. (Philosophy)
- Robinson, H. J., 1972. The two head hypothesis and the paradoxes of perception. *International Logic Review*, June: 99-123. (Philosophy)
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- Henry, P. M., and G. A. Ward, 1972. Stereochemistry of phenylpalladation of cyclohexene. *J. Am. Chem. Soc.* 94, 673-674. (Chemistry)
- Boyle, J. W., 1972. Review of Robert O'Driscoll (ed.). *Theatre and Nationalism in Twentieth-Century Ireland.* *Journal of Modern History* 44 (2): 292-293. (History)
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- McBride-Warren, P. A., and R. M. Epand, 1972. Evidence for the compact conformation of monomeric glucagon. *Hydrogen-Tritium Exchange Studies. Biochemistry* 11, 3571. (Chemistry)
- Bunce, N. J., 1972. A mercury salt pathway for the degradation of carboxylic acids to alkyl halides using halogen and mercuric oxide. *J. Org. Chem.*, 37, 664-669. (Chemistry)
- Bunce, N. J., 1972. (With D. D. Tanner, University of Alberta). *The Acyl hypohalites, The Chemistry of Acyl Halides*, Editor S. Patai, Wiley-Interscience, 455-500. (Chemistry)
- Cocivera, M., M. Tomkiewicz and A. Groen, 1972. Electron paramagnetic resonance and nuclear spin polarization study of the photo-oxidation of phenol in water. *J. Am. Chem. Soc.*, 94, 6598-6604. (Chemistry)
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- Dwivedi, O. P., 1972. Review of R. N. Thakur, *The All India Services. Canadian Public Administration.* XV (3): Fall 304-305. (Political Studies)
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- Henry, P. M., 1972. Palladium(II)-catalyzed exchange and isomerization reactions. V. The exchange of allylic trifluoroacetates with lithium chloride catalyzed by palladium (II) chloride in acetic acid. *Inorg. Chem.* 11, 1876-1879. (Chemistry)
- Alyea, E. C., Bradley, D. C., and R. G. Copperthwaite, 1972. Three-coordinated transition metal compounds. Part I. The preparation and characterization of tris(bis(trimethylsilylamido)-derivatives of scandium, titanium, vanadium, chromium, and iron. *J. Chem. Soc. Dalton*, 1580-84. (Chemistry)
- Henry, P. M., 1972. Palladium(II)-catalyzed exchange and isomerization reactions. IV. The exchange of vinylic chloride with radioactive lithium chloride catalyzed by palladium (II) chloride in acetic acid. *J. Org. Chem.* 37, 2443-2447. (Chemistry)
- Eyre, P., 1972. The biochemical pharmacology of allergic reactions in domestic animals. *The Veterinary Review* 23(1): 3-16. (Biomedical Sciences)
- Wright, J. N., 1972. *The Hypocrite in Aretino and in Molière.* *Forum Italicum.* Vol. VI, No. 3. pp. 393-397. (Languages)

Tong, J. E., and V. Lediate, 1972. Effects of heart-rate increase on temporal discrimination and time judgment by two delinquent groups. *Perceptual and Motor Skills*: 34, 759-764. (Psychology)

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Raktoe, B. L. and W. T. Federer (Cornell University), 1972. Construction of confounded mixed factorial and mixed lattice designs. *Australian Journal of Statistics*, 14: 25-36. (Mathematics and Statistics)

Tong, J. E., and G. DeMarchi, 1972. Menstrual diurnal and activation effects on the resolution of paired flashes. *Psychophysiology*: 9, 3, 362-367. (Psychology)

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Sweeny, P. R. and R. G. Brown, 1972. Ultrastructural changes in muscular dystrophy. I. Cardiac tissue of piglets deprived of Vitamin E and selenium. *Amer. J. Path.* 68: 479-92. (Microbiology & Animal and Poultry Science)

Bailey, N. I., 1972. The Corriveau Wake: Carrier's Celebration of Life. *Jour. of Can. Fiction*. 1: 43-47. (English)

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Adedipe, N. O., and D. P. Ormrod, 1972. Vegetative growth responses of pea plants to CCC and phosfon in relation to phosphorus nutrition. *J. Experiment Bot.* 23(76): 842-848. (Horticultural Science)

APPOINTMENTS

Allan Blanthorn has been appointed Project Coordinator in the Planning department of Physical Resources. Mr. Blanthorn's main responsibility is the coordinating of building committee activities.

RESEARCH GRANT CALL

(For further information see *Department Chairman*)

1. Nominations of young scientists as candidates for a Miller Research Fellowship should be received in the Office of Research no later than November 3.
2. The Canada Department of Energy, Mines & Resources provides funds in 'Research Agreements' to assist mission-oriented research. The deadline for applications is December 15.

FACULTY ACTIVITIES

Mrs. Margaret Beckman, Chief Librarian, has been appointed as a member of the task group on the Canadian Union Catalogue by Dr. Guy Sylvestre, National Librarian. The 19 member task group will study the scope, composition and services of the Canadian Union Catalogue and will investigate the place of the Canadian Union Catalogue in cooperative library development. In addition, the task group will examine methods for achieving a Canadian Union Catalogue in machine readable form and establish priorities in the implementation of a Canadian bibliographic data bank. The first meeting was held at the National Library in Ottawa in mid-October.

Professor Blair MacNeill, Environmental Biology, has just returned from Wageningen, The Netherlands, where he attended the international conference on vegetable virus problems. This conference was to promote the exchange of information at the progress-report stage of research for workers to keep abreast of events in plant virus research. Professor MacNeill discussed his research on the host-passage phenomenon in which he has attempted to assess the role of the infected plant in the development of new and more virulent strains of virus pathogens.

Professor **H. M. B. Hurwitz**, and Professor **P. D. Duda**, Psychology, attended the meeting of the Ontario Council of Academic Psychologists in Kitchener. Dr. Hurwitz was elected to the Executive Council of this organization and Chairman of its Inter-University Information Service.

Professor T. K. Warley, Agricultural Economics and Extension Education, addressed the annual convention of Canadian Hatchery Federation on Living with supply management, held in Ottawa.

Professor **C. M. Switzer**, Environmental Biology, spoke to the West Toronto Kiwanis Club on Agriculture and the environment.

Professor R. A. Fletcher, Environmental Biology, was invited by Cornell University to give a seminar on his research entitled, Role of cytokinins in regulation of chlorophyll synthesis and degradation.

Professor Jerry Willis, Psychology, attended the Second Annual International Symposium on Behaviour modification in Minneapolis, Minnesota.

Attending the annual conference of the Canadian Bureau for International Education in Kitchener were: **President W. C. Winegard**, who is also chairman of the Board of Directors of the Bureau, **Professor Allan Alexander**, Veterinary Microbiology and Immunology, **D. H. Amichand**, International Student Advisor, **Professor R. J. Hathorn**, Languages, **Professor J. C. M. Shute**, Extension Education, **Professor J. W. Tanner**, Crop Science, and several students from International House.

Professor **D. G. Grieve**, Animal and Poultry Science, spoke to a group of 48 dairy cattle breeders from West Germany on dairy cattle production systems in Ontario. The group of German cattle breeders are in this country studying our methods of breeding, feeding, and managing high producing dairy cattle.

Professor F. L. McEwen, Environmental Biology, attended the 109th annual meeting of the Entomological Society of Ontario held at Chalk River Nuclear Laboratories. Professor McEwen presented two papers: Side effects of pesticides by F. L. McEwen, and The hairy chinch bug in Ontario and its control, by F. L. McEwen, H. W. Goble and P. Scorrar.

P. Hull, Library, has been named as a member of the Council of the Faculty of Library Science of the University of Toronto. The Council is the decision-making body with respect to the academic program of the Faculty of Library Science, University of Toronto.



Professor Kenneth Mose, Spanish Section of Languages, took his Ph.D. at the University of Toronto. His thesis, a study of one of the leading Uruguayan novelists of this century, was later prepared for publication. Enrique Amorim: the Passion of a Uruguayan, was published this fall and is considered the most important study of Amorim in print. Professor Mose, left, discusses his book with Professor N. R. Johnson, Acting Chairman, Department of Languages.

Erratum

In last week's News Bulletin, we ran a picture of Sir Alan Cottrell examining muscular dystrophy study. We omitted the fact that the study is being carried out by the Physics Department in conjunction with the Department of Microbiology.

CAMPUS BRIEFS

Chest X-ray unit

Location

The chest X-ray unit will be located at the far end of the parking area in front of Johnston Hall.

Date	Clinic Hours
Monday, Oct. 30	1:00 p.m. to 5:00 p.m.
Tuesday, Oct. 31	9:00 a.m. to 5:00 p.m.
Wednesday, Nov. 1	9:00 a.m. to 5:00 p.m.
Thursday, Nov. 2	9:00 a.m. to 5:00 p.m.
Friday, Nov. 3	9:00 a.m. to 12:00 noon

For further information contact Medical Services Extension 2131

Don't forget to complete and bring your X-ray card, which you will receive in the mail.

Music critic to lecture

Andrew Porter, music critic of the Financial Times of London, England, presently guest critic of the New Yorker magazine will lecture on Words for the Gods, November 2. He has just completed a translation of Wagner's

Der Ring des Nibelungen and will demonstrate the problems of translating operas from the original languages. The lecture will be held in the Music Room 107 Arts at 4 p.m. During his visit, Mr. Porter will also address a press conference in Toronto when the Edward Johnson Music Foundation will be announcing the program of the 1973 Spring Festival, and be a guest of the Edward Johnson Music Foundation Guild Thursday evening.

Central reservations

Because of an increased volume of business going through the Central Reservations and Conference Office, members of the University community are asked to make all room bookings with Central Reservations between 8:30 a.m. and 3 p.m. to allow for daily processing of information.

Registered mail collections

The Postmaster, Guelph, has advised that from November 6, 1972, registered mail will be collected from the University sub-post office, Johnston Hall, at 2:00 p.m., daily. It would be appreciated if registered mail could be in before noon in order that it can be processed for the 2:00 p.m. collection. Registered mail of an urgent nature after 2:00 p.m. will be the subject of special arrangements. If it is not indicated that late registered mail is urgent, it will be processed the following day.

Landscape architects win

Winning float in the Homecoming Parade was the Landscape Architecture students' float depicting a corn still surrounded by stands of corn. The theme of Homecoming was Klondyke Kapers.

Choir charter to UK

The University Choir directed by Nicholas Goldschmidt will be on tour in Scotland and England next August. About thirty-five students, ten faculty and alumni members will make the trip, which will include a visit to the Edinburgh Festival. The choir is going on a charter flight which other members of the community can take by joining the Choir Association before February 1. The flight leaves Toronto for Prestwick on Sunday August 5, returning from Gatwick to Toronto August 26. The fee to join the choir is \$5. The cost of the return charter flight will be less than \$200. The flight is being organized by International Travel Service, Guelph, with BOAC or Air Canada as the carrier. Applications from non-choir members should be sent in writing to Nicholas Goldschmidt, Director of Music, University of Guelph (Arts building, Room 053). Members of immediate families of choir members do not have to make special application.

Humor and laughter

A description of the ephemeral qualities of the comedian's world will be discussed at the second seminar on humor and laughter entitled A Sort of Serious Look at Humor and Laughter. Dr. Howard R. Pollio, Psychology, visiting professor from the University of Tennessee, describes an attempt to study the topic of humor through an empirical analysis of situations in which laughter occurs. Dr. Pollio will speak in Room 204, Landscape Architecture at 2 p.m., on Friday, October 27.

Noon hour concert

Professor Franzpeter Goebels, pianist, will present the Thursday, November 2 noon hour concerts.

Professor Goebels, the son of an organist, studied cembalo and piano at the Music Academy of Cologne, and successfully completed the State examination. He was solo pianist with the radio station Deutschland-Sender at the age of 20, and continued his studies under the famous pianist Raoul von Koczalski. He has given many successful concerts in Germany, France, Spain, Portugal, Italy and India. He is the author of important publications on modern music.

Since 1947 Professor Goebels has been head of the master-form for piano at the Robert Schumann Conservatory and head of the Studio for Modern Music. In 1958 he assumed a professorship at the Music Academy Detmold (State Academy for Music), West Germany. In 1964 Professor Goebels was awarded the Ruhr Prize for Fine Arts and Sciences.

Although specially attuned to contemporary music, Franzpeter Goebels consciously tries to interpret old music in its original form.

Professor Goebels is on a North American concert tour sponsored by the Goethe Institute of Munich, Germany. He records for Teldec, Grammophon, Musicaphon, Cantate and Folkways.

Christmas cards

The International Darjeeling Education Association is selling Christmas Cards again this year designed by Nancy Lou Patterson of Waterloo. The Association supports a school founded by a Canadian Jesuit, Father J. M. Abraham, in Darjeeling, India, for children who cannot afford schooling.

The cards are available on campus from Association member, Dr. J. L. Girt, Department of Geography, Ext. 3449.

Guelph Film Society

Jean-Luc Godard's *Une Femme Mariee* (A Married Woman) is ostensibly the story of a model's affairs with her family and lover. However, it offers a disturbing comment on the state of society in today's chaotic world, when fantasy is rapidly becoming the only escape from the tenors of reality. A short subject, *Gavotte* by Valerian Borowczyk, will also be shown. It begins at 8 p.m., tomorrow, October 27, in Room 105, Physical Sciences. Admission is \$1 for a membership card and 50¢ per film.

Matinee for Le Barbier

Because of overwhelming demand for tickets, Le Treteau de Paris Theatre Company has agreed to give an extra performance at 2:30 p.m. on November 22, of Le Barbier de Seville.

Patrons of the 8:00 p.m. performance may exchange their tickets for the 2:30 p.m. performance, if they wish, at Central Box Office, University of Guelph.

Le Barbier de Seville, Beaumarchais' famous comedy, will be presented here on Wednesday, November 22, 1972 at 2:30 p.m. and at 8:00 p.m. in War Memorial Hall. Sponsored by the French section of the Department of Languages, it has been arranged by Concert Management of Cultural Affairs.

The comedy will be performed by Le Treteau de Paris, directed by Rene Clermont, under the auspices of L'Association Francaise d'Action Artistique of the Government of the French Republic with the patronage of the Cultural Counselor to the French Embassy in the United States. Scenery and Costumes are by Jean-Denis Vivien. The performance is made possible through a grant by the Ontario government.

Tickets are available at the Central Box Office, Room 111 Arts building. All seats are unreserved and general admission is \$3.00 with student tickets at \$2.00.

NEXT WEEK AT GUELPH

THURSDAY, OCTOBER 26

Lecture— THE MEDIA. Arts Festival Week program. The Bullring, 2 p.m.
Lecture — THE TURNING POINT: THE SECOND WORD WAR AND CANADIAN-AMERICAN RELATIONS, by Col. C. P. Stacey, formerly Director of the Armed Forces Historical Directorate and Professor at the University of Toronto. 2 p.m., Music Room 107, Arts. Public invited to attend.
Seminar — SIMULATION LANGUAGES, Mrs. Lib Gibson, 3 - 5 p.m., Room 212, ICS building.
Concert — ANTON KUERTI CONCERT, on new grand piano donated by the Alma Mater Fund, 8 p.m. War Memorial Hall. Tickets from Central Box Office, Arts building.
Music — DONALD THOMPSON, HARPSICHORDIST, Music Room 107, Arts. 12:10 to 12:45 and 1:10 to 1:45. Admission free.
Lecture — THOMAS MORE, Professor John Bligh, Six Renaissance Portraits Series, 8 p.m., Music Room 107, Arts.

FRIDAY, OCTOBER 27

T.V. — SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 7 p.m.
Worship — MUSLIM JUMA PRAYER. 1 p.m., Room 315, Arts.
Films — THE MARRIED WOMAN (1965), sponsored by the Guelph Film Society. Admission 50¢ with membership card. 8 p.m., Room 105, Physical Sciences.
Films — CANADIAN FILMMAKERS. 7:30 p.m. War Memorial Hall. Arts Festival Week program.
Public lectures — THE CITY OF DEATH, NEED AND SUPERFLUITY, 11 a.m. Room 029, Arts; THE GEOGRAPHY OF HUMAN SURVIVAL, 3 p.m., Room 029 Arts, by Dr. W. W. Bunge, visiting geography professor, York University, an authority on the problems of people in cities.
Seminar — A SORT OF SERIOUS LOOK AT HUMOR AND LAUGHTER, part II — Son of Humor, Dr. Howard R. Pollio, University of Tennessee, visiting professor in the Department of Psychology, 2 p.m., Room 204, Landscape Architecture.
Seminar — POSITRONS IN LARGE CAVITIES: THE VOID LATTICE IN MOLYBDENUM, by Dr. I. K. MacKenzie, Physics, 7 p.m., Room 113, Physical Science.

SUNDAY, OCTOBER 29

Worship — ANGLICAN EUCHARIST. 9:30 a.m. 9th floor lounge, Arts.
Worship — R.C. MASS. 11 a.m. War Memorial Lounge.
Worship — MUSLIM ZUHR PRAYER. 1 p.m. 9th floor lounge, Arts.

MONDAY, OCTOBER 30

Course — APL PROGRAMMING, Instructor: Dave Oldacre. 1 to 5 p.m., Room 212, ICS building. Continues Wednesday, November 1 and Friday, November 3. For registration, call Ext. 3046.
Health — CHEST X-RAY UNIT ON CAMPUS. (Dates and times listed in this issue of News Bulletin).
Lecture — CAN ETHICS BE OBJECTIVE, by Professor H. Lehman, 8 p.m., 8th floor lounge, Arts. Students 50¢, others 75¢.
Students — LIBRARY ORIENTATION, for all first semester students, continues to November 2. 2 to 3 p.m. Music Room 107, Arts.
Films — FILM NIGHT ON TEACHING AND LEARNING, arranged by the Senate Committee on Teaching and Learning for faculty, 8 p.m., Room 105, Physical Sciences.

TUESDAY, OCTOBER 31

Seminar — SOCIOLOGICAL CONSIDERATIONS IN RESOURCES DEVELOPMENT, Professor L. A. Colley and Professor E. A. Cebotarev, Anthropology and Sociology.
Worship — R.C. MASS. 12 noon, Newman Centre, 325 Gordon Street.

WEDNESDAY, NOVEMBER 1

Worship — ANGLICAN EUCHARIST. 12 noon, 2nd floor lounge, Macdonald Hall.
Drama— ONE ACT PLAYS, *Shelter* by Alun Owen and *Soft Voices* by contemporary Canadian playwright Aviva Ravell, Drama Workshop, 8 p.m., Admission 50¢.
Seminar — HOW STUDENTS COPE WITH PROFESSORS. Presented by Department of Psychological Services. 11 a.m. to 12 noon. Music Room 107, Arts. Interested faculty and staff invited.
Lecture — THE FAMILY AND BEHAVIOUR PROBLEMS, by Dr. M. B. Epstein, Department of Psychiatry, McMaster University. 7:30 p.m. War Memorial Hall.
Seminar — FINE CONTROL OF BRANCHED BIOCHEMICAL PATHWAYS, by Professor B. D. Sanwal, University of Toronto, 4 p.m., Room 121, Physical Sciences.

THURSDAY, NOVEMBER 2

Worship — R.C. MASS. 12 noon, Newman Centre, 325 Gordon Street.
T.V. — SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 2 and 6:00 p.m.
Lecture — FRANCOIS RABELAIS, by Prof. Neal R. Johnson, Languages. 5th lecture in the Six Renaissance Portraits. 8 p.m., Music Room 107, Arts. Admission free.
Drama — ONE ACT PLAYS, *Shelter* by Alun Owen and *Soft Voices es-* by contemporary Canadian playwright Aviva Ravell, Drama Workshop, 8 p.m., Admission 50¢.
Noon hour concert — PIANIST PROFESSOR FRANZPETER GOEBELS, 12:10 — 12:45 and 1:10 — 1:45, Music Room 107, Arts.
Lecture — WORDS FOR THE GODS, by Andrew Porter, music critic of the Financial Times of London, and presently guest critic of the New Yorker magazine, 4 p.m., Music Room 107, Arts.
Lecture — PRINCIPLES AND APPLICATIONS OF HYPOBARIC STORAGE, by Stanley P. Burg, Dormavac Co. & Fairchild Garden. 4 p.m., Room 101, Physical Sciences.

KEEP THESE DATES

November 8 — GRADUATE STUDENTS' FORUM
November 13 — PROFESSOR ASA BRIGGS, second speaker in the University of Guelph Lecture Series.
November 14 — FIRST RONALD S. RITCHIE LECTURE, by Maurice Strong.
November 22 — LE BAR BI ER DE SEVILLE. Matinee at 2:30 p.m.
November 25 — FACULTY CLUB CHILDREN'S CHRISTMAS PARTY.
December 8 — OVC's 50th ANNIVERSARY. On-campus celebration ceremony.

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The News Bulletin is published every Thursday by the University of Guelph's Department of Information. News items must reach the Information Office, Room 361, McLaughlin Library (Ext. 3863) by noon Friday. Articles and news items may be quoted or reproduced in full.



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