

NEWS BULLETIN



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UNIVERSITY OF GUELPH

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April 1, 1971

Lennox-Addington is newest

Residence accommodation for 3300 students

One semester's occupancy has transformed Lennox-Addington from impersonal brickwork to a comfortably-cluttered, poster bedecked, unmistakably lived-in student abode.

The living areas are arranged so that ten rooms, a washroom and a lounge with kitchenette form a living group. In close proximity to each such group lives a House Advisor. Currently, 11 Women's House Advisors and eight men's House Advisors live in the residence. Two Hall Advisors coordinate this residence staff.

The French House, formerly in Watson Hall, has relocated in a wing of Lennox-Addington. Professor Alan Martin, Languages, who acts as Hall Advisor for these fifty Francophones, has an apartment in this wing. Renovations to Watson and Maids' Halls, which have already begun, necessitated relocating their residents in Lennox-Addington.

Students are living in two wings of the residence: a ten-storey tower and a four-storey section. Original plans called for 300 men to live in the low-rise section and 250 women to live in the tower. In a survey, prospective residents showed a preference for floor-by-floor segregation of the sexes. Women now occupy the top two floors of the low-rise and seven floors of the high-rise.

Joining the two residence sections, a two-storey common area contains two lounges with fireplaces, two recreation rooms and rooms intended for typing, T.V., reading, studying, music listening and laundry. Mrs. I. Rohrich, Area Advisor for the North Residences, has an office here. The Psycho-Del snack bar occupies a portion of the Lennox-Addington common area.

The addition of Lennox-Addington brings the University's residence capacity to approximately 3300 beds, compared to 700 beds in 1964 when University of Guelph was established.

The 2600 beds added since 1964 and renovations to older residences are financed with long term loans from the Central Mortgage and Housing Corporation. These loans, amortized over many years, are completely repaid from students' residence fees, as required by government regulations.

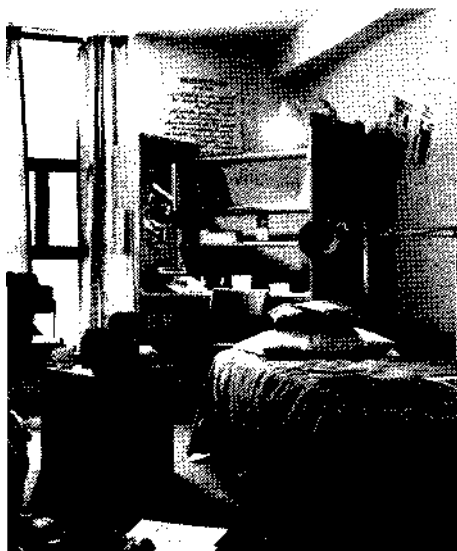
Because the 700 beds existing in 1964 had been financed by the Ontario Department of Agriculture and Food, the University did not incur any capital debt for their construction and thus, paid no financing costs at that time. Financing costs have become the largest item in the University's residence budget, now that the provincial government no longer subsidizes residence construction.

Renovations and new construction have raised residence fees considerably since 1964. In 1971-72 students will pay \$300 a semester to live in residence, \$20 more than in 1970-71. Approximately 50 per cent of this fee will be used for the retirement of capital debt for renovations and new construction. The remaining 50 per cent will pay for normal operating, service and maintenance expenditures including housekeeping, telephones, heat, light, laundry, replacement of furnishings and equipment and the salaries of residence staff.

The University's accumulation of capital debt and the change in government financing policy accounts for the lion's share of residence fee increases since 1964. Other contributing factors are higher salaries for housekeeping, maintenance and residence staffs, higher costs of maintenance materials and the addition of telephones and other services.

Construction of residences must keep pace with university expansion. This University's location in a small city leads naturally to a large "on campus" residence population; the availability of off-campus apartments simply doesn't fill the housing need.

Lennox-Addington, which offers high-rise living in a wooded, hill-top setting, is a unique addition to the university community.



Students' rooms soon have lived-in look and take the character of the occupant.



University of Guelph's newest residence, Lennox-Addington Hall.

Governors approve new building

The building program and brief to the architect for a new engineering building, to be located between the Soil Science building and Complex B, was approved recently by the Board of Governors.

The gross area of the new building should be about 60,000 square feet, the brief specifies. Of this area there will be (after the exclusion of such spaces as corridors and janitors' closets) 34,696 square feet — approximately the space now used by the School of Engineering — available for classrooms, laboratories, offices and other facilities. The cost is expected to be about \$2,400,000.

The present Engineering building is a three-storey structure built in 1906, with an extension added in the 1940s. Also used for research projects is the Engineering Annex, a former gymnasium that was built in 1891. (The annex contains a former swimming pool which is now used for experiments in fluid mechanics.) Both of these structures are to be demolished when the new building is completed.

The new complex will contain facilities for instruction, and research, as well as offices and space for extension personnel from the Ontario Department of Agriculture and Food. It will also include shops to service laboratory equipment, plus the inevitable storage space.

The School of Engineering now has an enrolment of 125 undergraduates, and expects to have more than 200 by September, 1975. Its program concentrates on factors relating to the production of food, a topic in accord with the University's traditional emphasis on agriculture and the life sciences.

Conditional on approval by the Ontario Department of University Affairs, construction may begin as early as next February, and be

completed by September, 1973. The new building is to harmonize with the McLaughlin Library, the Arts building and Complex B, which are located beside the same walkway that it will border.

The brief was prepared by a committee consisting of W.A. Brown, Director of Physical Resources; H. Graupner and A.M. King of the Planning Department; Professor H.D. Ayers, Director of the School of Engineering; Professors E. Davison and F.H. Theakston also from the Engineering School; students R. Capstick and A.R. Scott; and architects H.R. Agnew and G.H. Cropley of Herbert Agnew Association.

McKeachie says students should learn to learn

Introductory courses are the "ghettos" of our universities, a product of unrestrained growth of student populations. With this disturbing metaphor, Dr. Wilbert McKeachie, Chairman of the Department of Psychology at Michigan State University, described a situation all too familiar on university campuses: "How to teach a heterogeneous class of 50-3,000 students as effectively and economically as possible."

Defining a university as a community of learners, Dr. McKeachie said that introductory courses should induct students into this community. The university education should

equip the student to continue learning through life. Students, in his words, should "learn how to learn." Teachers in this type of idyllic system would not act as transmitters of information, but would be fellow learners who teach students how to go about learning.

Ideally, said Dr. McKeachie, an introductory course would motivate the student to pursue further learning in the subject by providing a structure in which to fit future knowledge; and teaching concepts instead of facts. The ideal introductory course would also stress the basic skills associated with any subject — reading, writing, and evaluation techniques.

Dr. McKeachie then described some ideas now in practice at Michigan State. The department continually tries new ideas, in an attempt to keep the introductory course relevant, interesting and an exciting first step toward the creation of a community of learners.

Seek nominations for honorary degrees

The Committee on Graduation Ceremonials is seeking nominations for Honorary Degrees for Convocations.

As individuals in the areas of the Social Sciences and the Humanities are awarded degrees at the Fall Convocation, the Committee requests nominations in those areas be submitted.

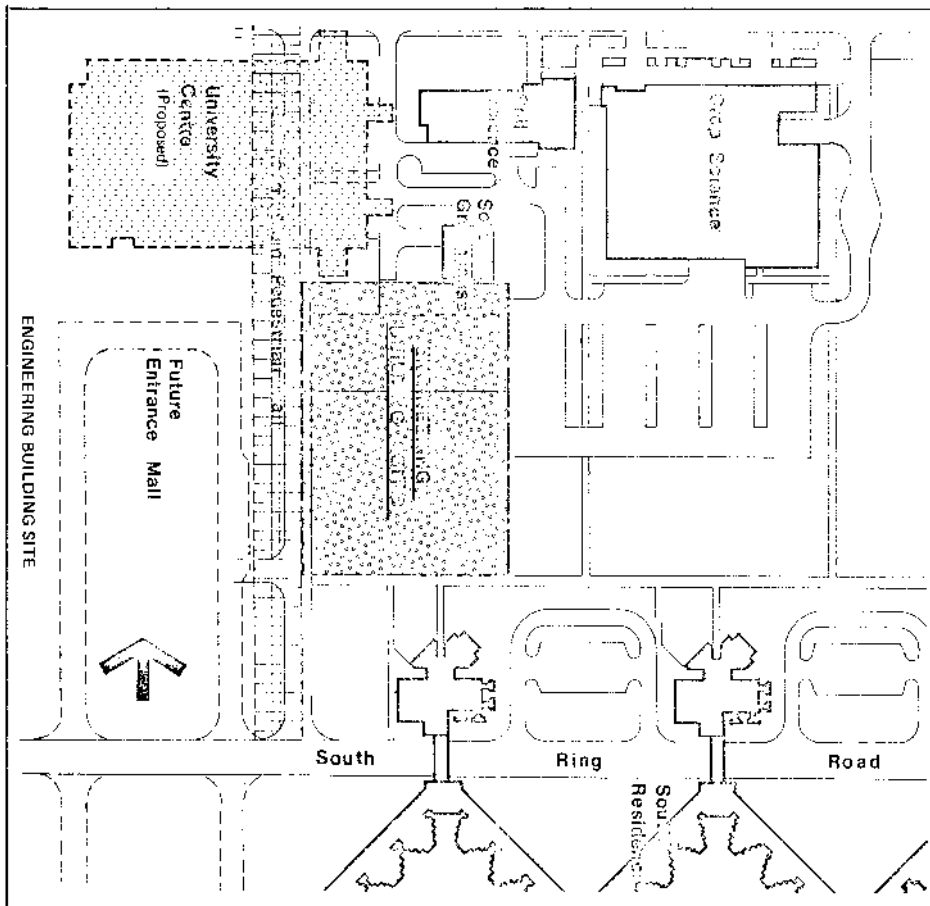
Nomination forms are available from the office of the Secretary of Senate, Room 368, McLaughlin Library, Final date for submitting nominations is April 23.

HOLIDAY

The University of Guelph will observe Good Friday, April 9, 1971, as a statutory holiday.

The University will resume normal operations on Monday, April 12, 1971.

The holiday schedules for members of departments that must carry on a continuous operation will be announced by the supervisors concerned.



Consumer of synthetics should be informed, says U.S. chemist

"The consumer does not have the protection he deserves," said Dr. J. DiPietro, Vice-President for Research and Development of the Michigan Chemical Corporation, in a recent seminar here. He described the increased use of synthetics and the decline of natural products in buildings, toys, electronic components, appliances and transportation.

"The consumer of synthetic materials should be better informed and protected in four main areas: toxicity, durability, safety, and disposability," according to Dr. DiPietro.

Toxicity is a main concern with synthetic packaging materials, which wrap everything from false eyelashes to screwdrivers. These strong materials resist corrosion, but sometimes contain residues of toxic or reactive chemicals used in their processing.

Durability and performance checks of many manufactured goods, now conducted by consumer organizations, indicate the type of protection consumers should have in each of the four areas of concern.

Safety of synthetics relates primarily to their flammability. Dr. DiPietro described recent research into retardation of the flammability of fibres such as polyester. The main problem with their safe utilization is that the manufacturers, retailers and consumers do not know the limitations of particular fibres and plastics.

Synthetics account for only a small fraction of urban refuse, but this will increase as synthetics find wider acceptance. Dr. DiPietro suggested disposal by grinding, compacting, or crushing. Although widely used, incinerating often emits toxic chemicals, which corrode and pollute.

As a means of more effectively informing



Prior to his lecture to students and faculty in the Department of Consumer Studies, Dr. J. DiPietro, centre, chats with, left, Dr. K. MacPhee, Uniroyal, Guelph, and Dr. D.M. Wiles, from the National Research Council in Ottawa.

Two students plan African safari

This summer, Jerome Knap and Peter Moss, both students in the Department of Zoology, will lead fifteen to twenty people on an unusual natural history and photographic safari to the Luangwa Valley, Republic of Zambia, Central Africa.

The Luangwa Valley is considered to be the finest wildlife sanctuary left in Africa, with a great concentration and a wide variety of birds and mammals. Its pristine state and range of habitats makes it an unrivalled area for the photography, viewing and study of African wildlife and flora.

The team of Knap and Moss seem to be well qualified to head such a venture. Peter Moss spent 11 years as a game ranger and admin-

istrative officer with the Zambia Game Department prior to enrolling in the Fisheries and Wildlife program here at Guelph. He knows the country and wildlife well and speaks several of the main native languages.

Jerome Knap was a free-lance writer and photographer specializing in magazine articles on wildlife, conservation and outdoor recreation, and is presently pursuing graduate studies in ornithology under Dr. A. Middleton.

The 22-day, all expenses included, safari is being organized as a non-profit venture and is being limited to 20 persons. Anyone interested in joining this safari, from August 19 to September 8, should contact Jerome Knap, Department of Zoology, Room G13, or phone extension 3814.

consumers, Dr. DiPietro suggested tagging all manufactured goods. This tag would give safety information and instructions for operation, maintenance and disposal.

Creamery operators hold conference

Creamery operators, both owners and employees, from all parts of Ontario were on campus to attend the Creamery operators conference and the annual meeting of the Ontario Creamerymen's Association. Creamery inspectors from ODAF and CDA also attended the conference.

Grading competitions of milk, cream and butter opened the one day meeting coordinated by Dave Dixon, regional supervisor of the Milk Commission.

Dr. John deMan outlined the future prospects for increasing the utilization of butter and Professor A.G. Leggat discussed the physical environment of dairy plants to complete the morning program.

Speakers during the afternoon session, prior to the annual meeting of the Association, were: Professor L.M. McKnight, Professor D.R. Arnott, Professor H.G. Webster and Professor A.N. Myhr.

Awards for the competition were made at the banquet held in the Faculty Club to close the conference.



Dave Dixon, coordinator of the grading competitions, left, watches as Niels Hansen, of Guelph, and Carl Glasser of Tara, test butter. Dr. A. Myhr, rear, was campus coordinator for the one-day Creamery Operators conference.

Guelph students visit Quebec city

Quebec City's stately beauty, Winter Carnival's infectious merry-making, separatist politics, historical relics and French Canadian charm made lasting impressions on 30 University of Guelph students who recently returned from Quebec.

Accompanied by Professor R. Hathorn, Languages, Professor H. Wiseman, Political Studies, and Dean M.H.M. MacKinnon, the students spent four days in Quebec City absorbing the atmosphere and observing the French Canadian culture. Winter Carnival gave the visitors ample excuses to mingle and talk informally with the Quebecers. Guelph students attempted, in most cases successfully, to speak entirely in French — an effort which won praise from at least one Quebec City native.

From a learning standpoint, the trip was outstanding in several regards. The students had lengthy sessions with M. Oswald Parent, Minister of State; Claude Morin, Deputy Minister of Intergovernmental Affairs, and Leon Dion, a professor of politics at Laval University and a foremost authority on French Canada. Their talks provided historical perspective and behind-the-headlines insight into Quebec politics.

This is the second such trip sponsored by the University of Guelph, and financed primarily through a grant from the Department of University Affairs, Office of Cultural and Educational Exchange. That the same government officials were eager to speak to the group for a second year indicates their willingness to establish a meaningful dialogue between English and French speaking Canadians.

Besides these formal sessions with officials, the students took a bus tour through the rural



A meaningful dialogue between French and English speaking Canadians should include a two way exchange of students. Last year, 30 Guelph students visited the University of Montreal, Trois-Rivieres Campus, and would like to return the hospitality by encouraging Quebec students to visit here. On campus recently to discuss this plan were three officials from the Trois Rivieres Campus. President of their student Council (seated) and the Director of Student Affairs (centre) entertain (were entertained by?) Guelph students who have participated in the Sherbrooke exchange program. Vice Rector, A. Brouseau, was also at Guelph.

area east of Quebec City, along the St. Lawrence seaway, where they saw farms and religious buildings dating back to the 17th century. The group visited the Quebec Museum and Ursuline Convent where they saw French documents, furniture, art works and religious artifacts which beautifully illustrate Quebec's long and proud history.

Emotionally and intellectually, this personal contact with Quebec gave the students a depth and understanding of the French Canadian attitudes and the separatist politics, which they could never learn in a classroom. As one student of Political Studies said, "After taking a course in French Canada and visiting Quebec this time, I can understand what was

going on during my previous visits."

Several non-academic episodes provided material for reminiscence. One girl spoke at length to Premier Bourassa's body guards. Her French obviously did the trick — she later met the Premier himself. During a train ride, several of the Guelph fellows met a voluble Parti Quebecois member who took several hours to argue politics from the separatist point of view.

As visitors to a French speaking area, many of the Guelph students became acutely aware of being English speaking outsiders. The four-day trip jolted them out of a complacent, comfortable attitude that the whole world speaks English.

Canadian-Malaysian association formed

Through the efforts and interest of graduates of the University of Guelph, a Canadian - Malaysian Association has been inaugurated in Malaysia.

The Association was formed in Kuala Lumpur by Malaysians who had returned to their homeland after studying in Canada.

The Canadian High Commissioner, Mr. J.G. Hadwen, and Mrs. Hadwen were at the inauguration. The idea of an association was first mooted by some students at the University and had been well received by Mr. Hadwen who was visiting the campus at the time.

The first three officers of the new association are graduates, or married to graduates of Guelph. They are: president, Dr. George Joseph; vice-president, Mr. R. Sivendra, and secretary, Patricia Abdul Rahim.

Hoopsters hold tourney on campus

The Ontario Amateur Basketball Association Intermediate B Championship Tournament will be held on campus Friday, Saturday & Sunday, April 2-4.

Teams from Windsor, London, Sudbury, Sault Ste Marie, Toronto, Welland, Etobicoke and Guelph will be competing.

Plaques will be presented to the winning

team and the Guelph Daily Mercury trophies will be presented to the All Star Team and the Most Valuable Player.

The general public is welcome to attend the games being played in the Physical Education gymnasiums, and a small fee will be charged for admission.



Seated: Dr. D.M. Wiles, Dr. H.R. Richards, M.A. Kasem, Dr. J. DiPietro.
Standing: Dr. K.E. MacPhee, Dr. A.K. Colter, Dean H.S. Armstrong.

First Canadian Ph.D. in textiles

Mr. M.A. (Sam) Kasem recently completed the studies for the Ph.D. in Textile Science in the Department of Consumer Studies. After completing his Bachelor's and Master's degrees and working in a research institute in Pakistan for two years, Mr. Kasem joined Macdonald Institute in 1966 and completed his M.Sc. in Textile Science in 1967.

He then started work towards a Ph.D. at the University of Saskatchewan in Regina

but, after one year, returned to Guelph to work with Dr. H.R. Richards towards a Ph.D. in Textile Science.

The subject of his thesis is "The Use and Function of Boron-Containing Compounds for Flameproofing Cellulose." This has involved a study of a wide range of boron compounds in an effort to understand why some of these substances are the most efficient of the flameproofing agents for cotton and rayon fabrics.

In addition to Dr. Richards, the other members of his committee included Dr. A.K. Colter, Chairman of Chemistry, Dr. K. MacPhee, Head of the Polymer Group at Uniroyal Research in Guelph and Dr. D.M. Wiles, Head of Textile Chemistry at the N.R.C. in Ottawa. His external examiner was Dr. J. DiPietro, Vice-President, Research, for Michigan Chemical Corporation.

Mr. Kasem goes from Guelph to spend a year as Post-Doctoral Fellow with Professor H. Zollinger at the Technological University in Zurich, Switzerland and has been offered a position the following year at the University of Utah in Salt Lake City.

VISITORS

Attending College Royal and visiting the School of Landscape Architecture were twenty-one students and four faculty members from the Department of Landscape Architecture, Cornell University. The students and faculty also attended the Annual Meeting of the Ontario Association of Landscape Architects which was held at the University.

Dr. Ralph Dent and Dr. Ron Campbell, Toronto, held seminars with graduate students and faculty in the Department of Continuing Education.

Mr. P.W. Boyes, Project Officer for West Africa, C.T.D.A., visited the campus in connection with the Ghana Project.

Madrigal Singers in concert

The Madrigal Singers will offer a bouquet of spring flowers to the people of Guelph, promises conductor Dorothy Hogan, when they present their next concert Friday, April 2.

The Renaissance madrigals making up the musical bouquet are favorites of the choir and their audiences and explore such typical Elizabethan themes as the pains and pleasures of love, the delights of music, and the ecstasy of amorous birds singing in the month of May. The program will open with a group of rarely performed Renaissance sacred motets by Tye, Josquin and Lassus and close with Praetorius' setting of the familiar Easter chorale, *Wachet auf*, featuring soprano soloists Mary Power and Gloria Wiebe.

A special highlight of the program will be the appearance of guest artists Paul Grice and John Jull who will play Brahms' *Sonata in F minor for Clarinet and Piano, Op. 120, No. 1* and a short work by the contemporary composer, Alban Berg.

The concert will be held in Music Room 107 of the Arts building at 8:30 p.m.

Tickets for the concert are \$1.00 and are available at the Central Box Office, Ext. 3940. The growing popularity of the concerts has in recent years made it impossible to accommodate all people comfortably. For this concert, those who buy tickets in advance will be guaranteed a seat. However, since seating is limited, concert-goers are strongly advised to buy tickets well in advance.

Zoology student wins \$300 prize

Jerome Knap, who is pursuing graduate studies in ornithology in the Department of Zoology, has won the 1971 Kortright Award for outdoor writers. The announcement was made during a meeting of the writers held recently at the Sportsman Show.

The entries submitted by Mr. Knap which won him the \$300 top prize were: *The Fish that Man Made*, *Lead Poisoning in Waterfowl*, and *Will we Let them Vanish*.

APPRAISALS COMMITTEE OF ONTARIO COUNCIL ON GRADUATE STUDIES

Telephone Ext. 3491

This local extension number has been installed for Mrs. M. Fraser as secretary of the Appraisals Committee.

Professor T.D. Newton, chairman of the Committee, can also be reached at this number.

PERSONALS

- Lost – green canvas satchel bag, Library or Zavitz. Contains glasses, I.D. card. Needed urgently. Reward. 824-5408.
- For Rent – 3 bedroom home, furnished. May to December. H. Lehman, Ext. 3221 or 821-4564.
- Wanted – large house in Guelph area for summer training sponsored by Student Christian Organization. Ray Hoo, 324-9035.
- For Sale – '63 Meteor, 4 door. V8, Auto. Ken at Ext. 3281.
- Sublet – 2 bedroom apt. May to September, Option to rent in September, Ext. 3664.
- Wanted – riding horse, priced around \$200. Ext. 3863.
- For Sale – camera, Minolta, single lens reflex. f55mm. flash, etc. 821-8743 after 7.
- Wanted – male to share 2 bedroom apt. over summer months. 821-5658.
- For Rent – room for 1 or 2 graduate students. 821-8445 after 5.
- For Sale – 1967 VW fastback. Call Jesse, Ext. 3416 or 824-4747 after 6 p.m.
- Wanted – old beads, Ext. 3863.
- Wanted – 1 ladies and 1 mans bicycle. Chris 2533.
- Lost – gold necklace with pearl in a cage. Sentimental value reward. Chris 2533.
- For Sale – stereo record player with satellite speakers 821-6898.
- For Sale – electric organ, best offer. 822-7088.
- For Sale – '65 Valiant H.P. motor; 21" T.V., and small boy's bicycle. Ext. 3271.
- Wanted – to rent – unfurnished home for couple. 824-5967.

Grub prosés gruzzle...

One of the standard dirty digs for Grub has been its lack of prosiness. (Isay "standard" because Grub, well into its second year, is now a campus institution.) But the latest edition, edited by Morris Wolfe, effectively squelches such waspish complaints.

This edition, in fact, is almost two-thirds prose, and so I shall start with it. Linda Marshall begins with a longish and only partially successful dramatic monologue in prose, "My Testament for the Lord." Once past the forbidding opening, with its laboured learning and outrageous aphorisms, one finds a chilling, humorous exploration of sanity and reality and the purposefulness of the world. Unlike that demon Browning, in his monologues, our author wisely leaves the identity of the listener a mystery.

Paul Maurice gives us another short glimpse

of the non-adventures of Alice Truelove, who is alive and unwell and dying in Hamilton. This installment moves very slowly on a conducted tour of the sights and smells of downtown Hamilton, though it does contain a bit of the true Maurice *nausee*,

On the non-fiction side, one finds a lengthy essay by Marshall Matson, "On Stage Death," a discussion of whether today death can still be an effective dramatic device. In this darkness he peers at the productions of *The Duchess of Malfi* (Stratford), *The White Whore and the Bit Player*, and *The Marowitz Hamlet*, casting gloomy but probing glances over all of them; though I should warn readers that his sympathies (and most of his time) go to the Jacobean play.

The poetry this time is of quite respectable quality. I must mention especially James Harrison's slippery and rippling "Like Lakes,"

and John Bruce's controlled but moving regret in "Distances Away."

And there is more. We find, in "The Selected Memoranda of C.S. Hunter," a combination of poetry, prose and post art which bodes well for the postal services. There is a gorgeous pin-up of "Grub of the Month." And finally, there are a chess problem and an utterly frightful mythological crossword gruzzle, for the solution of which the editor is offering a book prize.

This new Grub — prose, gruzzle and all is still only twenty-five cents from the editors, fourth floor, Arts building.

Engineers visit steel plant

Members of the Structural Design Class toured Dominion Foundries and Steel Limited, Hamilton, on Friday, March 12. They were guests of Mr. C.E. Doering, Director of Marketing for lunch and then were shown the making of steel, open hearth furnaces and galvanizing.

FACULTY ACTIVITIES

Dr. C.A.O. van Nieuwenhuijze, Chairman, Sociology and Anthropology, attended the annual conference of the Institute for International Co-operation, University of Ottawa.

Dr. Kathryn E. Kopf, Chairman, Family Studies, has been asked to join the Technical Advisory Committee on Family Life Education with the Vanier Institute of the Family.

Dr. D.R. Arnott, Food Science, discussed Installation and Maintenance of Clean-In-Place Systems at the Borden Company Quality Assurance Work Shop in Toronto.

Dr. A.N. Myhr, Food Science, contributed to the Mastitis Workshop for the Waterloo County Milk Producers at St. Jacobs. He spoke on milk flavors and bulk milk cooling and assisted on a panel discussion on mastitis control.

Professor T.K. Warley, Agricultural Economics, video taped a lecture on National Agricultural Marketing Legislation: Some Aspects of Bill C-176 in Winnipeg. The lecture will be shown at a series of 20 conferences in Manitoba, organized by the Manitoba Department of Agriculture, for prairie farmers and farm organizations.

Professor Kari Grimstad, German Section, Department of Languages, has been notified that a generous grant in aid of research has been awarded to her. She will use these funds during a year's leave of absence, when she will aim to complete her research for the degree of Ph.D., partly in this country and partly in Germany.

Dr. P.D. Duda, Psychology, recently presented an address to the Kiwanis Club of Galt on the observer as reporter.

Dr. J.C.M. Shute, Extension Education, attended the board meeting, Canadian Council for International Co-operation, Ottawa.

Dr. R.A. Curtis, Clinical Studies and Dr. A.A. Van Dreumel, Veterinary Services Branch, recently presented a seminar in Kemptonville for the Continuing Education Committee of the Ontario Veterinary Association. The topic of the seminar was the recognition, treatment and prevention of vitamin E and selenium responsive diseases in farm animals.

Dr. H.W. Caldwell, Extension Education, attended the 1971 Provincial Marketing Seminar, a 4-day conference sponsored by the Rural Learning Association, held at Geneva Park. The topic of the conference was supply management.

Dr. Elizabeth M. Upton, Consumer Studies, attended a conference entitled computer assisted food and nutrition management: development techniques, sponsored by the American Dietetic Association and held in Chicago, Illinois.

Professor John McMurtry, Philosophy, contributed an article to the Toronto Daily Star on the topic of teaching in Ontario schools.

Dr. J.E. Callagan, Psychology, was an invited participant to a 2-day symposium on research strategies in schizophrenia at the Clarke Institute of Psychiatry, University of Toronto.

Professor Elton Yerex, Fine Art, is presently exhibiting paintings at the 4th annual society of Canadian artists' exhibition in Toronto at Eatons' College Street Gallery.

J.J. Mangalam, Sociology and Anthropology, was elected a Fellow of the American Anthropological Association at the Association's sixty-ninth Executive Council Meeting. His sponsor was Professor Morris E. Opler, an ex-President of the Association and Professor Emeritus of Anthropology, Cornell University. His election was in recognition of his contributions to studies in development and change in the underdeveloped countries in Asia and poorly developed regions in North America.

Dr. J.C.M. Shute, Extension Education, adjudicated secondary school public speaking finals for Haldimand, Peel, Dufferin and Simcoe counties at Snelgrove, Ontario held under sponsorship of the Ontario Municipal Councils Association.

Dr. Kathryn E. Kopf, Chairman, Family Studies, recently acted as a consultant regarding the future of home economics at Mount Allison University, Sackville, New Brunswick.

Dr. R.A. Curtis, Clinical Studies, recently spoke to the Quinte District Veterinary Association in Brighton, on diseases and feedlot cattle.

Dr. Kathryn E. Kopf and Mrs. Barbara Jackson, Family Studies, attended the Ontario Educational Association Convention at the Westbury hotel in Toronto.

Dr. J.C.M. Shute, Extension Education, participated in panel discussion on Channel 3 T.V., Ottawa, on the international student in Canada. Other participants were Professor Norma Walmsley (author of the Walmsley Report) and Professor Fraser Taylor of Carleton University.

PUBLICATIONS

M.H. Miller and G.J. Blair, Soil Science, and L.V. Edgington, Botany. Contributors to the 1971 McGraw-Hill Yearbook of Science and Technology. This Yearbook is published annually to update and enrich the McGraw-Hill Encyclopedia of Science and Technology.

William J. Vail, C.H. Williams, and E. Valdivia, Microbiology, 1971. Morphology of isolated bovine lung lamellar bodies with those in situ. *Am. Assoc. of Pathologists and Bacteriologists*. March 7, 1971, p. 51a.

Norman Pearson, Centre for Resources Development, has the following chapters: *The History of Canadian Settlement, The Urban Canada of Tomorrow: Some Thought-Provoking Questions and A Case for New Towns in Canada*, in the recently published book, *Urban Problems: A Canadian Reader*, by R.R. Krueger. Published by Holt Rinehart and Winston of Canada Limited, 1971.

E.H. Anthony, Zoology, G. Vilks, and W.T. Williams. Application of association-analysis to distribution studies of Recent Foraminifera. Vol. 7. No. 6, 1970. *Can. J. of Earth Sc.*

J.G. Ward and A.L.A. Middleton, Zoology. Vol. 49. No. 1, 1971. Weight and histological studies of growth and regression in the bursa of Fabricius in the mallard, *Anas platyrhynchos*. *Can. J. of Zool.*

GRANTS

The Department of Agricultural Economics has received a grant in aid of \$3000 from Foundation of Canada Engineering Corporation, in recognition of the services rendered by Professor J.H. Clark to the C.I.D.A. sponsored Pahang Tenggara planning study in Malaysia.

Professor W. van Vuuren, Department of Agricultural Economics, has been awarded an operating grant of \$5000 by the C.D.A., for a study of Policy Instruments for Rural Land Planning.

Professor R.G. Brown, Animal Science, has received a Canada Department of Agriculture Grant in the amount of \$5,500. for his research on ascorbic acid metabolism in swine.

Club elects officers

The Campus Investment Club elected as officers for 1971, Professor R.W. Irwin, Engineering as President; J.E. Brubaker, O.D.A.F. as Vice-President; A.L. Willis, Soils as Secretary and H.E. Braun, Crop Science as Treasurer. Membership is 24. Interested prospective members may call the President at 2434 for information.

Ramprashad, S. Corey and K. Ronald, Zoology, 1971. The harp seal, *Pagophilus groenlandicus* (Erxleben, 1777). XIII. The gross and microscopic structure of the auditory meatus. *Can. J. Zool.*, 49: 241-248.

L.V. Edgington, Botany. Chemicals for seed treatment of small grains. O.D.A.F. Publication 252. 1971.

J.C. George, N.V. Vallyathan, and K. Ronald. Zoology. Vol. 49. No. 1. 1971. The harp seal, *Pagophilus groenlandicus* (Erxleben, 1777). VII. A histophysiological study of certain skeletal muscles. *Can. J. of Zool.*

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NEXT WEEK AT GUELPH

THURSDAY, APRIL 1

- Seminar** A CRITIQUE OF RURAL ADJUSTMENT POLICIES. D. Richmond, Senior Economist, Ontario Economic Council. 1 p.m. Ag. Econ. Room 300. Those interested in attending please contact Prof. S.H. Lane, Ext. 2774 or Prof. W. van Vuuren, Ext. 2750.
- Lecture** PROBLEMS OF AGRICULTURAL POLICY IMPLEMENTATION. Mr. Everett Biggs, Deputy Minister, ODAF, will address students of course 02-100, Agriculture in the Economy. 4:10 p.m. Chem. - Micro., Room 200.
- Radio** ANALYSIS, Radio CJOY—FM. 106.1, 7 p.m.

FRIDAY, APRIL 2

- Seminar** POLYMER MORPHOLOGY, by Professor P.H. Geil, Case Western Reserve University. 3:15 p.m. Room 113, Phys. Sc.
- T.V.** SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 7 p.m.
- T.V.** PROLOGUE TO THE GUELPH SPRING FESTIVAL. Cable 8 at 10 a.m.
- Music** GUELPH MADRIGAL GROUP SPRING CONCERT. Dorothy Hogan Conducting. 8:30 p.m. Music Room 107, Arts. Adm. \$1.00. Tickets available at the Campus Box Office.
- Social** GRADUATE STUDENTS WINE AND CHEESE PARTY. 8th floor lounge, Arts. 4:30 p.m. All graduate students, faculty and friends welcome.
- Seminar** PHOSPHORUS-ZINC INTERACTIONS IN CORN, by Dr. Larry Rutgers, Soil Science. 2:10 p.m. Room 22, Soil Science.

SUNDAY, APRIL 4

- Worship** R.C. FOLK MASSES 10:30 a.m. War Memorial Hall. 7:30 p.m. Newman Centre.
- Evensong** ANGLICAN/UNITED SERVICE. Liturgy and the Christian. 7:30 p.m. 11 College Ave. W.
- Film** GENE AUTRY PLUS JESSE JAMES VS. THE DALTONS. 7 & 9:45 p.m. War Memorial Hall. Impact Film Series.
- Film** THE INFORMER. Guelph Film Society series. 8 p.m. Room 105 Phys. Sc.

MONDAY, APRIL 5

- Open Meeting** DESTINATION PEKING. A cultural exchange between U. of G. students and Faculty and the People's Republic of China. 8:30 p.m. Room 113, Phys. Sc. Show your support and attend.
- Seminar** SOME STATISTICAL PROBLEMS IN SAMPLING APPLICATIONS TO AGRICULTURE AND BIOLOGY, by Professor A.R. Sen. 4 p.m. Room 201, Phys. Sc.

TUESDAY, APRIL 6

- Meeting** COLLEGE WOMEN'S CLUB. Speaker: Dr. John deMan. Topic: Foods of the Future. 8:15 p.m. War Memorial Lounge.
- Radio** ANALYSIS, Radio CJOY—FM. 106.1, 7 p.m.

WEDNESDAY, APRIL 7

- Worship** ANGLICAN EUCHARIST. 12 noon. 11 College Ave. W. United Church Students welcome.
- Worship** R.C. PRAYER AND EUCHARIST. 9:15 p.m. Newman Centre.
- T.V.** PROLOGUE TO THE GUELPH SPRING FESTIVAL. Cable 8 at 7:30 p.m.
- Seminar** CHEMISTRY SEMINAR. Speaker: Dr. A.M. Trozzolo, Bell Telephone Labs. 4:20 p.m. Room 121, Phys. Sc.
- Conference Convention** WESTERN ONTARIO CHEESEMAKERS CONFERENCE. Contact: Dr. A. Myhr, Food Sc. HONORS UNDERGRADUATE PSYCHOLOGY THESIS CONVENTION. Starts at 9:30 in Rooms 132 and 318, Arts. Host: Dept. of Psychology, University of Guelph.

THURSDAY, APRIL 8

- T.V.** SPOTLIGHT ON THE UNIVERSITY OF GUELPH. Cable 8 at 5:30 p.m.
- Club** UNIVERSITY DUPLICATE BRIDGE. 8th floor lounge, Arts. 7:30 p.m. Bring a partner. Entry fee — 75¢.

PHYSICAL EDUCATION BUILDING NOTICE

Children, visiting the Physical Education building for any reason, swimming, skating, etc., must at all times be accompanied by one parent at least.

Psychology department hosts conference

The Department of Psychology will host a convention on campus to be held Wednesday, April 7. Over thirty honours undergraduate psychology students will present their theses during the one day meeting.

Two sessions will be held simultaneously in rooms 132 and 316 of the Arts building when students from McMaster University, Waterloo Lutheran University and the University of Guelph will take part in this first theses convention.

Starting at 9:30 a. m. each speaker will have 20 minutes for his presentation. Chairman for the various sessions include: Professor James Mottin, Dr. John Neill, Dr. Peter Duda, Dr. M.L. Matthews, Dr. Norma Bowen, Professor G.H. Frankie, Dr. A. D. Yarmey and Dr. John Hudleby, all of the University of Guelph.

Dr. Gordon J. Mogenson, Department of Psychology, University of Western Ontario will give an invited address on psychology science and society in the evening at 7:45 p.m. in Room 121 of the Arts building. A wine and cheese party will bring the convention to a close in the Faculty Club starting at 9 p.m.

VISITORS

Dr. Ulfur Arnason from the Institute of Genetics at the University of Lund in Switzerland recently spent a week in the Zoology Department. He visited Guelph on his way home from the Arctic Health Research College in Alaska. He is a specialist in the evolution of the Karyotype (chromosome constitution) in seals and whales. He came to our University to obtain tissue samples of the Harp seal. He hopes his research will show that new chromosomal rearrangements play an important role in species formation. With seals, Dr. Arnason says, the Karyotype is stable and this means low litter size and late sexual maturity. As a result the role of chromosome rearrangements in new species formation is very limited.

The News Bulletin is published by the Department of Information and edited by Mrs. Betty Keeling. Copy for the next edition must reach the editor, Room 361 McLaughlin Library, not later than noon, Friday, April 2, 1971.

Film Festival at Stratford

Stratford Festival supporters will be happy to hear that the International Film Festival will return to Stratford. Started in 1958, a film festival contributed to four Stratford summers. It was discontinued after the 1961 season. The 1971 Film Festival will consist of 19 entries and start Friday, September 10.

CRICKET CLUB SEASON OPENS

The University of Guelph Cricket Club is preparing for the 1971 season. The group meets every Tuesday at 8 p.m. in the single gymnasium of the Physical Education building. All newcomers are welcome. For further information contact: Selwyn Griffith, 821-3506; Dr. K. Slater, Ext. 2429 or Dr. Carlton Gyles, Ext. 2552.