

NEWS BULLETIN



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UNIVERSITY OF GUELPH

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January 27, 1972

500 Canadians overseas

CUSO Committee planning recruitment

Winter is the time when the University's CUSO (Canadian University Service Overseas) Committee is most active in recruiting for job openings overseas. Perhaps it is because this season immediately precedes graduation for many students, perhaps it is the long winter that makes Canadians wish to be somewhere else, where, as the saying goes, the sun always shines and the snow never falls.

Whatever the reason, this is the time of year when CUSO interviews are being held in connection with positions in Africa, Asia, Latin America and the Caribbean. So, if you've wondered about putting your skills as agronomist, computer programmer, or home economist to use overseas, now is the time to contact CUSO. Just drop over to Ian White at the Career's Office (in Johnston Hall). Mr. White, the secretary for the University's CUSO committee, can give you details on whatever countries can use your particular skills. Then, if you wish, you can fill out an application form and be interviewed by the local selection committee. And if, on the basis of this interview, you are deemed suited for this type of experience, your dossier is forwarded to CUSO's national office in Ottawa. Last year, out of 32 Guelph applicants, 25 were approved by the local committee. Of these, 16 were placed in positions overseas.

CUSO has, in the 11 years since its beginning, developed into a large-scale operation. Last year some 500 Canadians were posted overseas, more than 300 of them to Africa. These people were selected through 70 CUSO committees, mostly based in Canadian universities and colleges. Among these, the University of Guelph's committee ranked high — it stood ninth in terms of the number of volunteers produced. Partly, says Dr. James Shute, chairman of the local CUSO selection committee and a former CUSO field director for West Africa, this is due to Guelph's prominence in the agricultural sciences, which are very important in most of the world's less-developed countries. On occasion, there is a call for a veterinarian which is not filled through any of the local CUSO committees. In such a case the national office may then apply directly to Guelph for a qualified person.

The system of placing applicants is rather complex. Suppose for instance, that the CUSO equivalent of your dream job opens up in Lagos, Nigeria. The government then gives details of the opening to the CUSO staff officer who communicates it to the national office in Ottawa. It is then included in the list sent to all local CUSO committees. If you are the person selected to fill this opening, you must attend an orientation course as part of your preparation. Your travel costs to and from Lagos are paid by CUSO, while accommodation is provided by the Nigerian government. The salary you receive (which is approximately the same as a Nigerian employee would receive) is also covered by the host government.

The majority of people engaged by CUSO are in their twenties, says Dr. Shute. But most governments want people with as much experience as possible. Thus CUSO engages many people who are older — including, last year, one 79-year-old volunteer.

The University of Guelph's CUSO committee comprises both faculty and administrative personnel, and students. Its present

executive is as follows: chairman: Dr. Steve Fushtey; vice-chairman: Valerie Mittler; secretary: Mr. White; chairman and vice-chairman of the education and recruitment subcommittee: Keith Carroll and Dr. J. R. Geraci, respectively; chairman of the selection subcommittee: Dr. Shute; and members of the returned volunteers subcommittee: Conrad Van Dijk and George Weber.

"All of us," says Professor Fushtey, "are eager to answer any questions people may have concerning CUSO."

Whether you are on the verge of graduating or already employed, CUSO offers several advantages. It permits you to absorb the way-of-life of the country to which you are posted — not in the superficial way of the tourist, but through regular work-and-leisure contacts with people. You are also filling a role that is important, and may expect to be accepted in friendly fashion. And you also get a change in environment: you bid goodbye, at least for two years, to the long, sad twilights, to friends who are not friends, and to the wind and snow of Canadian winter.



CUSO is now interviewing persons interested in working in Africa, Asia, Latin America or the Caribbean. In the photo are, from left, George Weber, a former CUSO work volunteer now returned to Guelph; Dr. James Shute, chairman of the University of Guelph's CUSO selection sub-committee; Valerie Mittler, returned volunteer and vice-chairman of the selection sub-committee; and Dr. Steve Fushtey, chairman of the University's CUSO committee.

REPORT FROM SENATE

January 18, 1972 Meeting

Discussion on proposed guidelines for allocation of teaching time of faculty and other instructors in undergraduate years occupied the greater part of last week's 90-minute Senate meeting.

Debate on the proposed principles for allocation of undergraduate teaching effort was adjourned until the February Senate meeting. At one point, the report from the Board of Undergraduate Studies appeared ready to be voted upon but President Winegard reminded Senate that it had been agreed the discussion would be carried on for at least two meetings.

The report, in essence, proposes that the ratio of one instructor for each 50 students be adopted as a standard for the University. The undergraduate board made the proposal after finding that a great many new courses were being scheduled for senior semesters indicating a good deal of faculty teaching effort was being applied at this level, said board chairman, Dr. H. M. Dale.

The report notes that about 75 per cent of faculty teaching effort has been directed towards 25 per cent of the students at advanced levels of study.

The board said it acknowledged that teaching effort was not easily defined and that "the matter of quality is paramount." It believes, however, "that the practice of large size introductory classes conducted by few members of faculty tends toward minimal faculty-student contact, and inadequate teaching/learning effectiveness."

Senators who spoke to aspects of the report seemed to generally agree the 1-50 ratio was, if anything, a step in the right direction. They were told that the figures were selected arbitrarily and although they could not be applied in many instances, the basic principle of class sizes and faculty-student contact insofar as lower semesters are concerned should be quite clear.

Dean A. Ross, Arts, and Professor John Wickham, English, expressed concern that '50' might be used as a minimum for freshman class size. In some freshman classes now below that level it would be a mistake to increase the size to 50 they noted.

President Winegard, replying to concern over the strict application of the ratio if it was adopted, said that with the exception of four departments on campus, the figures could be met. In instances where this was impossible due to the lack of faculty and/or qualified instructors, the administration would examine existing resources with a view to assisting the department meet the goal if at all possible.

Dr. Winegard said in reply to a query about departmental discretion in applying the ratio that if it were obvious that student-faculty numbers were "lopsided" in favor of senior

semesters, the administration could if necessary wield a financial stick to bring the ratios into line with the 1:50 principle. He added, however, that he regarded such persuasion as unnecessary if departments made honest efforts toward achieving a satisfactory balance in teaching allocation.

Dr. J. Percy Smith, vice-president, academic, said the board could have proposed more rigid standards but chose not to in the interests of voluntary cooperation and in view of the divergence of college enrolments. He warned, however, that the proposed 1:50 ratio should not just be considered symbolic but a firm guideline to be observed. If it is not, he continued, then it might be necessary to consider the continuance of certain program s.

"This proposal allows for the effective use of the University," said Dr. Smith. He added that it was also an answer to critics of the University system who, as another Senator noted, demand "more scholars per dollar."

In a lighter vein, Senate learned that despite relaxed regulations covering names of graduates on degrees, nicknames are still not permitted. Professor D. H. Bullock, chairman of the graduation ceremonial committee, drew attention to a bracketed name on the list of general B.A. graduates and wondered if the registrar's office might check to see if it was a genuine given name or a nickname for fear the practice might become popular.

Continued on page 7.

REPORT FROM BOARD OF GOVERNORS

January 21, 1972 Meeting

APPOINTMENTS

COLLEGE OF SOCIAL SCIENCE

Richard W. Phidd, visiting Assistant Professor, Department of Political Studies, from January 1, 1972 for one and a half years.

OVC

Ian R. Tizard, Assistant Professor, Department of Veterinary Microbiology and Immunology, effective April 10, 1972 for two years.

MOTIONS PASSED

Membership

The following nominations of Board members to the committees were accepted. Mr. W. W. Lasby, Chairman of the Finance Committee; Mr. A. N. Kearns, Vice-Chairman of the Planning and Property Committee; Mr. L. M. Kerr, Chairman of the Membership Committee; Mrs. F. A. Walden, a member of the Membership Committee; Mr. K. G. Murray, a member and Chairman of the Committee on Compensation and Social Benefits; Mr. L. M. Kerr and Mr. K. G. Murray, members of the Executive Committee; Mr. E. I. Birnbaum, Mr. A. N. Kearns, Dr. W. C. Winegard and Mr. W. W. Bean, Board of Governors representatives on the Joint Board — City of Guelph Liaison Committee; Mr. E. I. Birnbaum, Mr. W. W. Lasby, Dr. W. C. Winegard and Mr. W. W. Bean, members of the Sub-Committee on the Board's Organization and Procedures, Mr. Birnbaum to be Chairman of the Committee; Mr. K. G. Murray, a Board of Governors representative to Senate; Mr. E. I. Birnbaum, a member of the University Standing Committee on University Structure, Organization and Government; and Mr. A. N. Kearns, the Board of Governors representative on the University Policy Committee on Human Rights.

Students

Graduate Student Enrolment

The report on graduate student enrolment showing 500 full-time and 117 part-time students as of January 20, 1972 for the winter semester was accepted.

Undergraduate Student Enrolment

The report on undergraduate student enrolment showing 6,717 full-time and 341 part-time students for the winter semester was accepted.

Rabies Immunization — OVC Students

The Board approved that effective Sept. 1, 1972, rabies immunization is to be a condition of admission as a student to the OVC, and the cost of the primary immunization and assay and subsequent inoculation to be borne by students admitted to OVC.

Building

Central Services Building

The Board approved the final design of the Central Services building and instructed the Director of Physical Resources to proceed with preparation of the working drawings.

North West Storm Sewer

The Board approved the construction of phase three of the North West Storm Sewer at a total project cost of \$781,000 and the execution of a general contract with E. & E. Seegmiller Ltd., in the amount of \$354,797.65.

Services

Food Service

The Board approved employment of a consultant as soon as possible to review and report on the food service operation at the University.

Housekeeping

The Board accepted the report of the consultant on housekeeping performance at the University.

Food Industry Research Institute

The Board approved the establishment of a Food Industry Research Institute, on the understanding that the direct and indirect costs of operating the Institute be funded initially by the Canada Department of Industry, Trade and Commerce, and thereafter through research grants and/or contracts obtained by the Institute.

Johnston Hall retains architectural style during renovations

With the summer of 1972 comes the beginning of the long awaited renovations to Johnston Hall. A Renovations Committee, formed in January 1971, with E. J. Boland, Director of Residences, and Martin Best, Assistant Director, Residence Management, as advisors, made the recommendations for the up-dating of Johnston Hall.

Built in 1929, Johnston Hall has received only minor repairs and changes to suit the needs of the various users of the building.

For example, administration offices on the second floor again reverted to bedrooms, and the President's office, the Board Room and Community House became the Faculty Club, when McLaughlin Library was built.

The Hall, the second oldest residence building on campus, is steeped in tradition and character arising out of both its age and its architecture. The design of the building is copied from the design of Corpus Christi College, Cambridge, built in the 11th Century.

The resemblance between the Old Court, a residence at Corpus Christi and Johnston Hall is quite striking. This can be noted on the leaded window construction; the gabled roof, the stonework, and the horseshoe construction around a quadrangle.

The Renovations Committee, wishing to retain the character of the Hall, made recommendations keeping this in mind. As a result recommended changes include improvement of the heating system, up-dating the washrooms and cooking facilities; re-inforcing the electrical system, and constructing a lounge in the clock-tower. The committee rejected plans to replace window hardware; the old heavy bedroom doors; and the walk-in closets.

Jamie Bell, President of Johnston Hall Council, and a resident of the Hall for three years, says all the students in the residence have a community spirit that is much more evident than in any other hall.

It was through his English studies on Christopher Marlowe that Jamie discovered the similarity between the architecture of the



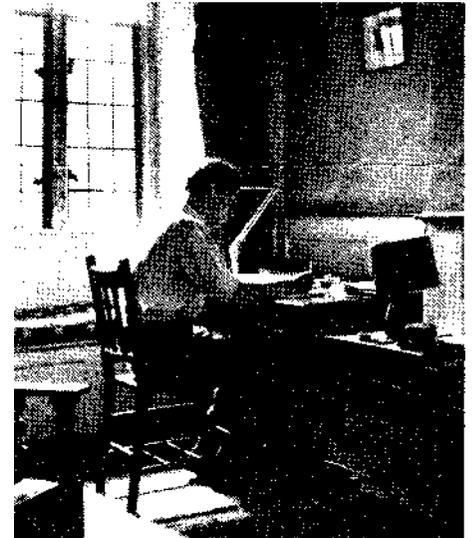
Johnston Hall or Old Court, Corpus Christi?

Old Court at Corpus Christi, where Marlowe studied, and Johnston Hall. An illustration in a book on Marlowe shows a room "similar to the one in which Marlowe studied." Another illustration is of the Court Yard which is a duplicate of the courtyard at the rear of Johnston Hall.

The Committee was unanimous in the decision to keep the character of the Hall for future students to enjoy.

Rick Turnbull, an OAC student, was chairman of the Renovations Committee and other members besides Jamie Bell, an Arts student, were Ken Frey, now graduated, but a Hall Advisor at the time, and Grant Gibson, also in Arts; Jack James, an OAC student; Rick McClung, a Landscape Architecture student; and Rob Linton, also in OAC.

If you are travelling in Briton this summer and feeling lonely visit Corpus Christi College at Cambridge, and feel at home.



Studying then or at present?



CAMPUS BRIEFS

Students to teach

An experimental program of learning and teaching has been organized jointly by the Canadian Bureau for International Education, the Wellington County Board of Education and the Department of Student Affairs on campus.

The aim of the program is to have teachers invite international students into their classrooms to present lectures on various aspects of their native country.

There are 360 International Students, representing some 44 countries around the world, studying at the University of Guelph this year. They are being asked to register their willingness to speak to students in the primary school level on the history, geography, economic life, socio-cultural milieu of their countries.

The request will come from the teachers and the time of the lesson will be mutually arranged.

Each student will receive an honorarium of \$5 per lecture plus a minimum allowance for travelling expenses. All monies will be handled by International Student Advisor Donald H. Amichand. This is made possible through a grant from the Secretary of State's Office.

Mr. Amichand states, "I believe this program has the potential for providing exceptional education and for developing an appreciation for peoples from all over the world. In short, this program, properly conceived, contains the means of eliminating prejudice and narrow-mindedness and an opportunity for developing understanding and brotherhood."

Probe '72 at OVC

The students of the Ontario Veterinary College are holding Probe '72 a day long symposium on February 12, in Room 105, Physical Science building. The topic of discussion is the opportunistic dimensions of Veterinary Medicine.

For further information, contact either Tim Robertson OVC '73 or Terry Morely OVC '73.

Physical Resources title changes

Mr. W. A. Brown, Director of Physical Resources, has announced title changes within his department. While these changes do not involve any change in responsibility for the individuals involved, they will bring the Physical Resources organizational structure more in line with other administrative areas.

Existing department heads will be retitled Assistant Directors. These include: R. D. Davis, Engineering Services; H. Graupner, Planning; and J. H. Mason, Auxiliary Operations.

Existing sections within Physical Resources will be reclassified Departments and the title section head and assistant section head will become Department Head and Assistant De-

partment Head. These include: E. A. Butterworth, Head, Engineering; B. D. Jones, Head, Construction; W. F. Bohn, Head, Maintenance; H. Parkinson, Head, Central Utilities; D. V. Leather, Assistant Head, Central Utilities; R. R. Jenkins, Head, Administrative; K. W. Schlee, Head, Housekeeping; K. L. Boorse, Assistant Head, Housekeeping; R. S. McCormick, Head, Safety/Security; J. S. Campbell, Assistant Head, Safety/Security; P. J. Tucker, Head, Grounds; and M. J. Bladon, Assistant Head, Grounds.

A-V takes new form

The Association for Educational Communications and Technology has recently established an international division to provide a forum through which individuals in various nations may both speak and listen on matters of mutual interest in the area of educational

communications and technology.

The division is now inviting membership with special attention to students who are now in the various training programs preparing themselves for work in the field. At the present time, more than 700 people have indicated interest in participating.

Application forms for membership in the division are available at the Audio Visual Services.

Parking

It will be necessary to reserve parking lots P. 23 (Textiles building) P. 44 (South side of Mills Hall) and P. 45 (front of Johnston Hall) on Friday, January 28 for the use of visitors associated with Convocation.

Alternative parking can be found at Lots P. 19 (College Ave.,) or P. 12 (South of Physical Education building).

Research may affect swine standards

A cooperative project is under way between the University of Guelph and Canada Department of Agriculture to study the relation of ultrasonic measurement of fat thickness and rib eye area to the per cent of lean cuts in the carcass.

The project, which began in mid-December and is expected to be completed by the end of January, was financed by CDA which provided the animals and personnel. The university, in the arrangement, provided

facilities and advice.

The work, says, Dr. Ron Osborne, of the Department of Animal and Poultry Science, will form the basis of a revision of the swine ROP standards in Canada. Results of the study, he says, will be presented to the swine ROP committee in mid-February.

Working with Dr. Osborne on the project is Dr. W. A. Gillis, also of the Department of Animal and Poultry Science.



From left: Dr. W. R. Osborne, Animal and Poultry Science, with R. P. Miller, Jan Filkus, and Frank Steffler of CDA, in the research lab.

Guelph marine biologist participates in whale research

Dr. D. E. Gaskin of the Department of Zoology has recently returned from a visit to Scripps Institution of Oceanography, University of California at La Jolla. During the stay he participated in a 10 day cruise of the R. V. Alpha Helix, one of the institution's ocean-going research vessels.

Dr. Gaskin, who came to Guelph in 1968 to join the marine biology group in the Department of Zoology, had previously studied the sperm whale around New Zealand and in the Antarctic.

The purpose of the cruise under the leadership of Dr. G. L. Kooyman of Scripps, was to ocean-test two new types of recoverable radio tag/depth recorders, and if possible attach them to large whales, preferably sperm whales, which are known to range over great distances and have the capability to make dives lasting an hour or more.

The expedition program was planned to include working off the coast of southern California and northern Mexico between the latitudes of San Francisco and the southern tip of the Baja, if necessary up to 300 miles from shore.

Alpha Helix left San Diego early on the morning of December 1 and steamed north-westwards to search for sperm whales in the vicinity of the San Juan seamount and the Rodriguez sea dome, but without success, finding only numerous schools of dolphins in poor weather. During the third night out the specially designed bow pulpit was smashed and lost in seas which became so heavy the northern leg of the cruise was abandoned, especially in view of a bleak long range forecast for those latitudes.

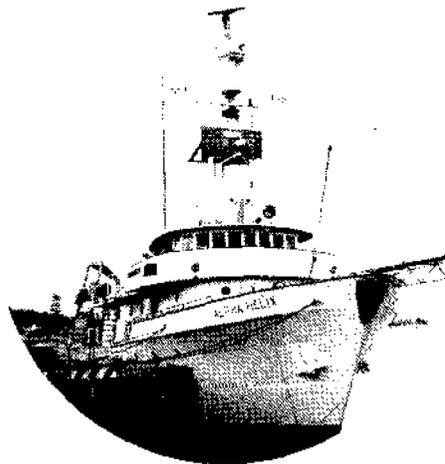
During the next week the vessel worked off the coast of the Baja California, still in generally marginal weather conditions, but nevertheless recorded eight species of cetacean, some in considerable numbers. Unfortunately no sperm whales were sighted at all; this negative finding re-inforcing opinions at the whaling company near San Francisco concerning their increasing scarcity in that part of the North Pacific, almost certainly because of the activities of large pelagic whaling expeditions from Japan and the Soviet Union.

On the last full day of the cruise a school of 15 killer whales was sighted. Since at least four of the animals in the group were large enough to comfortably carry the recorders, Dr. Kooyman and Dr. Fish attempted to attach the instruments by means of a very light harpoon fired from a modified spear-gun.

The idea was simply to shoot the small barbed head of the harpoon into the blubber (which would not harm the animal), and have the recorder attached to the head on a running line. Each time the whale rose the instrument would transmit as the aerial cleared the surface. The shot of necessity had to be made from about 30 yards or less.



Dr. Jim F. Fish (foot on rail) preparing for tagging attempt as "Alpha Helix" closes with school of killer whales. Object at left is large dorsal fin of partially submerged male killer.



"Alpha Helix" of Scripps Institution of Oceanography at San Diego.

Alpha Helix stalked the killer pack for seven hours; in this time the animals were close enough for four shots to be taken. One was a miss, two were glancing hits which did not hold and the fourth was a good hit. Unfortunately the animal dived across the bow, pulling out the line satisfactorily but somehow fouling it against the ship after a few seconds, and breaking it. Since darkness was falling the chase had to be abandoned after the package was recovered, and the "Alpha Helix" steamed back to San Diego.

While the primary aims were not by any means completely achieved, it was evident that the transmitters worked satisfactorily under arduous field conditions, which was important information. Given better weather the next cruise has a high probability of success.



North Pacific white-sided dolphin photographed from "Alpha Helix."

PERSONALS

FOR SALE

'56 Mercedes, Ext. 3585; 7.35 x 13 snow tires, 822-7142; Thermostatically controlled baseboard heater, ski boots (ladies 6, skis 180, Ext. 3089; '65 VW 1200, Ext. 3700; Single bed, spring mattress, Walnut base and headboard, Ext. 2401; '70 Fiat 124 Sport Coupe, 658-5080; Portable hairdryer, 824-7088; Small car trailer, women's 3 speed bicycle, monocular medical microscope, assorted works on psychology, 821-7302; Chocolate point Siamese kitten, Ext. 3682.

HOUSING

For Rent — 3 room apt. 822-7064; For sublet, 2 bedroom apt. Available February 1. 821-4451.

MISCELLANEOUS

Wanted — Manager for trade book department of Campus Bookstore, apply in writing to the Manager, hand crocheted vests, mittens, hats, ect., 821-0060; Wanted — male tutor for 2nd year high school Military History, 821-8766; Available, expert girl for babysitting, 821-8766; Available, expert typing, essay, thesis, etc. 821-9947; Available evening babysitting, 824-7088.

Noon hour concert features harpsichordist

Richard Birney-Smith, harpsichordist, will present the February 3 Noon Hour Concert Music Room 107, Arts building.

Mr. Smith was born in Detroit in 1941 and has been a church organist since the age of ten. His organ teachers have been Thomas Matthews, Edna Scotten Billings, Marcel Languetuit (titular organist of Rouen Cathe-

dral in France), and Clarence Watters (Trinity College, Hartford, Connecticut).

Moving to Canada in 1965, Mr. Smith became organist-choirmaster of the Cathedral of St. John the Evangelist in Saskatoon. He has been organist-choirmaster of St. James' Church in Dundas since 1967 and is also organist-choirmaster of Temple Anshe Sholom in Hamilton. He teaches organ and harpsichord at the Royal Hamilton College of Music.

Mr. Smith has given numerous organ recitals in Canada, the U.S.A., England, Scotland and France and has recorded one organ L.P. and several broadcast recitals of organ/harpsichord ensemble for CBC. In 1968 he created the Te Deum Concert Series in Dundas which specializes in the recreation of baroque ensemble and choral music in terms of historically accurate performance practice. Critical notices have praised his musicianship, tastefulness and communicative power.

For his Thursday Noon Hour performance Mr. Smith will play works by Bach, Handel, Giles and Richard Farnaby, Francois Couperin and Johann Pachelbel on his own harpsichord — a custom designed concert model which is a beautiful Flemish double by William Post Ross of Boston.



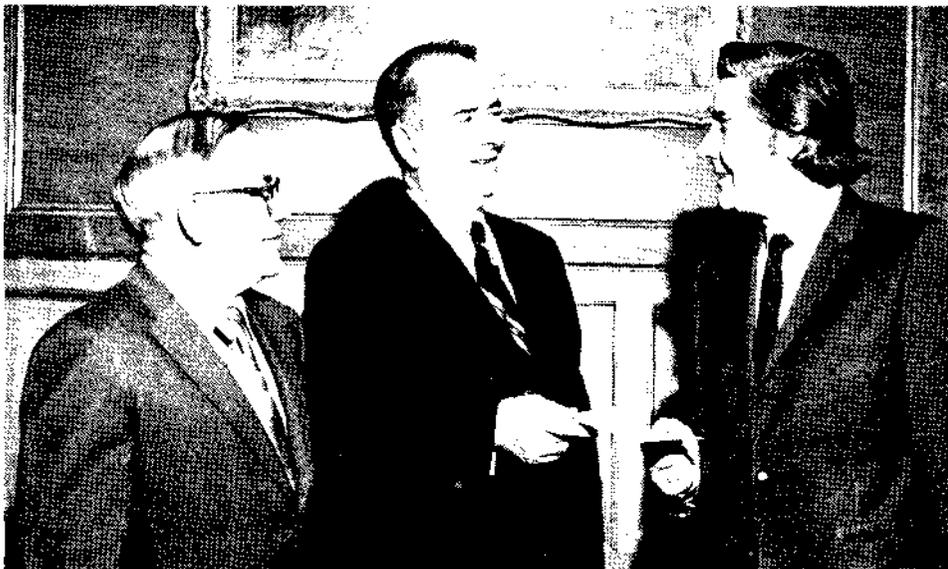
Poetry book wins award

Poetry of Relevance, the anthology of song and poetry compiled by Professor Homer Hogan of the University's English Department, is one of a group of Canadian books receiving an award for design. The award, presented annually by the Book Promotion and Editorial Club of Canada, was given to 15 books drawn from the total published in Canada between April 1, 1970 and March 31, 1971. Selections for it were made by Cameron Poulter, a well-known book designer from the University of Chicago.

Mr. Poulter praised *Poerty of Relevance* for the way it related design to content: "If poetry is to be relevant enough to serve as a classroom text," he said, "this collection of songs and poetry expressing contemporary interests and concerns is an excellent example of how it can be done."

Design work for the two-volume anthology was done by Carl Brett of Toronto; the publishing firm was Methuen Publications of Canada.

Since the book first appeared on the market in 1970, it has sold widely both as a university and a senior high school text. It is also the first Canadian text, the firm reports, that has had substantial sales throughout the United States as well as in Canada.



Mr. F. J. Burke (middle), President of BDH Pharmaceuticals (Glaxo), and his colleague Mr. J. R. White (left), presents a grant to Dr. J. Archibald, Chairman, Department of Clinical Studies, for the acquisition of surgical instruments and equipment to be used in the Experimental Surgery Unit of the Department of Clinical Studies.



Museums get Chu's works

The Tom Thomson Memorial Gallery and Museum of Fine Art at Owen Sound recently acquired a series of graphic works by Professor Gene Chu of the Department of Fine Art at the University of Guelph. The Gallery has added this series to its permanent collection.

Professor Chu was earlier honored when his work was awarded The Popular Prize in the Tom Thomson Gallery 1971 Annual Jury Show.

The London Public Library and Art Museum has added a colour lithograph entitled *O' Peace*, the third print of The Ants Series by Professor Chu, to its permanent collection.

These prints are included in the Fine Art Faculty Exhibition being held at present in McLaughlin Library.

Professor Ronald heads Awards Committee

Professor Keith Ronald has been appointed chairman of the Awards Committee of the World Wildlife Fund. Among the patrons of the Fund are H.R.H. the Duke of Edinburgh, H.R.H. Prince Bernhard of the Netherlands, and other interested conservationists.

The Committee will be evaluating applications for funds to support research on species of wildlife that may be endangered by the environment. They will be especially looking at applications to support research of animals in the Canadian environment.

Members of the Committee include: Dr. Donald Chant, Chairman of Zoology, University of Toronto; Dr. J. M. Anderson, Director of the Biological Station, Fisheries Research Board of Canada, St. Andrews, N.B.; Dr. John Tener, Director of Wildlife Services, Department of Environment, Ottawa; and Dr. Ian McTaggart-Cowan, Dean of Graduate Studies, University of British Columbia.

The first meeting of the Committee was held in the Inn on the Park on January 14.

PUBLICATIONS

Zimmer, B. E., and R. S. Rodd, Socio-Economic Factors Related to the AR DA Program for Land Consolidation and Farm Enlargement in Eastern Ontario, AE/71/7. (Agricultural Economics and Extension Education)

McEwen, F. L. and H. W. Goble, 1971. Control with dichlorvos of gladiolus thrips on bulbs in storage, Jour. Econ. Entomol. 64: 1572-3. (Environmental Biology)

Nye, M. J. and E. F. V. Scriven, 1971. A Novel Phenolic Zwitterion, Can. J. Chem., 49, 3572. (Chemistry)

Nye, M. J. and W. P. Tang, 1971. Molecular Rearrangements Yielding 2-Pyrazolin-5-ones: Acyloin Rearrangement, Chem. Commun., 1394. (Chemistry)

Leatherland, J. F., and T. J. Lam, 1971. Effects of prolactin, corticotrophin and cortisol on the adenohypophysis and interrenal gland of anadromous threespine sticklebacks, *Gasterosteus aculeatus* L. form *trachurus*, in winter and summer. J. Endocrin., 51, 425-436. (Zoology)

Newman, J., 1971. Review of Rubinoff Collingwood and the reform on metaphysics. New Scholasticism. pp. 628-631. (Philosophy)

Powell, J. T., 1972. Notes on training. Track and Field Guide. A.A. H. P. E. R., Washington D.C. pp. 45-49. (Physical Education)

Wickham, J., 1972. Christian students on the secular campus - the present situation. Our Family 24, No. 1: 19-21. (English)

Duitschaeffer, C. L. and D. M. Irvine, 1971. A case study: effects of mold on growth of coagulase-positive staphylococci in cheddar cheese. J. Milk Food Technol. 34: 583. (Food Science)

Bullock, D. H., K. C. Thomas and L. M. McKnight, 1971. Continuous manufacture of a low fat dairy spread having water-in-fat emulsion. J. Dairy Sc. 54: 1801-1806. (Food Science)

Stanley, D. W., and G. W. deVillafranca, 1971. Isometric contraction in glycerinated skeletal muscle of horseshoe crab and rabbit. 111 Relaxation. Comp. Biochem. Physiol. 40: 623. (Food Science)

BEER AND PRETZEL PARTY

International Students Association

Thursday, January 27 - 8 p.m.

Macdonald Hall

One beer free to members

FACULTY ACTIVITIES

Dr. William H. Boyd, Biomedical Sciences, is chairman of the Advisory Committee on Life and Health Sciences Research Technology at Conestoga College, Guelph Campus. The Advisory Committee consists of faculty members from Departments of Biology and Faculties of Medicine at McMaster University, the University of Waterloo, the University of Toronto as well as Medical Directors and Presidents of Research Institutes in the Province.

Mr. R. P. Gilmor, Provost, was guest speaker at a Newman Centre discussion. The theme for discussion was "Student Survival" - food, lodging, tri-semester system - how in hell?

Dr. L. V. Edgington, Environmental Biology, gave a report on potential seed treatment at the Southwestern Ontario Framers Week meetings at Ridgetown College of Agricultural Technology.

Dr. John B. Black, Political Studies, whose appointment as Assistant Librarian, Services, was announced in last week's Bulletin, also continues to hold an appointment as an Assistant Professor of Political Studies and will be offering courses in that Department on a regular basis.

Dr. S. Zelin, Engineering, gave a seminar to the Cardiovascular Fellows at the Toronto General Hospital on indicator dilution techniques.

Dr. John King-Farlow, Philosophy, attended the annual meeting of the Philosophy Editor's Association in New York, representing The Canadian Journal of Philosophy.

Professor Norman Pearson, Director, Centre for Resources Development has been re-elected Honorary President of the Bruce Trail Association

Dr. Mark W. Waldron, Director, Office of Continuing Education, was the luncheon speaker at the annual meeting of the Waterloo County Federation of Agriculture held at Breslau. His topic: Can farm organizations improve their role in policy making? Dr. Waldron was also a luncheon speaker at the meeting of the Guelph Community Workers Association held in Guelph. His topic: University continuing education in Guelph.

Dr. C. R. Ellis, Environmental Biology, spoke on pest control in corn at the 24th Annual Fieldmen's Conference sponsored by the Ontario Food Processors Association, Guelph.

Chou, S. T., J. L. Sell and P. A. Kondra, 1971. Interrelationships between riboflavin and dietary energy and protein utilization in growing chicks. B. J. Nutr., 26, pp. 323. (Biomedical Sciences)

Atwal, O. S., and P. R. Sweeny, 1971. Ultra-structure of the interalveolar septum of the lung of the goat. Am. J. Vet. Res. 32: 1999-2010. (Biomedical Sciences and Pathology)

Korte, D. M., 1972. Johnson's Rasselas. PMLA 87: 100-101. (English)

Senate Report

Continued from page 2.

President Winegard said the matter was to be looked into by the office and corrected.

Professor Bullock also noted that whereas once students were allowed the use of one given name and an initial on degrees, broadened rules allowing all Christian names often leads to complications and makes for a tight fit. He cited one example where a student listed four given names ahead of his surname.

MOTIONS

Board of Undergraduate Studies

Senate approved the offering of an additional course 13-435(F) - Media Seminar, in Winter semester 1972. Twenty Fine Art students are expected to register for this course.

Senate approved the recommendation to cancel two courses 25-303 - Family Clothing (because of the lack of an appropriate lecturer) and 63-401 - Ordinary Differential Equations (because of low enrolment) in Winter semester, 1972.

Senate approved the replacement of J. B. Sprague, former acting chairman of Zoology, by K. Myers, chairman of Zoology, on the B.Sc. program committee.

Senate approved the list of graduands for the January 28, 1972 Convocation. The numbers are: B.A. (general) - 109; B.A. (honors) - 20; B.Sc. (general) - 14; B.Sc. (honors) - 5; B.Sc. (Agr) - 2; B.Sc. (Eng) - 1; B.Sc. (P.E.) - 1.

Senate accepted the report on Proposed principles for allocation of undergraduate teaching effort for discussion.

Board of Graduate Studies

Senate approved the list of graduands for the January 28 Convocation. The numbers are: Ph.D. - 7; M.A. - 10; M.Sc. - 47.

Membership Committee

Senate approved the recommendation that the seat of an elected member be declared vacant if absent from six regular meetings of Senate in a session.

NEXT WEEK AT GUELPH

THURSDAY, JANUARY 27

Music — WALTER BUCYNSKI, PIANIST. Noon Hour Concert Series. 12:10 to 12:45 and 1:10 to 1:45. Music Room 107, Arts. Free Admission.

Meetings — CUSO INFORMATION MEETINGS. 1. Continuous slides and discussions on what CUSO is all about. Anytime between 12 noon and 3 p.m. in Room 238, Arts. 2. Open public meeting with film and guest speaker: Suzanne Wise, National Director for Local Committees. 7:30 p.m. Room 113, Physical Science. Special invitation to the general public.

Seminars — CAREERS IN ELEMENTARY SCHOOL TEACHING. Speakers: W. C. McClure, Principal of Lakeshore Teachers College, Faculty of Education, York University; and R. Brayford, Principal, Hamilton Teachers College. 4 p.m. Room 114, Arts.

Course — DATA PREPARATION FOR STATISTICAL PROGRAMS. Instructors: A. Sheth and A. Swaminathan. For users who wish to use any of the statistical batch programs in the Scientific Programming Library. 6:30 to 9:30 p.m. Ext. 3701 for further information.

Film — WHO'S AFRAID OF VIRGINIA WOLF, starring Elizabeth Taylor and Richard Burton. Sponsored by the English Department. 8 p.m. Room 105. Physical Science. Everyone welcome. Admission free.

Social — BEER AND PRETZEL PARTY. Sponsored by the International Students Association. 8 p.m. Macdonald Hall. (One beer free to members)

Meeting — OPERATION BEAVER. Informational meeting. (Volunteer Summer Service). Film and reports from past volunteers. 8:30 p.m. Room 327, Arts. All welcome.

Drama — SGANARELLE, by Moliere, and BIRD BATH, by Leonard Melfi. 8 p.m. Dramam Workshop. Admission 50¢. These two one-act plays are student directed.

Meeting — INTER-VARSITY CHRISTIAN FELLOWSHIP. Topic: God's holiness, Justice. Speaker: Dr. Richard E. Vosburgh, Consumer Studies. 7:30 p.m. 9th floor lounge, Arts. Information atmosphere, singing.

FRIDAY, JANUARY 28

Students — CONVOCATION. 2 p.m. War Memorial Hall.

Film — HOUR OF THE WOLF, by Ingmar Bergman; COPS, with Buster Keaton; and RINOCEROS, a German cartoon. Sponsored by the Guelph Film Society. KW with membership card. 8 p.m. Room 105, Physical Science. Memberships at \$1 available at the door.

T.V.— SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 7 p.m.

SATURDAY, JANUARY 29

Music — EDWARD JOHNSON MUSIC FOUNDATION SCHOLARSHIP GALA NIGHT AT THE OPERA. Dinner: Cutten Club. Concert: War Memorial Hall. Reception: Faculty Club. Tickets available for the evening from Mrs. Enid (Coleman) Robertson. Ext. 3889.

SUNDAY, JANUARY 30

Worship — ANGLICAN EUCHARIST. 9:30 a.m. 9th floor lounge, Arts.

Worship — R.C. MASS. 10:30 a.m. War Memorial Lounge.

Film — CROMWELL. 2, 7 & 9:30 p.m. War Memorial Hall. Free with Impact Cards.

MONDAY, JANUARY 31

Course — A COMPREHENSIVE COURSE ON APL/370, by Mrs. Lib Gibson. Continue: 5 afternoons. 1 p.m. For users interested in obtaining a basic knowledge in APL. For further information call Ext. 3701.

Seminar — CANADA SCIENCE POLICY: IMPLICATIONS FOR AGRICULTURE, by Dr. P. D. McTaggart-Cown, Executive Director of the Science Council of Canada 4 p.m. Room 113, Physical Science.

TUESDAY, FEBRUARY 1

Careers — EMPLOYMENT INTERVIEW WITH CROWN LIFE. Contact Career Planning and Placement Office, Room 160, Johnston Hall for further information.

Seminar — SPECIAL EDUCATION, by W. S. Hougham, Director of Educational Services, Waterloo County Board of Education. Part of the Career Seminar series. 4 p.m. Room 101, Physical Science.

Meeting — COLLEGE WOMEN'S CLUB. Guest stars: Hamilton Police Male Chorus. 8:15 p.m. War Memorial Hall. Members husbands and guests welcome.

WEDNESDAY, FEBRUARY 2

Worship — ANGLICAN EUCHARIST. 12 noon. 2nd floor lounge, Macdonald Hall

Seminar — COMPETITIVE BEHAVIOUR IN THE FARM MACHINERY INDUSTRY, by Dr. Clarence Barber, Chairman, Department of Economics, University of Manitoba. 3:30 p.m. Room 302, Agricultural Economics.

Seminar — THE HUDSON '70 EXPEDITION AND THE PHYSICS OF THE OCEANS, by Dr. C. R. Mann, Atlantic Oceanographic Laboratory, Bedford Institute, Dartmouth. 4 p.m. Room 105, Physical Science.

Lecture — SOME ASPECTS OF THE MULTINATIONAL CORPORATION IN THE FARM MACHINERY INDUSTRY, by Dr. Clarence Barber, Chairman, Department of Economics, University of Manitoba. 7:30 p.m. Room 105, Physical Science.

Lecture — RECENT DISCOVERIES IN CHINESE ART AND ARCHEOLOGY, by Dr. Yen Shih, Far Eastern Department, Royal Ontario Museum. 8 p.m. Room 113, Physical Science. Fee \$2.50. Learning for Living Series.

Radio — ANALYSIS, news and comment from the University of Guelph. CJOY-FM. 106.1 at 7 p.m.

Discussion — BIBLE STUDY, with Ken Mitchell, Zoology. 5:15 p.m. Room 227, Arts.

THURSDAY, FEBRUARY 3

T.V. — SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 2 and 5:30 p.m.

Music — RICHARD BIRNEY-SMITH, HARPSICHORDIST. Thursday, Noon Hour Concert Series. Music Room 107, Arts. 12:10 to 12:45 and 1:10 to 1:45. Admission free.

EJMF concert provides scholarships

Furthering young musical talent was dearest to the heart of Edward Johnson. Helping to fulfill his wish is the purpose of a Gala Night at the Opera being held in Memorial Hall on Saturday, January 29. Proceeds from the evening will be used to provide scholarships for students of music from Wellington County.

The evening includes a dinner at Cutten Club, music in War Memorial Hall and a reception after the concert in the Faculty Club. Referring to the evening, President W. C. Winegard states, "I'm delighted that University people, through the Edward Johnson Music Foundation have an opportunity to encourage students of music.

Selecting the program was difficult as the artists (who are donating their services to the Guelph Spring Festival sponsors) have favoured they would have liked included. Finally, Verdi's La Traviata, Puccini's La Boheme and Mozart's Marriage of Figaro and Don Giovanni and Tchiakowsky's Eugene Onegin were selected. Porgy and Bess adds a popular touch.

Sopranos Eleanor Calbes and Nagisa Yamashiro were invited to perform by Mr. Goldschmidt. Their voices, particularly suited to these roles, blend well for ensemble work and will provide beautiful contrast. Garnet Brooks, tenor, a favourite of Canadian audiences and particularly Festival supporters,

will handle the tenor solos and ensembles, while Gary Relyea, bass-baritone, will bring Germont, Schaunard and the Count to life on the Memorial Hall stage.

Tickets for the entire Gala Night are available from Mrs. Enid (Coleman) Robertson, Ext. 3889. Tickets for the Concert in War Memorial Hall only are available at the University Box Office, Arts building. Students are half price.

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