



## Tours, conferences part of OAC extension

A group of Ontario bankers attending a course at the Ontario Agricultural College; 1200 farmers, politicians, academics, industrialists attending a symposium on conservation and marketing of foodstuffs. What do these two events have in common? They are both organized by the extension division of the University's Ontario Agricultural College.

Extension activities of OAC include courses and seminars for people connected with farming, educational tours of university research programs, speeches before farm groups, service assignments with Ontario Department of Agriculture and Food personnel, appearances on radio and television, as well as articles published by the OAC and by outside organizations. Agricultural extension involves almost all of the College's 250 faculty members and directly influences Ontario's agricultural industry.

"We consider that every faculty member has some commitment towards extension," says Dr. W. S. Young, the OAC's coordinator for agricultural extension. "It is his responsibility to pass on the information he learns in his research to the agricultural community, especially extension personnel working with ODAF, people connected with agricultural businesses, and the press."

Last January's conference on "Changing Concepts in Agriculture and Food" is an example of OAC's ambitious extension program when more than 1,000 participants delved into problems related to the environment and to food production, and discussed possible solutions. At the end of the three day event, they returned to their home communities with a deeper understanding of issues that are crucial for the future. And for those people unable to attend this conference, much of the subject matter was published in two issues of the periodical "Notes on Agriculture" for distribution to an extensive mailing list. This year a similar three day conference will explore "Challenges for Agriculture."

OAC is closely linked with Ontario Department of Agriculture and Food (ODAF) in many extension projects. A report on extension at OAC (which in the past included the departments of Nutrition and Zoology) shows that, for the year ending last March, the OAC



*Bankers don coats for tour of facilities at the Elora Research Station. The Bankers' School, which attracts bankers from the rural areas of Ontario, is perhaps one of the oldest continuing extension programs on campus.*

hosted 77 courses, seminars and workshops, of which 55 were funded by ODAF. The ODAF-funded courses included, for example, a nutrition conference, a bankers' school, a conference for Ontario swine producers, research station days, and courses for turf-grass managers, beekeepers and cheesemakers. In addition, OAC faculty members conducted, or made major contributions to, 13 in-service training programs for ODAF personnel.

More than 350 educational tours of the University's four agricultural research stations (located at Elora, Arkell, Preston, and on the campus) acquainted thousands of visitors with agricultural research and education. Among these visitors were Ontario farm groups, such as 4H clubs, livestock associations, and soil and crop improvement associations, as well as 33 overseas delegations, including the University of Newcastle's Agricultural Society, and Holstein breeders from Japan and Argentina.

Speaking engagements by OAC faculty members accounted for 600 man-days last year, the report estimates. Presentations were made on such themes as economic policy, interprovincial and international trade, con-

servation, the use and abuse of pesticides, and rural life, as well as agricultural production and marketing. OAC faculty members also performed a variety of functions to assist ODAF personnel and other people connected with agriculture. Some 950 man-days were spent in aid of ODAF representatives in meeting their program objectives — for example, performing laboratory analyses, helping develop courses for colleges of agricultural technology, and trouble-shooting on problems in such fields as agricultural production, environmental quality, and processing and marketing farm products.

In the field of mass communications, OAC faculty members reported 177 radio and television appearances last year. Some were on ODAF radio and TV programs; others were on other facilities at radio and TV stations, at meetings or at the University. Assistance was also given in preparing agricultural exhibits for the Royal Agricultural Winter Fair, the International Plowing Match and other agricultural exhibitions; and in committee work on a wide range of subjects.

Finally, OAC faculty members wrote articles for many publications, in the United

# REPORT FROM THE SENATE

## November 16, 1971 Meeting

Senate last week went right up to its 11 o'clock deadline but only got five minutes into what was to have been the major item of business on the agenda, the report from the audio-visual committee. Professor Eric Cameron, committee chairman, had only begun outlining key conclusions of the report after it had been received formally by Senate when adjournment was voted upon and the balance of discussion held over until next month's regular meeting.

Also put over as a result were a progress report on the Centre for Resources Development; a report from the Research Advisory Board and a summary of proceedings from the last Council of Ontario Universities meeting.

Almost all items on the agenda prompted discussion. One exception was an information report by Dean H. S. Armstrong of Graduate Studies, outlining the grad student enrolment and factors which might affect it next year. Dr. Armstrong warned the University might be "prudent to anticipate a further reduction in our graduate enrolment" from its present 537 full-time students and 111 part-time roster.

One of the reports debated the longest before finally being accepted was that of the sub-committee on the handling of medical certificates.

Professor Norma Bowen, Psychology, who chaired the committee explained the report comprised recommended changes in the calendar which spelled out academic regulations covering student illness or compassionate leave and administrative guidelines to faculty and staff for handling such situations.

The new regulations, said Dr. Bowen, put the onus on the student to initiate action to protect his academic standing and does away with the problem of students' seeking "retroactive" help after an illness has occurred. "Medical certificates can no longer be pre-requisites for passing courses," she said.

There was considerable discussion on the question of the problems of a student's being able to get a medical certificate. Reports that some students had to go back several times for such certificates were cited but President Winegard said he felt such instances had been cleared up or would be in the near future.

Professor Tom Settle, Philosophy, suggested the inclusion of a fifth entry on a student's record if no final exams were written and the final standing was based on the semester's work. In addition to the options of a passing mark, credit, a deferred grade or a failing mark, Professor Settle suggested "unfinished due to illness." He recanted when registrar Arnold Holmes noted a student could withdraw from a course at anytime because of illness.

The question of mid-term exams also sparked a lively discussion. The Board of Undergraduate Studies recommended mid-terms could not conflict with regularly scheduled classes and that such exams held outside regular

class hours must be cleared with the registrar's office.

Several members of the College of Physical Science including Dr. Ross O'Neil and Dr. A. K. Colter objected to the proposal on the grounds that large numbers of freshman students and the lack of sufficient alternate seating space during the day made such conflicts almost imperative.

Dr. J. P. Smith, Vice-President, Academic, emphasized, however, that "the regular University schedule must be adhered to" and objected to any attempt to squeeze more time out of a semester than scheduled.

Dr. Winegard, who said he agreed wholeheartedly with the report, suggested mid-terms could be scheduled after 9 p.m. since no classes were scheduled after that hour. The registrar also noted that perhaps consideration ought to be given to a special week in mid-semester for mid-terms.

A striking committee report on regulations also provoked debate when it proposed that faculty and staff should consider membership on a Senate board or committee as having priority over any other university committee.

Professor Settle unsuccessfully tried to move to delete the clause because of what he felt was the paramount importance of serving on departmental committees. Professor J. A. McIntyre, acting sociology chairman argued that it was only proper that the department chairman be consulted before a faculty member was approached for Senate membership because he or she might be on research and development time. It was the chairman's duty to "protect" faculty in this regard, Professor McIntyre stressed.

A bylaws committee report on the composition of the library committee was finally referred to the latter committee after an inconclusive debate.

The referral came after student senator Stan Whiston proposed that the recommended representation of one undergraduate and one graduate student be changed to seven and two respectively. Alumni senator, Paul Ferguson's suggestion that alumni be represented, met with approval as well. Senators agreed to the deletion of deans from the committee after encountering no strenuous objections.

Presenting a motion to create a department of human kinetics within the School of Physical Education, Dean Keith Ronald, Biological Sciences, noted the move would give faculty an academic identity within the School. Dr. John Powell, present School director, will be chairman of the new department as well.

Senate also agreed to changing the name of the Department of Botany to that of Botany and Genetics effective January 1. Dean Ronald noted that while genetics is a multi-disciplinary subject on campus, botany has an established group of geneticists and already has a functional administration.

## MOTIONS

### Executive Committee

Approval of a name change for the Department of Botany to the Department of Botany and Genetics effective January 1, 1972, was given.

The proposal outlined the need for the genetics undergraduate program to be the responsibility of an academic department in the C.B.S. (College of Biological Science) and the logic of its being with Botany.

The establishment of Department of Human Kinetics within the School of Physical Education was approved. The Director of the School of Physical Education will be chairman of the new department.

The proposal noted that a department be established in order that (1) a clear distinction be made between academic and non-academic programs in the School and (2) the academic department would indicate clearly the specific area in which its academic interests and aims lie.

### Striking Committee

Approval was given to a list of four regulations to be followed in filling vacancies for Senate appointments and membership on Senate Committees.

The regulations call for appointments to be dealt with in closed session and that the appointee be selected for potential effectiveness and to give balance to the membership of the group. Regulations also require that individuals be informed of their nomination in advance of Senate and that they consider membership on a Senate board or committee, or as a Senate appointee as having priority over membership on any other committee in the University.

Senate accepted the following nominations to Committees and Boards.

J. D. Summers, Animal & Poultry Science to the committee for the Centre for International Programs; H. R. Whiteley, Engineering and E. A. Cebotarev, Sociology & Anthropology, to the Committee for the Centre for Resource Development; G. Blackmore, graduate student in Psychology, to the Centre for Educational Disabilities; B. McCraw, Pathology and A. Salvadori, Computing and Information Science, to the Library Committee.

### Board of Undergraduate Studies

The 1972-73 schedule of dates for Spring, Fall and Winter semesters, to be published in the new Calendar, was accepted.

The report on the handling of medical certificates was approved. The policies will become effective in Spring semester, 1972.

The report outlined policies to become academic regulations for the 72/73 Calendar as well as suggested guidelines relating to the responsibility of the instructor, department chairman, dean or director and the review committee.

- A new Food Science course — "Cereal Technology" — was approved.
- Approval was given to a recommendation

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## 80 OAC students get awards

Awards amounting to \$22,000 were presented to 80 OAC students during the 1971 Awards Ceremony. Dean N. R. Richards, chairman for the meeting, told the students, "I hope that the award you receive will not only make it possible for you to continue in your program with less concern about financing your education, but will impress upon you that others are interested in your well-being."

Dr. Richards expressed the satisfaction and pleasure felt by the OAC to have the assurance of a large circle of friends and supporters. "This finds expression in several ways," he continued, "not the least being your making this Awards Ceremony possible."

President W. C. Winegard welcomed the guests and referring to the criticism received by universities, said, "It is meetings such as this that indicate people still believe in universities and still believe in students and support them in the most tangible way."

"The present awards are going to a fine group of concerned students who will promote the real story of this University today," he concluded.

The Governor General's Medal for a student who has completed four semesters and who has ranked the highest in general proficiency was awarded to Mr. David Morris of Welland.

The top entrance awards, made by the OAC Alumni Foundation, in the amount of \$1,000 each went to Janet Shapiro, Brenda Hamilton, Shane Renwich, Stewart Cressman, Margaret McLaren, Robert Friendship and Dennis Dow.

During a dinner for the donors following the presentations, Mr. Don Ross, Vice chairman of the OAC Student Federation, thanked the donors and said their interest would make

## Openings for January BA admission

There are still openings for more freshmen to enrol for studies towards the B.A. degree in the class which will begin with the winter semester in January, reports Registrar Arnold Holmes.

Applications are being received for enrolment either as regular students or as mature students, and there are still openings in both groups. The quota for January freshmen is 300, and to date about 125 have been accepted with other applications being processed. Last January about 225 freshmen were accepted.

The deadline for applications for mature student enrolment is December 3, 1971 in order to give the registrar's office time to process the application and give the prospective student the necessary admissions test. In order to enrol as a mature student the applicant must be over 21 years of age and have been employed at least two years since leaving

secondary school. The applicant need not have completed Grade 13 before leaving school.

Registrar Holmes says that students admitted to the University of Guelph as mature students in recent semesters have had favourable academic records in their university studies.

The University of Guelph's three semester system permits it to admit a freshman class in January in certain study programs, and this can prove a distinct advantage to many high school graduates, comments Mr. Holmes. "Today, many students choose to take a brief period of time for travel, or for other personal reasons are unable to go to university in September following completion of their secondary school studies. They may begin B.A. studies at Guelph in January without waiting a whole year to start university."

Another advantage of the Guelph three semester system is the opportunity it affords January freshmen to catch up with their classmates who began in September. By taking the second semester of studies during the spring semester, those who begin university studies in January will be able to complete a full university year by the first of August, and begin their second year in September.

### LOST

Left on one of the desks in the Library Stoa on Monday, November 22 at approximately 3 p.m., a green folder, (file) containing Pomology notes. Owner: C. K. Muraguri, Horticultural Science Department, Ext. 2787 or 824-1975 (home).

the students live up to their goals.

Dr. Percy Smith, Vice-President, (Academic) predicted the present students would "clear up the messes of today", and expressed his thanks to the donors for their support.

Dr. W. H. Minshall, past president of the Guelph Alumni Association and a member of the University of Guelph Senate, in expressing his thanks to the donors said, "your recognition of excellence at the University of Guelph will influence our lives in the future."

## OAC extension

*Continued from page 1.*

States as well as Canada. They contributed 93 articles to the "Information for Extension Personnel" releases sent out by ODAF last year. They also wrote 29 feature articles which were published in the farm and urban press — 1,175 copies of these articles were sent out to fill outside requests. And four times during the year, 3,000 copies of a "Notes on Agriculture" publication were issued and circulated to government departments, to high schools, to farm organizations, and to individuals requesting them.

OAC's extension work is coordinated, with the aid of representatives from each department, by Dr. Young's office. Through this centre, planning and organizing is done for the variety of extension projects carried on. There efforts support the essential task of spreading new ideas in agriculture from the University to the community and especially those associated with Ontario's largest single industry, where production represents a value of \$1.5 billion dollars annually at the farm level.



David Norris is shown right, receiving the Governor General's Medal from Dr. H. W. Caldwell, School of Agricultural Economics and Extension Education. The medal is awarded annually to the student who has completed the first four semesters at OAC and who has ranked the highest in general proficiency in the degree program.

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.

## Nova Scotia lithographs here

Prints from the Nova Scotia College of Art and Design, an exhibition of lithographs by well known international and Canadian artists opened at Guelph on the main floor of McLaughlin Library on November 20. The exhibit has been organized by the Extension Department of the National Gallery of Canada and is touring Canadian art galleries.

In recent years the Lithography Workshop of the Nova Scotia College of Art and Design has gained an international reputation for the standard and scale of its work. Under the direction of Gerald Ferguson the Lithography Workshop invites Canadian and international artists to work with the school's master printer to produce an edition of lithographs. Students at the College assist in workshop production as part of the educational process and, outside the shop, are often involved with visiting artists in more general dialogue.

Although the Workshop is partially subsidized by the Nova Scotia College of Art and Design and the Canada Council, the major percentage of the cost of operation is recovered through the sale of work produced. This forces the College to engage in many levels of art

world activities, collaborating with dealers, collectors, museums, distributors, and critics. As a result, an educational dimension is provided the student that is not available in the usual media-study orientation of art school curricula.

All works in the exhibition are for sale.

The exhibit continues until December 5 on the main floor of McLaughlin Library. It is open to the public without charge seven days a week.



## Irish group studies OAC programs

A study team from the Faculty of Agriculture, University of Dublin, Ireland, was on campus for five days to study patterns of organization and programs offered at OAC.

Dean N. R. Richards met with the team the first day of the visit to discuss the overall perspective of the University and the OAC. They also studied the philosophy of OAC in relation to its role in the education of the agricultural professional.

During the rest of the visit the team met with faculty members in most OAC departments and visited the University's research stations.

The Faculty of Agriculture of the University College in Dublin is divided into three major sections of agriculture, horticulture and forestry. The graduates in agriculture and horticulture are employed in a wide variety of position including extension work, technical and administrative areas in government service, advisory personnel, sales representatives and

management with commercial organizations, teachers of agricultural science and biology at the secondary school level, research and farming. The forestry graduates are generally employed in the state forest service.

The Irish team included Professor Michael Geoghegan, head of the Department of Industrial Microbiology in the Faculty of Science where he is responsible for courses for the agricultural students. Dr. Patrick Caffrey is a lecturer in the Animal Science section of the Department of Farm Management. Mr. John Connolly is a lecturer in the Farm Management section of the Department of Farm Management, and Mr. Kevin Clancy is an assistant lecturer in the Plant Pathology section of the Department of Agricultural Biology.

The team also visited Macdonald College, McGill, and three American universities during their study tour.

## Inter—university computer network

The Council of Ontario Universities has given its Office of Computer Coordination the go-ahead to analyse and develop plans for an inter-university computer network.

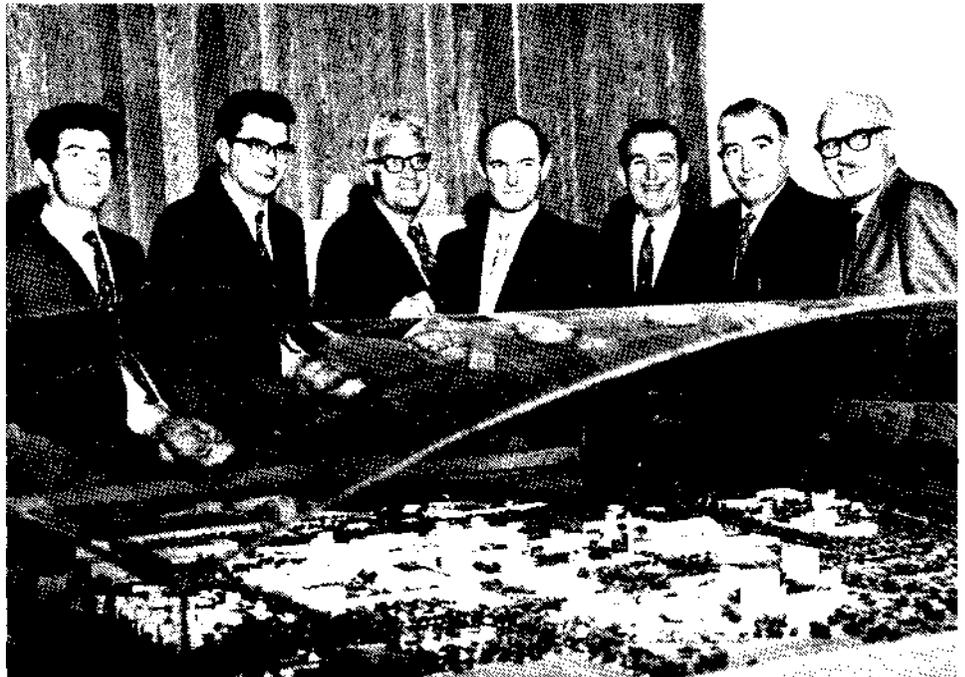
The objective of the network is to enable widely separated computer terminals at the universities to communicate through the network with the various large scale computers included in the system. Some computer installations have particular adaptability for specific jobs, and can do them more effectively than other computers. At the same time, the link-up will help avoid short term problems of over-load by broadening the scope of facilities available at any one time. While one may be over-loaded, another may be slack.

At the present time, an experimental threshold service is being established by linking together a number of university computers which have data transmission lines, and at the same time developing operating procedures.

It is expected that final design specifications, financial plans, management plans and a detailed cost/benefit analysis will be completed by February 1972.

## VISITOR

Dr. A. Katherine Prestwood of the South-eastern Cooperative Wildlife Disease Study, University of Georgia, visited the University to consult with parasitologists in the College of Biological Science and the OVC.



The study team from the Faculty of Agriculture, University College, Dublin, are shown around the campus model during their visit. From left: Mr. John Connelly; Dr. Patrick Caffrey; Mr. D. L. Waterston, Director of Information; Mr. Kevin Clancy; Dean N. R. Richards; Professor Michael Geoghegan; and Mr. Fred Quinton, Dean's Office, OAC.

## Student loans increase

Loans to students under the Canada Student Loans Plan will be raised from a maximum of \$1,000 a year to a maximum of \$1,400. The most any one student can borrow in total will be raised to \$9,800 from \$5,000. Prime Minister Pierre Trudeau announced the increase during an address to the federal-provincial conference of first ministers dealing with unemployment and the economy. The loan program began in 1964 following a campaign promise by Lester Pearson. It is financed by the federal government and administered by the provinces.

## Christmas holiday

Christmas holidays at the University will begin on Thursday, December 23 at noon and continue to Monday, December 27. Operations will resume on Tuesday, December 28.

New Year's holidays will commence Thursday, December 30 at noon and continue to Friday, January 1. Operations will resume on Monday, January 3, 1971.

## Film society

This Friday, November 26, the Guelph Film Society presents a film immensely entertaining, shudderingly suspenseful and historically significant.

*The Cat People*, released in 1942, revolutionized the American horror film then in its doldrums, with the introduction of careful, suspenseful build-up, the aura of doubt and the "unseen terror."

Accompanying the feature will be Charlie Chaplin's *The Floorwalker*.

Cost of admission is only 5U with a Membership Card, available at the door for \$1.00.

Showtime is at 8:00 p.m., Physical Sciences, 105.

The title of the film for the annual Christmas children's matinee and the admission policy for the show will be announced at this performance.

## One act plays

On December 1 and 2 at 8:00 p.m. in the Drama Workshop, the Division of Drama will once again present two one-act plays. *Pigeons* by Lawrence Osgood, is an absurd comedy directed by Dram, student Wayne Morris. The play makes a social comment on people breaking away from "the natural order of things." The cast is made up of three characters who weave in and out of an absurd situation.

*Fumed Oak* by Noel Coward is directed by staff member Mrs. E. Easterbrook and the cast is drawn from her Production II acting class. The play is described by the playwright

as an "unpleasant comedy." It is one of a series of nine one-acts which appeared under the title of *Tonight at Eight Thirty*.

Price of admission for this evening of one-act plays is 50¢ (and tickets are available from the Arts building Central Box Office).

Following these two plays there will be on December 7 and 8 a production of *No Exit*, a play by Jean Paul Sartre. Admission will be free.

## Urban study scheme

In the fall of 1971 the Federal Urban Affairs Secretariat announced that it will spend \$3.38 million to help the City of St. John's Newfoundland rebuild and renovate the 416-acre Mundy Pond area. This is an older scattered residential area about one mile northwest of the Water Street business area and extends out into the rural fringe. This implements a detailed Urban Renewal Scheme for which Professor Norman Pearson Director of the Centre for Resources Development, served as consultant and which he directed in 1966. The project was delayed by the "freeze" on all urban renewal schemes imposed at the time of the Hellyer Task Force on Urbanization and Housing.

## Employment interviews

The Travellers Insurance Company and The Upjohn Company of Canada will be on campus November 25; the Prudential Assurance Company Limited on November 26; Deloitte, Haskins and Sells on November 29; United Cooperatives of Ontario and North American Life Assurance Company on November 30; and the Ontario Department of Transportation and Communications on December 1 for job interviews. For further information contact the Career Planning and Placement Office, Room 160, Johnston Hall.

## Animal science visitors

During the past two weeks groups from many different countries and from other provinces in Canada have visited the Department of Animal and Poultry Science.

The visitors came to talk to the faculty about their research programs and also to view the various teaching and research facilities.

The Saskatchewan Dairy Farmers Group visited the Elora Dairy Cattle Research Centre and toured facilities on campus. Animal Science students from the University of Laval and from the Agricultural Institute of Technology at St. Hyacinthe were here. This is an annual trip for the animal science majors from these two institutions and they come to the University of Guelph in order to meet the faculty and to talk about teaching and research programs in their field of study. This group

visited the Elora Research Station and the Animal Science building on campus. A group of 35 dairy cattle breeders from Italy toured the Elora Dairy Cattle Research Centre as one of many stops in Ontario in order to get an appreciation of current research under way at the University of Guelph. A number of small groups from Mexico, France and Holland have also been on campus to talk about research and service programs in dairy cattle breeding, artificial insemination, and nutrition.

From the Department of Animal and Poultry Science, Dr. D. G. Grieve, Dr. M. G. Freeman, Dr. J. C. Rennie, Dr. J. W. Macpherson were involved in the discussions with these various groups.

## University choir

The University of Guelph Choir is presenting its Christmas Concert on Wednesday, December 1, in War Memorial Hall, at 8:30 p.m.

Under the distinguished leadership of Nicholas Goldschmidt, the 70-voice Choir will include Vivaldi's "Gloria" and selections from Berlioz's "L'Enfance du Christ", with soloists Vivian Brown, Ann Dlugokecki, Michael Gernla, Nickolaus Kaethler, Gordon MacDonald, Robert Missen and Nagisa Yamashiro. Dr. George Brough of Toronto will provide piano accompaniment.

Tickets are available at Central Box Office, 824-4120, Ext. 3940, General \$2.00, Students \$1.00.

## Madrigal singers give concert

The University of Guelph will present the Madrigal Singers in a Thursday noon-hour Christmas concert on December 2, at 12:10 to 12:45 and 1:10 to 1:45 p.m. in the Music Room of the Arts building.

This small chamber choir, under the direction of Dorothy Hogan, has established a reputation over the past six years for its interpretation of Renaissance and early Baroque works. Madrigals, motets, and cantatas of the period have been performed by The Madrigal Singers for the first time in this area.

The program for December 2 will include motets and carols by Byrd, Victoria, Lassus, Costeley and other European composers. Of special interest is the *German Magnificat* by the great German master, Heinrich Schuetz.

The full program will be presented the following week at Saint James the Apostle Anglican Church in Guelph on Friday, December 10 at 8:30 p.m. In addition to repeating the above works, The Madrigal Singers will add a string ensemble to realize Christmas cantatas by Schuetz and Buxtehude. Featured soloists at the Saint James concert will be Robert Missen, tenor, and Esther Ewing, soprano.

## Two old safes uncovered

Two safes, each weighing six tons and decorated in gold lettering with a coloured landscape on both the inside and outside of the doors, have had a lifetime of use on campus. One is situated in the Older Than Average Students' Lounge in the Physics Annex, and the other is in the Co-Op Store in the basement of Johnston Hall.

Both safes, which have Ontario Agricultural College printed in coloured letters, originated in Galt at the Goldie & McCulloch Company.

Mr. R. D. Fowke, who joined the staff of the Bursar's office in 1922, reports that one of these safes was in use at that time in the office which was located in the original Johnston Hall.

In 1929 the Ontario Government decided to replace the original Administration building which, like Topsy, just grew and grew. From the original Stone farm house, the building had been made larger with the addition of wings and floors until it was a maze of levels with tremendous heating problems. The decision was made to tear down the building and construct a new one.

While construction was going on the administration offices were moved to the Horticulture building. The safe moved with the staff.

In the new Johnston Hall several walk-in vaults were constructed (one is now in use as the wine cellar for the Faculty Club and the others provide storage space in the OAC administrative offices).

The old safe, no longer needed but still useful, was put in the basement of the new building for the use of the Student Co-Op. It is still there.

With the advent of the Second World War, the Air Force used the campus for the training of personnel. Australians and New Zealanders with the Commonwealth Air Training Com-

mand, Radio Technicians and men from the RCAF School of Cooking were housed and trained here. Johnston Hall was one of the several campus buildings used by the Air Force and the College administration was again moved to the Horticulture building. With this move the second safe which had been in use in the Department of Field Husbandry was put to use by the administrative staff.

After the War when the administration staff returned to Johnston Hall, the safe was requisitioned by the Department of Animal Husbandry and transferred to that Department's building (now the Physics Annex).

Professor George Raithby, former Head of

the Department, reports that the safe was not in use for a time and the record of its combination was lost. However, Professor Raithby says the safe was needed to keep the monies from the cattle sales as well as important records, and a man was sent from the Galt firm to determine the safe's combination. The safe was then in constant use until the Department of Animal Science moved to its present building.

This safe has been declared surplus and is being registered with Mr. Dave Murray, Traffic and Stores Coordinator, as such. It now will be offered on campus for departmental uses. If not accepted it may be offered for private sale. Anyone wishing further information regarding the safe may contact Mr. Murray at Ext. 3766.

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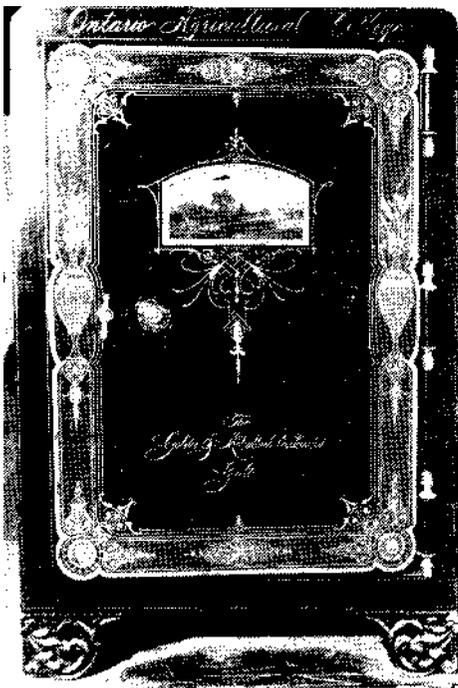
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Yadava, R. P. S., M. V. Smith, 1971. Aggressive behaviour of *Apis mellifera* L. workers toward introduced queens. I. Behavioural mechanisms involved in the Release of Worker Aggression. Behaviour, XXXIX, pp 2-4. (Environmental Biology)

Sutton, J. E., 1971. Aerated steam for control of disease-causing microorganisms in soil. Department of Environmental Biology, Circular. (Environmental Biology)



# FACULTY ACTIVITIES

Dr. **R. W. 011erhead**, Physics, attended the fall meeting of the Nuclear Physics Division of the American Physical Society in Tucson, Arizona. He presented a paper entitled, Study of energy levels in  $^{235}\text{U}$ , describing recent nuclear structure research at Guelph in collaboration with Dr. D. C. Kean, Mr. M. B. Thomson, and Mr. R. Gorman.

Dr. **I. L. Nonnecke**, Horticultural Science, attended the Bean Genetics Conference in Milwaukee, Wisconsin.

Professor J. T. Sykes, Horticultural Science, presented a lecture to the Members Association, Royal Botanical Gardens, in Hamilton on Plant collecting in the Garden of Eden — International perspectives of germ plasm conservation.

Professor Gene Chu, Fine Art, is exhibiting one etching and one colour lithograph in the 31st annual exhibition of the Tom Thomson Memorial Art Gallery and Museum of Fine Art, Owen Sound.

Dr. **Lesley Willis**, Department of English, attended a conference on Editorial Problems in the Romantic Period at the University of Toronto.

Dr. Jakob Amstutz, Philosophy, attended a conference of the North American Chapter of the International Association for Religious Freedom in Concord, Massachusetts. He delivered a lecture on transcendence in contemporary European philosophy. **Dr. Amstutz** also attended a meeting of the Swizz Society for Depth Psychology in Berne, Switzerland, and delivered a lecture on Faust and die Geschichte des westlichen Bewusstseins.

Professor B. L. Raktoc, Mathematics and Statistics, who is a visiting lecturer at Cornell University this semester, spoke on invariance and randomization in fractional replication, at the University of Delaware.

**Dr. Peter Duda, Dr. Wayne Gatehouse, Dr. Harry Hurwitz, Dr. Michael Matthews, Miss Dale Willows, and Dr. Dan Yarmey**, Psychology, attended the 12th annual meeting of the Psychonomic Society, St. Louis, Missouri. Dr. Matthews presented a paper entitled, Facilitation and inhibition of letter recognition by an annulus. Dr. Yarmey, in association with Lynda Sayer, (now at Queen's) presented a paper entitled, Subject-produced pictures vs. word labels in paired-associate learning.

**Professor J. B. Robinson**, Environmental Biology, addressed the Guelph Branch, Ontario Institute of Agrologists at a dinner meeting in Hespeler on agricultural wastes. He also gave the address at the commencement exercises of Fenelon Falls High School.

**Dr. F. L. McEwen**, Environmental Biology, spoke to the Huronia Branch, Ontario Institute of Agrologists at Clifford on, The state of the art in pest control and to a seminar at Vine-land, The role of the University scientist in plant protection research.

**Dr. G. Hofstra**, Environmental Biology, attended 2nd National Biological Congress, Miami Beach. He also visited Duke University and presented an invited seminar on, Effect of road-salt on plant growth.

Dr. L. V. Edgington, Environmental Biology, chaired a session of the meetings of the Eastern Division of the American Phytopathological Society, Yonkers, New York. **Dr. Zvi Solel**, post-doctorate fellow with Dr. Edgington, presented a report Method for studying transcuticular movement of fungicides. Mrs. Jan Schooley, post-masterate fellow with Dr. B. H. MacNeill, presented a report, In vitro development of dodine tolerance in *Venturia inaequalis*.

Professor **G. F. Townsend**, Environmental Biology, spoke to Arkell W.I. on his recent trip to Russia, and addressed the Fergus Rotary Club on An African bee safari.

Professor J. A. LaDu, Hotel and Food Administration, attended the 56th National Hotel and Motel Exposition at the New York Coliseum, and a session of the 23rd Annual Ontario Motel Association Convention at Niagara Falls, Ontario.

**Professor G. D. Bedell**, Director, Hotel and Food Administration, addressed the November meeting of the Food Service Executives' Association of Montreal, on various aspects of the University of Guelph program in Hotel and Food Administration.

Professor **F. H. Theakston**, Engineering, attended the executive meeting of the North Atlantic Region, American Society of Agricultural Engineering, Syracuse, New York. Professor Theakston is the Director for this Region. Professor Theakston also attended the Student Rally, American Society of Agricultural Engineers, held at the Nova Scotia Agricultural College, Truro, Nova Scotia and the Nova Scotia Technical College, Halifax, Nova Scotia. He gave an illustrated talk on evolution and future of farm buildings in Canada.

**Dr. F. Lotz**, Biomedical Sciences, recently attended the New York Academy of Sciences Conference on Platelets and Their Role in Hemostasis in New York.

Dr. Gianni Bartocci, Languages, spoke recently to the students of Italian of Bishop MacDonnell High School, Guelph, on *Lingua e poesia*.

**Professor John Carson**, Political Studies, recently took part in an international seminar held at Rungsted, Denmark, under the joint auspices of the Atlantic Information Centre for teachers and the Danish Atlantic Committee. The subject of the seminar was, Approaches to learning about collective security and conflict and was for the benefit of NATO secondary school teachers. Professor Carson contributed a paper on defence technology with Allan McKnight, Senior Research Fellow, University of Sussex.

Dr. Eugene Benson, English, presented a paper, Canadian Universities: problems and solutions at a recent conference held at Bishop's University, Quebec. The theme of the conference was The Role of the University in Modern Canadian Society. The proceedings of the conference will be published.

## Report from Senate

*Continued from page 2.*

that a regularly scheduled meeting of a class or section should hold priority over a proposed mid-term examination if there should be a conflict of time. It was also approved that mid-term examinations if held outside regularly scheduled meetings of the class concerned must be cleared with the office of the Registrar.

The resignation of Dr. G. K. MacLeod from the B.Sc. (P.E.) program committee was accepted

He is also a member of the Committee on Student Petitions and a Senate Bylaw now prohibits simultaneous membership of a Program Committee and the Committee on Student Petitions.

### Graduation and Ceremonials

Senate agreed that for the purpose of voting on nominations for a recipient of an honorary degree, members would go into closed session.

### Bylaws

The composition of the Library Committee as proposed by the Bylaws Committee was referred back to the Committee.

The feeling was expressed that students and alumni should be represented.

## GRANTS

Dr. Leslie Henderson, Psychology, has received a National Research Council of Canada Grant for \$4,500 per year for three years to investigate visual information processing.

Dr. H. M. B. Hurwitz, Psychology, has received a National Research Council of Canada award for \$5,000 to investigate estimation of reinforcement value.

## NEXT WEEK AT GUELPH

### THURSDAY, NOVEMBER 25

**Discussion** — SOME INTRODUCTORY REMARKS ON LE BOURGEOIS GENTILHOMME, by Professor John Jull, Languages. 4 p.m. Music Room 107, Arts. Free and all welcome.

**Seminar** PATHOGENIC ENVIRONMENTAL POLLUTANTS, by Dr. Svend W. Nielsen of Department of Animal Diseases, University of Connecticut. 4:15 p.m. Room 508, OVC.

**Seminar** — METABOLIC ASPECTS OF PARTURIENT PARESIS IN CATTLE — HORMONAL, SKELETAL AND INTESTINAL, by Dr. H. E. Black, Department of Veterinary Pathology, Ohio State University 8:45 p.m. Room 306, OVC.

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

### FRIDAY, NOVEMBER 26

**Seminar**— CANINE OCOLOGY, by Dr. Svend W. Nielsen, Department of Animal Diseases, University of Connecticut. 11 a.m. Room 508, OVC.

**Seminar** — PROGRAMS OF THE SOIL RESEARCH INSTITUTE, by Dr. J. S. Clark, Director of the Soil Research Institute, Ottawa. 3:10 p.m. Room 22, Soil Science.

**Meeting**— COLLEGE HEIGHTS COMMUNITY CREDIT UNION 25TH ANNUAL MEETING. Dinner — 6:30 p.m. Macdonald Hall. 8:30 business session.

**Film** — THE FLOORWALKER, with Charlie Chaplin, and THE CAT PEOPLE, a horror film. (See story in this issue of News Bulletin).

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

### SUNDAY, NOVEMBER 28

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

**Worship** — R.C. MASS. 11 a.m. War Memorial Lounge.

**Film** — JOE, 7 & 9 p.m. War Memorial Hall. Free with Impact Card.

### MONDAY, NOVEMBER 29

**Lecture**— NEURO-MUSCULATURE CONTROL OF HEAD MOVEMENT IN THE LOCUST, by Dr. P. Shepherd, Zoology. 4 p.m. Room 128, Botany-Zoology.

**Course** —SOIL FERTILITY COURSE, Contact: Dr. E. Beauchamp, Land Resource Science.

### TUESDAY, NOVEMBER 30

**Colloquium** — HUYGENS' PRINCIPLE, by Professor R. G. McLenaghan, Department of Applied Mathematics, University of Waterloo. 4 p.m. Room 201, Physical Science.

### WEDNESDAY, DECEMBER 1

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

**Film Show**— ARK II, introduced by E. Richardson, Toronto District Manager. Digital Equipment Corporation. 12:15 p.m. Room 212, Institute of Computer Science.

**Series** — MARRIAGE SERIES, with Don Amichand on Mixed Marriages. 8 p.m. 8th floor lounge, Arts.

**Meeting** — STUDENTS' WIVES CLUB. Demonstration on "do it yourself" Christmas decorations. 8 p.m. 9th floor lounge, Arts.

**Drama** -- PIGEONS & FUMED OAK, two one-act plays by the Drama Workshop. Tickets at 50¢ available at the Campus Box Office. 8 p.m.

**Concert**— UNIVERSITY OF GUELPH CHOIR CHRISTMAS CONCERT. 8:30 p.m. War Memorial Hall. Nicholas Goldschmidt, leader. General admission -- \$2 and students — \$1. Tickets available at the Campus Box Office, Ext. 3940.

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

### THURSDAY, DECEMBER 2

**Music** — THE MADRIGAL SINGERS, conducted by Dorothy Hogan. Noon Hour Concert Series. 12:10 to 12:45 and 1:10 to 1:45. Music Room 107, Arts.

**Course** — TIME SHARING OPTION (TSO) CONCEPTS, Mr. Harvey Ring, of IBM, 4:30 p.m. Institute of Computer Science. For further information call Ext. 3701.

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



Miss Helen McKercher, Director of the Home Economics Branch, ODAF, and Mrs. Austin Zoeller, President of the Federated Women's Institutes of Ontario, were on campus recently to present the Women's Institute Entrance Awards for 1971 to students in the Bachelor of Applied Science program. Shown following the presentation, front from left: Beverley Piercey, R. R. 5, Bolton; Laurel Bain, R. R. 3, Stratford; second row: Dr. Janet Wardlaw, Dean of the College of Family and Consumer Studies; Sylvia Blackwell, Walkerton; Jane Gartley, R. R. 3, Brussels; Mrs. Zoeller; third row: Mary Michels, R. R. 4, Wolfe Island and Carol Kellan, R. R. 2, Brantford.



The Fine Art students involved with print making are having their third print sale on campus. The works, all original student work, will include silk screens, etchings, wood cuts and lithographs. The sale, to be held in the Stoa of McLaughlin Library, will open on Thursday, December 2 from 9 a.m. to 9 p.m., and continue Friday, December 3 from 9 a.m. to 6 p.m. The proceeds from the sale are used to purchase master prints for the print shop. Students are shown above preparing a piece of work for the sale.