

Getting the students into the field

Soils course a unique study opportunity

The Ontario Ministry of Natural Resources wants a job done requiring 1,600 man years and the University may be in an excellent position to provide the personnel. The job is a soil survey for intensive forest management of an estimated 38 million hectares of northern Ontario where, at present, there is little or inadequate soils information.

The Department of Land Resource Science already offers the only university degree in soil science in Ontario. Starting in September, Land Resource Science professor L.J. Evans will introduce a third year course, Soils Field Camp 87-321, which will not only give students an opportunity to study soils intensively in the field, but also train them in the methodology of soil surveying.

The need for such a course was brought home to Prof. Evans last spring when he assisted at a soil survey training program at New Liskeard, conducted by the Ministry of Natural Resources with the assistance of the Ontario Institute of Pedology. Of the 40 persons from various backgrounds attending only five were from the University of Guelph and only one of these was majoring in soil science. Yet all were taking this crash course in soils in order to get out and produce soil maps of various parts of northern Ontario, according to Prof. Evans. It seemed to him that a course on the methodology of describing soils, soil mapping procedures, objectives of soil survey and aerial photo and soil survey map interpretation would produce not only a better trained soil surveyor for the work at hand, but also a person with a better appreciation of soil survey maps. The University, with its unique expertise in this area, particularly through its close association with the Ontario Institute of Pedology, seemed like a logical one to offer such a course.

The only prerequisite for Guelph's course is the Department's Introductory Soil Science 87-200. Open to a maximum of 30 students, Soils Field Camp will begin with six days of learning techniques, field trips and review. Following an examination of this segment, the students will spend three weekends out in the field in the vicinity of Guelph applying their newly gained knowledge in mapping an

area to produce a soil map at various scales. Their final mark will be based on what they received on their exam and on the results of their mapping project.

The greatest advantage of this course, says Prof. Evans, is in getting students into the field where they can see the physical conditions and problems first hand and understand the whole process of mapping and interpreting soil survey maps much more clearly than is possible in the classroom. Prof. Evans envisages Soils Field Camp as becoming a core course for soils majors and an elective for others.

Recently, the Ministry has recognized that the University, through its association with the Ontario Institute of Pedology, will be of considerable help in its mapping project, says the professor. A considerable sum of money has already been allocated to the Ontario Institute of Pedology for this purpose.

But why the great rush to make a soil survey of northern Ontario and why such a finely detailed one? By comparison, the soil survey map of southern Ontario, completed under the co-operation of Agriculture Canada and OMAF, was drawn to a scale of 1 to

63,360, whereas the map projected for northern Ontario is to be on a proposed scale of 1 to 15,000.

The answer, says Prof. Evans, is that, with the pressure on to find new energy and pulp reserves, the government sees the importance of its forest regions as never before. Until recently the forests of the north were more or less mined rather than managed. Formally, companies could harvest their timber needs with little responsibility to regenerate the area. The onus was on the government to regenerate and repair. With more detailed soils information on the northern productive forest areas or potential forest areas, the government can readily determine where intensive forest management practices might be economically feasible and Ontario's overall timber production increased. British Columbia and Sweden have already taken similar action, he explained.

Wood is becoming increasingly important, not just for traditional fuel uses, but in the manufacture of gasohol, the professor points out. Such a soil survey, therefore, is considered an important aid in meeting future energy needs. □



A Soils major carries out a soil profile description at a site in southwestern Ontario.

Symposium to encourage IDRC/university links

Over 150 carefully selected scientists and researchers from southwestern Ontario have been invited to participate in an on-campus symposium April 23 on "Research for Third World Development." Co-sponsored and hosted by the University of Guelph in cooperation with the International Development Research Centre (IDRC), Ottawa, the symposium will focus on the role of IDRC in international development research. It will provide scientists from Brock, Guelph, McMaster, Toronto, Waterloo, Western, Wilfrid Laurier, Windsor, York universities and Ryerson Polytechnical Institute with information on significant IDRC policies and programs.

Primarily, IDRC sponsors research in institutions in developing countries, but there is some collaboration with Canadian universities. The purpose of this symposium is to enable IDRC to acquaint the university community in this region with what IDRC is doing. It is hoped the participants will then be able to relate the IDRC work to their own research, and links will be forged between the IDRC and the universities represented. A greater awareness of IDRC will be promoted in the universities, according to the director of the Centre for International Programs, Professor John Cairns, and a greater appreciation of related research going on at these Ontario institutions will be conveyed to the IDRC, he says.

The symposium will commence with an overview of the key research priorities of the four IDRC divisions: health sciences, agriculture, food and nutritional sciences, information sciences and social sciences. This will be followed by specific programs within each division. The final portion of the symposium will deal with "The Planning and Evaluation of the Research Function."

Professor Howard Clark, Vice-President, Academic, will open the symposium, and the

key-note speaker will be Ivan Head, President, IDRC.

The IDRC was established by the Parliament of Canada in 1970 as an autonomous public corporation to stimulate and support research for the benefit of developing countries. With headquarters in Ottawa, the IDRC's 21-member Board of Governors is appointed by the Canadian government. The IDRC Act stipulates that the chairman, vice-chairman, and nine other governors must be Canadian citizens. In 1979, six of the 10 non-Canadian governors were from developing countries, and the staff is international. IDRC is funded by the Canadian International Development Agency (CIDA).

Research supported by IDRC is directed at improving the well-being of people in developing countries by adapting and applying science and technology to their needs in fields that directly affect their day-to-day lives. □

RECYCLE your old paper, tin and glass. The Guelph branch of the Ontario Public Interest Research Group will be collecting recyclable material in Branion Plaza April 7 to 11 from 8 a.m. to 6 p.m. daily and on April 12 from 9 a.m. to 5 p.m. On Thursday, April 10, G-OPIRG will sponsor a display and entertainment in the Bullring.

THE BEST OF GUELPH'S ATHLETES were honored at the first annual co-educational varsity awards banquet held in Peter Clark Hall recently. Recipients of the two major awards, Male and Female Athletes of the Year, were Ken Hawthorne of Bracebridge and Candy Clarkson of Brantford.

Hawthorne, a cross-country skier, captured first place at the OUAA meet in the 15 kilometre and also won the Ontario Open.

Clarkson led the women's basketball team to an OWIAA provincial championship, then to the CIAU national tournament. She is also a member of Canada's women's Olympic basketball team.

Exhibition on Survival Atlantic Style

The exhibition, "Survival Atlantic Style," is on show at the McLaughlin Library to April 21. "Survival Atlantic Style" consists of prints, photographs, drawings, paintings and sculpture.

"Survival," organized by the Mount St. Vincent University Art Gallery in Halifax, Nova Scotia, was put together from choices made by Barry Lord. Mr. Lord, author of the book *Toward a People's Art*, also wrote the catalogue essay for the exhibition. The aim of the exhibition was to stimulate artists to produce works on the theme of the social reality of chronic unemployment, pointing out the challenges of underemployment and survival in the Atlantic provinces.

In the accompanying catalogue, Mr. Lord discusses the social climate of the Maritimes,

as well as the history of different industries. He also sees the exhibition as encouraging the focus of artistic subject matter toward social reality and human substance — art as reflective of daily life.

Sixteen artists are represented in the exhibition. They were all chosen for their roots in their communities and their capacity, as seen by Mr. Lord, to have made social statements in previous work. Each artist was asked to produce work that best reflected the theme of the exhibition and they have all created a very personal interpretation of what it is like to "just get by" in their region.

For further information, and to acquire a copy of the catalogue, telephone the Office of the Curator of Art, Ext. 3158. □

OSAP increase is announced

Personal and living allowances will be increased from \$65 to \$72 per week for students receiving grant assistance under the Ontario Student Assistance Program (OSAP). This increase applies to students studying away from home in the 1980-1981 academic year. In making the announcement the Hon. Bette Stephenson, Minister of Colleges and Universities, stated that the increase is expected to cost the Ontario government an additional \$7.9 million.

Applications for the 1980-1981 OSAP are expected to be available in early April. Interested applicants can obtain their copy through the Registrar's Office or at their high school or directly from the Ministry.

In a press release, the Minister reaffirmed that the increased cost of tuition at Ontario universities would be met through OSAP for qualifying students. OSAP is primarily designed to assist those students from low income families. The program consists of three main plans: the Ontario study grant plan, the Canadian student loan plan and the Ontario student loan plan.

Students whose parents have gross assets in excess of \$250,000 will not be precluded from applying for assistance. During the 1979-1980 year such students could only apply upon appeal. The Minister stated the main focus of the program with respect to assets will consider the net assets of the parents.

No other changes are planned for the 1980-1981 program. A federal/provincial task force on student assistance is under way and Dr. Stephenson wants to see the report and the federal position before making further revisions.

Dr. Stephenson announced at the same time that the loan remission plan will reimburse eligible students at the rate of 50 per cent of the principal of Ontario and Canada Student Loans, subject to a deduction of \$500 per term. The money will be repaid on behalf of qualified applicants as a type of retroactive grant. This temporary plan ends with the 1979-1980 academic year and the final deadline for applications is July 31, 1980.

The Keeper of Manuscripts at the National Library of Scotland, Dr. Ian Rae, will visit the University's Department of History Tuesday, April 15 to Monday, April 21.

Dr. Rae, author of *The Administration of the Scottish Frontier, 1513-1603* (Edinburgh, 1966), is one of Scotland's leading historians.

During his visit he will address graduate students in the Scottish Studies program on "The Resources of the National Library of Scotland." He will also give a public lecture.

Anyone interested in meeting Dr. Rae should telephone Professor Ted Cowan, Ext. 3226. □

Meeting of March 27

Tuition fees for 1980-1981 were set at the March meeting of the Board of Governors. Excluding the D.V.M. program, fees will go up an average of 9.8 per cent.

The increases will be implemented in two stages, it was announced at the Board's information session last Friday.

The first increase will be effective May 1, 1980, for the spring semester, and will be an across-the-board increase of 7.5 per cent. This is equivalent to the percentage increase in the formula fee announced by the government. (See *News Bulletin* 80 01 10.)

On September 1, 1980, additional individual adjustments will be made to each degree program. These are allowed to run a maximum of 10 per cent above the formula fee the government previously announced.

Modest additional fee adjustments in the order of 2 or 3 per cent will be applied to most degree programs on September 1. The exception is the D.V.M. program which will receive the full 10 per cent optional increase. Its current tuition fee is significantly lower than the fees for other professional programs at Guelph and elsewhere, it was pointed out at the information session. Vice-president, Academic, Professor Howard Clark, said that in cases of specific hardship among in-course DVM students, special help could be considered.

Charles Ferguson, Vice-President Administration, said that the recommendation for this year's fee structure was not taken lightly. President D.F. Forster met with students and faculty over a two-month period before submitting a revised schedule of tuition fees.

In his memorandum to the Board, President Forster said that careful consideration was given to the extent to which the 10 per cent option could and should be exercised. There was an immediate concern that any substantial increase in tuition fees would adversely affect the accessibility of the university system to many potential students, particularly those from low income groups, he said.

President Forster pointed to the fact that the cost of attending university is substantial and increasing. He noted that the Board had recently approved increases of 7.8 per cent in residence fees and 9.8 per cent in meal contract charges for students in residences. Other costs, such as books, travel and living expenses, have also increased substantially over the years.

In view of these increasing costs, the President said it was felt that exercising the full 18.2 per cent increase would seriously affect many new students and would cause considerable distress to many in-course students. It was also felt, however, that some portion of the optional increase must be implemented.

President Forster also informed the Board that Guelph's fee structure will be re-examined next year in the light of universities' revenue requirements and government policies at that time.

MOTIONS

Tuition Fees

The Board approved the following tuition fees:

	Effective May 1	Effective Sept. 1
Full-time undergraduate fees		
Program		
B.A. - Honors	\$387.00	\$395.00
B.A. - General Studies	387.00	395.00
B.A. - Unclassified	387.00	395.00
B.Sc.	393.00	402.00
B.Sc. (H.K.)	393.00	400.00
B.Sc. (Agr.)	382.00	390.00
B.Sc. (Eng.)	420.00	430.00
B.A.Sc.	382.00	390.00
B.L.A.	457.00	460.00
B.Comm.	382.00	393.00
D.V.M.	382.00	420.00
Part-time undergraduate students		
Per course	91.00	93.00
Full-time graduate students		
Per semester	287.50	295.50
Part-time graduate students		
Registration component	96.50	98.50
Course-equivalent component	95.50	98.50
Maximum	287.50	295.50
Visa students		
Non-exempt full-time undergraduate students - per semester	806.00	806.00
Non-exempt part-time undergraduate students - per semester	161.00	161.00
Non-exempt full-time graduate students - per semester	700.00	706.00
Non-exempt part-time graduate students		
Registration component	100.00	100.00
Course-equivalent component	300.00	303.00
Maximum	700.00	706.00

OFS Fee

The Board approved that the collection of a fee paid by full-time undergraduate students to the Ontario Federation of Students be increased to \$1.50 per semester, effective May 1, 1980.

A referendum was held in March to approve the increase in the fee from 75 cents. The OFS is the only provincial organization of students which expresses the concerns of both university and college students directly to the Ontario government and specifically to the Ministry of Colleges and Universities.

Guelph students have been members of the OFS since 1974, and, along with 160,000 students from 15 universities and four community colleges, make up the membership of the OFS.

Harrison House

The Board approved the renaming of University building #102 as "Harrison House." The renaming is in accordance with recent past practices of naming University buildings after people who have had impact on the early development of the institution. This building, located at 372 College Avenue

East, will be named after Roy Harrison.

Mr. Harrison served the OAC and the University for 52 years before retiring in 1976. Over the decades, Mr. Harrison devoted much effort to ensure that the dairy animals, for which he cared, were shown at their peak of condition at the many livestock parades that took place at the College. He was also extensively involved in preparing animals for teaching purposes.

Report of the Membership Committee

The Board approved the appointment of Walter Hanbidge to a three-year term on the Board, effective July 1, 1980. Ken Murray and Ken Hammill will retire from the Board on completion of their terms of office June 30, 1980. One of these vacancies will be filled by the election of a second student, and Mr. Hanbidge, president and director of BP Canada and an OAC '48 graduate, will fill the remaining vacancy.

Appointments

The Board approved the following appointments:
 Arts - History professor David Murray will be acting dean of the College of Arts from July 1, 1980, to June 30, 1981. Prof. Murray will take up the post when Dean Tom Settle completes his term.
 OAC - Professor John Milliken will be acting director of the School of Landscape Architecture for one year beginning August 1, 1980. Prof. Milliken will be filling in for Professor Cameron Man who will be on administrative leave following the completion of his first term as School director.
 Social Science - Professor Doug Auld will be acting chairman of the Department of Economics from April 1, 1980 to June 30, 1980 while Professor John Vanderkamp is visiting professor in the Canadian Studies Program at Hebrew University in Jerusalem. (See *News Bulletin*, 80 02 28.)

Capital Project Status Report

Roof steel is completed on the north addition and is proceeding on the south addition to the Macdonald Stewart Community Art Centre. Work is slightly behind schedule but is still expected to be completed for a fall opening.

All interior finishing trades are now in progress in the Small Animal Clinic extension which is expected to be completed by the end of this month.

The bio-chemical laboratory in the Horticultural building is substantially complete. Final completion is delayed by delivery of a main air conditioning unit which is expected April 24.

Tenders will be called for mid-April for the bio-control laboratory in the Environmental Biology building. □

MANPOWER, temporary services, is offering a two-week brush-up course in typing for university students who have office experience and who wish to work for Manpower this summer. After the course, you will be sent out on temporary assignments. For further information, telephone 416-922-2847.



ONE OF THE FOUNDERS OF THE OAC,

William Johnston of Guelph (1848-1885), is one of the nine pioneer agriculturists to be recognized this year in the Hall of Fame Gallery at the Ontario Agricultural Museum in Milton. The unveiling ceremony will be held June 1.

Also among the nine candidates, all deceased, are a Guelph graduate, agricultural extension leader, James A. Garner, Toronto (1898-1958), and a Guelph honorary degree recipient, Dr. Ethel Champman, Toronto (1888-1976), who was a well-known home economist, journalist, author and youth leader.

THE CARDIO-VASCULAR CLUB, conducted at lunch time exercise session by Human Kinetics professor John Powell, in the wrestling room of the Athletics building, will soon be moving out of doors. If you wish to join, see Prof. Powell. Take with you a current medical certificate indicating your doctor's permission to take part in regular, rhythmic physical activity.

THE FOCUS ON POLITICAL CRISIS series will examine the Afghanistan situation during a panel discussion Tuesday, April 8 at 1:15 p.m. in Room 103 of the University Centre.

"The Afghanistan Crisis, 1980: From Dentente to Cold War?" will be moderated by Political Studies professor J.M. Little. Discussants are Political Studies professors O.P. Dwivedi, F. Eidlin and J.F. Melby.

The public is welcome to attend and audience participation is invited in the form of written questions submitted to the moderator before or during the actual program. The session will be video-taped and shown on Cable 8 television, Tuesday, April 14 at 8:30 p.m. and Thursday, April 17 at 8 p.m.

THE HUMANITIES ASSOCIATION OF Canada, Guelph chapter, is presenting a public lecture by Political Studies professor Fred Vaughan on "Shakespeare at the Founding of Canada" Friday, April 11 at 8 p.m. in Music Room, 107, Arts building. The meeting is open to everyone. Admission is \$1; members free. Plans for the autumn lectures will be announced at this meeting.

THE COLLEGE WOMEN'S CLUB year will end with a dinner and annual general meeting at the Holiday Inn in Guelph May 6. Tickets at \$7.50 will be available at the April 8 meeting.

GEOFF MUNGHAM, senior lecturer in sociology at the University College in Cardiff, Wales, and visiting associate professor in sociology at Queen's University, Kingston, will present a colloquium on campus April 8. Entitled "Radical Criminology and Public Policy," this presentation will be held in Room 116 of the Arts building at 3 p.m. Everyone is welcome to attend this event, sponsored by the Department of Sociology and Anthropology.

NO OTHER SEASON offers as many bright stars as spring. There are 11 first-magnitude stars present at this time, as well as the easily seen constellations of Gemini, the twins; Leo, the lion; Bootes, the herdsman, and Virgo, the virgin.

One of the education programs offered at the Arboretum this season is an introduction to stargazing and the movements of the heavenly bodies, Wednesday, April 30, 8 p.m. at the Arboretum Centre. Bring your binoculars and wear warm clothing. Alan Watson will conduct a two-hour workshop, even if the night is cloudy.

"Prevention Preview" newsletter addresses physicians

The proverbial ounce (or milligram) of prevention may become a more realistic prescription among Canadian health professionals through the influence of a new quarterly newsletter, *Prevention Preview*. Family Studies professor Jean Sabry is co-chairman of the editorial advisory board which is made up of distinguished Canadian health professionals.

Prevention Preview made its debut in the fall of 1979 and its first three issues prompted a deluge of favorable letters from doctors, medical students and dietitians. The first issues focussed on coronary disease, obesity and diabetes, three of Canada's most pressing health problems.

The newsletter is mailed free to about 23,000 family physicians, internists, dietitians, nutritionists, nurses, Provincial Ministries of Health and medical school libraries. Ilene Shevach, R.N., M.P.H., editor of *Prevention Preview*, said the response has been overwhelming, with comments like "right on target," "long overdue," and "valuable information." "Medical school libraries have requested to be put on the mailing list," says Ms. Shevach, "and that's the highest compliment we could receive."

Going beyond traditional "medicine," *Prevention Preview* focusses on nutrition, life-style, fitness and attitude in health maintenance and health promotion. Prof. Sabry

feels the newsletter is "an effective way to demonstrate to the medical profession the essential role of nutritionists/dietitians in the health delivery system."

This unique publishing venture is produced by Health Marketing Systems, Inc., and supported by independent grants from the Canada Starch Company Ltd. and Standard Brands Canada Ltd. Editorial content is entirely at the discretion of the editorial advisory board.

Joining Prof. Sabry as co-chairman of the editorial advisory board is Paul J. Lupien, M.D., professor and director of the Lipid Research Centre, Laval University. Other members are: Joseph F. Angel, Ph.D., associate professor of nutrition and biochemistry, College of Medicine, University of Saskatchewan; Janet Polivy, Ph.D., assistant professor, department of psychology, Erindale College, University of Toronto; J. Alick Little, M.D., professor, department of medicine, St. Michael's Hospital, University of Toronto, and David L. Montgomery, Ph.D., assistant professor, department of physical education, McGill University. (Prof. Montgomery received a B.Sc. (H.K.) from Guelph in 1970.)

Future issues of *Prevention Preview* will focus on health care delivery, dietary management of glycemia, hypertension and patient compliance. □

"FACS Sheet" looks at children as consumers

Children exert considerable influence as consumers, both by influencing the family's choice of goods and by being on the receiving end of goods and services, from infant formula to music lessons. The latest *FACS Sheet*, "Children in the Marketplace," discusses the unique role of children in the marketplace and the effect of advertising and other influences on children as consumers.

Television advertising directed at children has gone hand-in-hand with the growth of children's programming. Parents and educators are concerned about the quantity and tone of the advertising. Beyond whether or not the advertising is fair, accurate or effective, they question what effect the advertising has on children's attitudes, values and behavior.

Faculty in the College of Family and Consumer Studies are interested in children as consumers because children are qualitatively different from adults. In adults, core attitudes are already set, but in children core attitudes are still in the formative stages. Advertising may affect these partially formed beliefs in an entirely different way and may have a permanent impact on children's attitudes toward life.

Parents may be more influential on their children than television advertising,

even if they often feel powerless, according to the *FACS Sheet*. By responding firmly and consistently to demands by their children, parents can avoid constant nagging and temper tantrums in the grocery store.

Children learn consumer behavior and attitudes from their parents. They also take cues from the parents on more subtle, but more encompassing attitudes about possessions and their role in life.

Although Canadian families are having fewer children, they are spending more on each child, keeping the demand for children's goods and services high.

A more comprehensive understanding of the role of children and the marketplace will come through research by child psychologists and marketing specialists who can work together and learn the techniques and approaches of their respective disciplines. Faculty in the College of Family and Consumer Studies are embarking on research that will lead to a better understanding of children's complex role in the marketplace.

If you would like to receive this and/or future *FACS Sheets*, please contact Mrs. A.V. Campbell, Ext. 2409. The *FACS Sheet* is a regular information service of the College of Family and Consumer Studies. □

Gold medal becomes part of history of the OVC

The OVC received a gold medal recently. It had been awarded to Francis Barbour Lambie in 1903 during his senior year at OVC and was presented by his daughter, Mrs. Elizabeth Lambie Martin, to Professor C.A.V. Barker, Clinical Studies, for inclusion in the College's museum collection.

Dr. Barker has taken on the responsibility in the midst of a busy schedule to gather photos, medals, awards, diplomas and other memorabilia that trace the history of OVC. He has researched extensively the Ontario Veterinary Association, the organization which, among other things, held an open competition and awarded a gold medal every year from 1877 to 1908 to the senior student at OVC who received the highest mark in the general examination.

Searching for information about Dr. Lambie, Dr. Barker turned first to Brussels, Ontario, and from there to Midland, Michigan, where he made inquiries through the city clerk. As it happened, Dr. Lambie's only child, Mrs. Martin, was on a board that chooses jurors for the various courts, a board under the direction of the city clerk, and accordingly, Dr. Barker was put in touch with her.

The contact proved happy. Mrs. Martin offered to donate her father's medal to the museum collection and came up especially from Midland to present it. During her stay she cast more light on her father's life and association with the College.

Dr. Lambie, a native of Motherwell, Scotland, and a graduate of Glasgow College, emigrated to Canada to find his own independence, says Mrs. Martin. He attended the OVC when it was located on Temperance Street in Toronto. A picture Mrs. Martin also added to Dr. Barker's collection shows her father's class flanking Professor Sweetapple, a man with snowy hair and flowing beard, outside the College front entrance. Dr. Barker believes it may be the only picture of the 1876 facade in existence.

Dr. Lambie was an exceptional scholar, winning a number of honors and awards during his College days, and some of these were also donated by his daughter to the museum collection.

After graduation in 1903 at the age of 30, Dr. Lambie went to Midland, but was invited to return to OVC in 1906 to teach four semesters in large animal medicine and therapeutics. He then returned to Midland where he remained in private practice until his death in 1962 at the age of 89.

Among the treasures Mrs. Martin brought with her was a picture exemplifying a tradition during those years at OVC. Every Christmas, with tongue-in-cheek, the students posed beside the sorriest horse carcass in the dissecting room on Richmond Street. Mrs. Martin's picture shows her father, with a magnificent moustache, standing with his classmates — the



Mrs. Martin presents her father's gold medal and an early class picture to Professor C. Barker, Clinical Studies. The material will be included in the College's museum collection.

enormous carcass of an old draught horse lying on the table before them. The only other feature to be seen is a large stove pipe that snakes up the wall and out through the ceiling behind them. "So that's where the heating went through," said Dr. Barker. The building has long since disappeared along with the picture taking tradition.

Although gold medals of any stamp are a rare commodity nowadays, Dr. Lambie's is particularly distinguished in appearance and weight. But Mrs. Martin said she felt its worth as a part of the collection far outweighed its market value to her. She expressed pleasure that it would become part of the continuing history of OVC. □

Chancellor to attend Festival events

Ontario's Lieutenant-Governor, The Honourable Pauline M. McGibbon will attend two events of the 1980 Guelph Spring Festival.

As honorary president of the Edward Johnson Music Foundation, which sponsors the Festival, Dr. McGibbon will attend the Gala Film Award Dinner May 7 at the Holiday Inn, Guelph.

The Award Dinner climaxes the three-day Canadian Film Event which features film screenings and discussions of the creative process by producers and directors. The 7 p.m. feature on May 7 at the Palace Theatre will be the world premiere of the best new Canadian film available. At the Award Dinner afterwards, the First Annual Ontario Film Institute Award for excellence in film will be presented in the presence of the Lieutenant-

THE CTV television network has apologized publicly for airing a report on international students on the W5 program. The apology was made five months after the report "The Campus Giveaway" was aired. The program alleged that foreign students were taking the places of Canadian students in university programs.

CTV is to air another program at a later date that will "let all sides have their say" on the international student situation.

MENTAL HEALTH/Guelph-Wellington, is seeking landlords for patients re-entering the community. If you can offer rooms, room and board, or apartments, please telephone the housing registry, Monday, Wednesday, or Thursday, from 9 a.m. to 1 p.m., 824-5940.

Goods and Services

For Sale — Assorted household items, 822-7394; 1973 Ford Montego, 2-door hardtop, excellent condition, will certify, Bob, 836-3196; 2-wheel bicycle with 16" wheels and training wheels, for ages 4-7, 821-5206; archery equipment, Nikon Photomic FTN, 821-1493; 1975 Dodge van, 3387; P.A. and guitar equipment, keyboard equipment, Dave, 15191 426-9928; new Thomas spray gun, 2174.

Wanted to Buy — Trunk for overseas shipping, W. Harding, 3965; child's wooden wagon, 822-3389.

Accommodation

For Rent — 2 bedroom downtown apartment, newly decorated, backyard, shared parking, 822-2240 or 821-3833; fully furnished 3 bedroom house, near school and park, available June 1 for 6 months or longer, 821-8046.

To Sublet — Large, bright, 2 bedroom furnished apartment, May 1 to August 31, main floor of house on Suffolk, pets allowed, Sharon, 836-3737; 2 bedroom townhouse, May 1 to August 31, Wellington Woods, 836-6214.

For Sale — Beautiful farm on Saugeen River, pictures available, F. Rowland 1519) 471-6338.

Governor, who is also Chancellor of the University of Guelph.

Her Honour will also present the awards to the winners of the National Organ Competition at St. George's Church May 15. A week-long judging process by an international jury will produce three finalists. Each of them will perform an organ concerto by Handel with a string orchestra from the Kitchener-Waterloo Symphony conducted by Raffi Armenian. Two organists will compete for the \$2,000 prize for improvisation. Among the awards to be presented by the Lieutenant-Governor is the Performing Rights Organization of Canada \$5,000 First Prize honoring Canadian organist and composer, Healey Willan.

For information regarding these events, please contact the Guelph Spring Festival, 821-7570, or the box office in the courtyard of the University Centre, Ext. 3940. □

Preston High School to host Science, Engineering Fair

Over 200 students, many of them from Guelph, are expected to take part in the sixth annual Waterloo-Wellington Science and Engineering Fair. The event is being held this year at Preston High School, April 17 to 19.

Entries vary from a home made mechanical robot called "Fred" to a solar water heater and a foolproof burglar alarm. Particularly popular with young scientists, especially the grades 7 and 8 students, are projects on growing things. Exhibits cover the fields of life science, earth science, mathematics and computers, physical science and engineering.

The fair gives grades 7 to 13 students from Waterloo and Wellington the opportunity to develop projects that use investigative research to answer specific questions. Usually the work is initiated in a school science course, but some students enter projects year after year on their own volition. Some of these projects, such as last year's top winner on natural foods, take months to prepare. Brian Hilderley, an Ayr high school student, collected plants all summer to prepare a range of natural products that included coffee, candy, jellies and skin cream.

The fair is sponsored by the Waterloo and Wellington Boards of Education in cooperation with the University of Guelph, University of Waterloo, Conestoga College, Wilfrid Laurier University, area organizations, industries and Rotary Clubs. □

Professor S. Safe, Chemistry, lectured on "The Toxicity of PCB's" to students in the graduate inter-departmental course in toxicology at the University of Toronto.

A. Parkinson, L. Robertson, **Dr. R. Cockerline** and Prof. Safe presented two papers entitled "Induction of Both Cytochromes P-450 and P-448 by 2,3',4,4',5-Pentabromobiphenyl, A Component of Firemaster" and "Structure-Activity Rules for PCB Isomers and Congeners as Hepatic Microsomal Enzyme Inducers" at the Society of Toxicology annual meeting held in Washington, D.C.

Professor Gianni Bartocci, Languages and Literatures, at the invitation of the Department of Romance Languages of McMaster University, recently delivered a lecture on "The Condition of Man in Pirandello."

Professor G. Boehnert, History, recently presented a paper at a symposium on war crimes held at the University of Ottawa. The symposium was sponsored by the Goethe Institute and the Embassy of the Federal Republic of Germany.

Professor Gabriel Karl, Physics, has given several invited talks recently: at the department of physics, University of Michigan, Ann Arbor, Michigan; in the high energy physics division of the Argonne National Lab, Argonne, Illinois; at the Omnis Scientiae Conference, Miami, Florida; at the department of physics, University of Western Ontario, and at the department of physics, University of Waterloo.

The talks dealt with various topics in high energy physics.

Professor Richard Mason, Institute of Computer Science and Computing and Information Science, attended the Third Canadian Symposium on Instructional Technology, in Vancouver. This conference

University Canada

The town of Athabasca, with a population of 1,800, has been chosen as the permanent site for Athabasca University. The institution currently operates out of rented facilities in Edmonton. The new facilities are scheduled for completion in three or four years at an estimated cost of \$16 million. The staff, which currently numbers 130, is expected to be increased to 300. Not all staff will be located in Athabasca because the university will maintain a learning centre in Edmonton and offices in Calgary and other major centres.

Seven publishers, backed by the Association of American Publishers and the Authors League of America, have launched a lawsuit against a photocopying company with outlets near several major U.S. campuses.

The company is alleged to have sold 20 to 30 copies of entire chapters, complete journals or significant sections of textbooks, usually to professors for use in their courses.

The case is the first challenge to photocopying brought under the revised Copyright Act which was put into effect in 1978. The act bans "systematic" copying.

Members of intercollegiate athletic teams at Simon Fraser University and the universities of British Columbia and Victoria are now eligible for scholarships worth \$1,000 annually.

The awards are being offered by the BC government to assist athletes to continue with their studies and to encourage them to remain in Canada.

The Ontario Institute for Studies in Education (OISE) has published the results of the second survey of *Public Attitudes Toward Education in Ontario* (1979), by D.W. Livingstone and D.J. Hart. Copies are available from OISE Publications Sales, 252 Bloor Street West, Toronto M5S 1V6 (416-923-6641).

was sponsored by the National Research Council, and Dr. Mason presented a brief report on the activities of the Sub-Committee on Software Exchange. Following the conference, Dr. Mason participated in a meeting of the NRC Associate Committee on Instructional Technology, before flying to Anaheim, California to attend the SHARE 54 conference, at which he presented a paper "Teaching Software and Software Exchange."

Professor John McMurtry, Philosophy, presented an invited paper entitled "Violence in Sport and Social Policy" to the 1980 Bethune College Conference, York University.

Members of the Departments of Psychology and Family Studies participated in a mini-conference for some 50 grade 11 students taking a course on "Man and Society." Professors J. Mottin, M. Peters, J. Tong, J. Boehnert, L. Wood, J. Hundleby, and **D. Appavoo** each gave brief presentations.

Professor Jorge Nef, Political Studies, was invited to be keynote speaker to the Windsor Chapter of "Ten Days for World Development," sponsored by the Canadian Council of Churches. Prof. Nef was also invited to be guest speaker and present a paper on "The Terrorist Weapon" at the Canadian Institute of International Affairs in Toronto. Later he gave an invited paper on "Stalemate and Repression in the Southern Cone" at the University of Toronto, Political Economy-Latin American Studies Joint Seminar, and more recently, Prof. Nef gave an invited paper on "Terrorism: The Politics of Fear" at the Departmental Seminar Series, Carleton University.

Professor John T. Powell, Human Kinetics, gave an illustrated talk on "The Ancient Olympic Games" to the men's and boys' dinner at Westminster-St. Paul's Church, Guelph.

He also was a guest on the televised Bob McLean Show recently and spoke at the sixth session of the University of Guelph Physical Resources Supervisory Staff meeting on the subject, "Manage to Be Fit."

Professor John T. Powell, School of Human Biology, gave a talk to the Royal City Kiwanis Club. His subject was "What is a Definition of Health?"

NSERC grants total \$4 million

Guelph faculty members will receive a total of \$4,183,000 in 1980-1981 awards from the Natural Sciences and Engineering Research Council. This total represents a 10.1 per cent overall increase over last year, according to Guelph's Dean of Research, Bill Tossell.

The largest portion of this total, \$3,570,000, is for 247 individual and group grants. The total value of these awards is up by 15 per cent over 1979-1980. Faculty members who received a second or third installment of a three-year operating grant received an increase of 9.8 per cent to help offset the effects of inflation.

A total of \$341,000 was awarded to help

purchase equipment. Included in this total is a grant of \$151,000 for a new electron microscope to be centred in the Department of Botany and Genetics under the supervision of Professor R.L. Peterson and one of \$74,000 to help purchase a new X-ray diffractometer for the Department of Chemistry research, centred in Professor G. Ferguson's group.

The general research grant to the President for 1980-1981 is \$271,000. This grant is used to promote research in disciplines normally supported by the Natural Sciences and Engineering Research Council through the President's Special Fund, the Research Advisory Board Grants Program and scholarships to graduate students in the natural sciences. □

Science Council recommendations for research in jeopardy

Canada's institutions of higher education are faced with a period when it will be extremely difficult to maintain the quality of university research in science and engineering and to keep up the training of highly qualified scientific and engineering manpower. The problem is addressed in a recently issued report, *University Research in Jeopardy: The Threat of Declining Enrolment*, a publication of the Science Council of Canada. Although the report was prepared with science and engineering in mind, many of the recommendations are applicable to teaching and research in other disciplines.

Unless strong countermeasures are taken, decreasing enrolment will bring about a decline in quality of education and also set in motion events that could seriously impair the ability of universities to serve the needs of the country, says the report.

The Science Council report points out that financial support for teaching and research over the past 10 years has generally been less than sufficient to keep up with inflation. The result has been a serious erosion of the research capabilities built up at universities during the sixties.

However, although money is badly needed, it alone will not remedy the situation. Courageous decisions must be taken by the universities, the Science Council report says. Courses and programs with low enrolments and research programs that are inadequately funded and which lack adequate facilities should be eliminated and faculty and facilities amalgamated where necessary to maintain high quality.

Graduate work in specific disciplines will have to be consolidated into joint centres. The report mentions the Guelph-Waterloo chemistry graduate studies program, but might as appropriately have cited another such arrangement in the arts — the Guelph-McMaster graduate program in philosophy. A distribution of specialization among different universities may be the only way to preserve scholarships in some disciplines or to avoid mediocrity in others, the report points out.

Universities have a major role to play in coping with the ebb tide of the baby boom, but governments and their agencies must also contribute. The Science Council suggests that one way provincial governments could help is by establishing research chairs at universities.

Even though enrolments will decline, universities are going to need the injection of new ideas that competent young faculty members can bring to their ranks. The Council has several suggestions for maintaining quality even if total faculty numbers have to be reduced. Turnover of faculty should be encouraged during the next 10 or 15 years when retirement rates will be low. To encourage movement within the country, the report suggests that the federal government look

into the portability of pension plans. It also suggests a federal government study into factors that encourage or inhibit the turnover of faculty and staff. Early retirement plans should be facilitated for those whose health or interests make that alternative attractive. Conversely, outstandingly productive faculty members should be encouraged to stay on after normal retirement age.

Since there will not be a need for more teachers in the next decade, the report suggests that federal granting councils devise new methods of supporting university research. Specifically it recommends that the Natural Sciences and Engineering Research Council establish a program to finance carefully selected research associates for periods of up to five years and perhaps more. This would be similar to the existing Medical Research Council scholarship program. NSERC is introducing such a new program this year.

Although great emphasis is placed on the importance of basic research in science and engineering, the report points out that improved mechanisms should be set up to bridge the gap that frequently exists between universities and industry and to encourage spin-off from academic research.

Although the next 10 or 15 years will be crucial ones for the future of science in Canada, if the right steps are taken the prospects should be bright. Well before the turn of the century the progeny of the post-war boom children will be ready for university, and enrolments should again be on the increase, providing jobs and research opportunities for a new crop of young scientists, concludes the report. □

Boyle John W., 1979. "The Making of a Theatre: The Belfast-Lyric Players, 1951-68," in M. O'Malley and J. Boyd, Belfast, eds., *A Needle's Eye*, pp. 3-7 (History).

Brown, R.G.B., S.P. Barker and D.E. Gaskin, 1979. "Daytime Surface Swarming by *Meganyctiphanes norvegica* (M. Sars) (Crustacea, Euphausiacea) off Brier Island, Bay of Fundy," *Can. J. Zool.* 57: 2285-2291 (Brown: Canadian Wildlife Service; Barker and Gaskin: Zoology).

Herold, E.S. and R.E. Thomas, 1980. "Sexual Experience and Responses to a Birth Control Film," *The Journal of School Health* 50 (12): 66-68 (Family Studies).

Dremer, M.K., 1979. "Ein wiederaufgefundenes Werk Tobias Nisslens," *Wolfenbuetteler Barock-Nachrichten* 6: 315-316 (Languages and Literatures).

Powers, Thomas F., 1980. "Hospitality Management Development for the 1980's," *Cornell Hotel and Restaurant Administration Quarterly*, 20 (4) February: 39-47 (Hotel and Food Administration).

Singh, A., T. Abbott, V.E.O. Valli and D.C. Villeneuve, 1980. "The Hepatotoxicity of Photomirex: A One-year Recovery Study," *Proc. Am. Assoc. Adv. Sci.* 146: 138 (Singh, Abbot: Biomedical Sciences; Valli: Pathology; Villeneuve: Health Protection Branch, Ottawa).

Slocombe, J.O.D. and B.M. McCraw, 1980. "Evaluation of Pyrantel Pamoate, Nitramisole and Avermectin B₁ against Migrating *Strongylus vulgaris* Larvae," *Can. J. Comp. Med.* 44: 93-100 (Pathology).

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Nominations sought for community service award

Nominations are sought for the University of Guelph Community Service Award. The award, established in 1978 is presented annually to individuals or groups whose outstanding efforts have reinforced the University's qualities as a whole community. The award will be presented at the University's community barbecue in June.

The selection committee for the award, or awards, is comprised of representatives from each sector of the University community. The Committee members serving this year are as follows: Nancy Brown, president, University of Guelph Central Students' Association; Calvin Hutchins, Staff Association; Sociology and Anthropology professor S. Sidlofsky, Faculty Association; John E. Hurst, Administration and Board of Governors; Kathryn Martin, president, University of Guelph Graduate Students' Association; Peter McMullen, assistant vice-president, University of Guelph

Alumni Association, and Donald Gruber, president, Canadian Union of Public Employees, Local 1334.

Any individual or group who is or has been associated with the University community may nominate any individual or group who is or has been associated with the University community to receive the award. The Community Service Award Committee will determine the acceptability of all nominations. The nomination for or presentation of an award to any individual or group in any one year will not preclude further nominations or presentations of the award to that individual or group.

Nominations, including a supporting brief, should be forwarded by April 30, to: The Chairman, Community Service Award Committee, c/o Mr. J.E. Hurst, Office of the Vice-President, Administration, 4th Floor, University Centre. □

Next Week at Guelph

THURSDAY, 80 04 03

Art Exhibit - SURVIVAL ATLANTIC STYLE, 16 Maritime Artists, main floor, McLaughlin Library until 80 04 21.
Luncheon Special - 11:30, PCH, UC.
Dance - JAZZ AND MODERN DANCE PRESENTATION, U of G Performing Dance Group, 12:15, UC courtyard.
Employment Search Program - THE INTERVIEW, 13:00, UC 301.
Worship - ANGLICAN EUCHARIST, 17:00, UC 334; CATHOLIC MASS, 17:00, Chapel, level 5, UC.
TV - SPOTLIGHT ON UNIVERSITY OF GUELPH, Physics chairman, Prof. Jack MacDonald, discusses physics, 19:00, Cable 8.
Religious Meetings - NAVIGATORS NEW LIFE, 19:00, UC 442; INTERVARSITY CHRISTIAN FELLOWSHIP, 19:00, 9th fl. lge., Arts.

FRIDAY, 80 04 04

Good Friday - classes cancelled
Luncheon Special - 11:30, PCH, UC.
Worship - MUSLIM FRIDAY PRAYERS, 12:30, Chapel, level 5, UC.
Friday Two-bit Flick - BATTLESTAR GALLACTICA, 19:00, and 21:30, P.S. 105.

SUNDAY, 80 04 06

Worship - CATHOLIC MASS, 10:10, PCH, UC; MUSLIM ZOHR PRAYERS, 13:30, 9th fl. lge., Arts.
TV - SPOTLIGHT ON UNIVERSITY OF GUELPH, a press conference on the role of NATO with Armin Halle, director of information for NATO, 11:00, Cable 8.

MONDAY, 80 04 07

Course - DRAINAGE COMMISSIONERS' COURSE, Arboretum Centre, until 80 04 11. Contact Prof. R.W. Irwin, School of Engineering, for more information.
Integrity Club - LAST MEETING OF THE SEASON, 12:00, UC 332.
Land Resource Science Seminar - PRELIMINARY INVESTIGATIONS OF BOREAL FOREST ECOSYSTEMS FOR FOREST MANAGEMENT, R.K. Jones, Ontario Institute of Pedology, Guelph, 15:10, L.R.S. 124. Coffee and doughnuts beforehand in L.R.S. 230.

TUESDAY, 80 04 08

College Women's Club - DEADLINE FOR NOMINATIONS FOR THE 1980-1981 EXECUTIVE. Contact nominating committee chairman, Laurene Davis, 821-7574.
Employment Search Program - THE SELF-ASSESSMENT, 13:00, UC 301.
Political Studies Panel - THE AFGHANISTAN CRISIS, 1980: FROM DETENTE TO COLD WAR?, with moderator, Prof. J.M. Little, Political Studies, and panelists, Professors O.P. Dwivedi, F. Eidlin and J.F. Melby (retired), 13:15, UC 103. Open to the public. Session will be seen over Cable 8 at 20:30 on 80 04 14 and 20:00 on 80 04 17.
Sociology/Anthropology Colloquium - RADICAL CRIMINOLOGY AND PUBLIC POLICY, Geoff Mungham, senior lecturer, sociology, University College, Cardiff, Wales, and visiting associate professor at Queen's University, 15:00, Arts 116.
Physics Colloquium - LIGHT SCATTERING STUDIES OF BACTERIAL VIRUS ASSEMBLY, Dr. V. Bloomfield, department of biochemistry, College of Biological Sciences, University of Minnesota, 16:00, P.S. 113.
Worship - ANGLICAN EUCHARIST, 17:00, UC 332; CATHOLIC MASS, 17:00, Chapel, level 5, UC.
Job Hunting - RESUME WRITING CLINIC, 18:00, Counselling and Student Resource Centre, level 3, UC.
Brief Encounters - THE GRADUATING STUDENT AND THE JOB MARKET, presented by counsellors in Counselling and Student Resource Centre, 19:30, over Radio Gryphon, CFRU, 93.3 FM.

WEDNESDAY, 80 04 09

Luncheon Special - 11:30, PCH, UC.
Worship - CATHOLIC MASS, 12:00, Chapel, level 5, UC.
International Development Series - FEASIBILITY STUDIES ON PISCICULTURE IN COSTA RICA AND COLOMBIA, Prof. Hugh MacCrimmon, Zoology, 12:10, Arts 132.
Employment Search Program - THE RESUME, JOB LOCATION STRATEGIES, THE LETTER OF APPLICATION, 13:00, UC 301.
Languages and Literatures German Film - NOR DSEE 1ST MORDSEE, English subtitles, 15:00, Arts 119. Everyone welcome. Free coffee.
Free Film - HITCHCOCK AND TRUFFAUT DOUBLE BILL: THE LADY VANISHES and SHOOT THE PIANO PLAYER, 19:00, L.A. 204.
Dance Club - INTERNATIONAL DANCE CLUB, 20:30, upstairs in the Stadium (Gryphon Room). Information: David Green 836-8453.

THURSDAY, 80 04 10

Luncheon Special - 11:30, PCH, UC.
University of Guelph Faculty Association - EXECUTIVE MEETING, 12:00, Board Room, Faculty Club, level 5, UC.
Biochemistry Seminars - MALE QUAIL CAN PRODUCE EGG YOLK PROTEIN TOO, Ann. M. Gibbons, Biomedical Science, 12:00, Chem./Micro. 370.
Sale - GUELPH YM-YWCA ANNUAL BOOK SALE, 12:00 to 22:00, today and tomorrow; 09:00 to 17:00 on 80 04 12, 400 Speedvale Avenue East.
Employment Search Program - THE INTERVIEW, 13:00, UC 301.
Worship - ANGLICAN EUCHARIST, 17:00, UC 334; CATHOLIC MASS, 17:00, Chapel, level 5, UC.
TV - SPOTLIGHT ON UNIVERSITY OF GUELPH, a press conference on role of NATO with Armin Halle, director of information for NATO, 19:00, Cable 8.
Religious Meetings - NAVIGATORS NEW LIFE, 19:00, UC 442; INTERVARSITY CHRISTIAN FELLOWSHIP, 19:00, 9th fl. lge., Arts.
Continuing Education - THE ART OF NEGOTIATING, 19:30, 2 sessions; to register, call Ext. 3956.
Guelph Field Naturalists Workshop - BETTER PICS FROM BROWNIE TO LEICA, with Norm Lightfoot, 19:45, Arboretum Centre.



A group of grade 13 students of Italian at Bishop Macdonnell High School, Guelph, visited the Italian Studies section of the Department of Languages and Literatures recently. They were accompanied by their teacher, Lorenzo Sciscione, shown above with the group.

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