

OAC Dean chosen

Professor Freeman L. McEwen has been named the next Dean of the OAC for a five-year term. The appointment was confirmed October 28 by the University's Board of Governors during its regular meeting. Prof. McEwen, whose appointment will become effective July 1, 1983, will succeed Dean Clayton M. Switzer, who will complete his second term as Dean June 30, 1983.

Prof. McEwen will serve as Associate Dean (Dean Designate) from January 1, 1983, replacing Dr. A. Gordon Ball, who will retire December 31, 1982.

Prof. McEwen served as Chairman of the Department of Environmental Biology from 1971 until June, 1982. He has also served as provincial entomologist for eight years, and is currently Acting Director of the proposed Canadian Centre for Toxicology.

He has been a faculty member since 1968. In 1954 he was appointed to the faculty in the department of entomology, New York State Agricultural Experiment Station, Cornell University, and served as



head of that department from 1965 to 1968.

A native of Bristol, PEI, Prof. McEwen graduated from Macdonald College, McGill University, and completed his graduate study at the University of Wisconsin in 1954.

Prof. McEwen's teaching and research interests are especially the biology and control of vegetable insects and the relationship of pesticides to the environment. At Guelph he has initiated and directed research in biological control of crop pests and spearheaded the development in his Department of a Biological Control Laboratory, opened in

January, 1982. The Laboratory's staff is pursuing a variety of lines of research in this area. At the same time, Prof. McEwen has remained an outspoken advocate of the continued, careful and limited use of pesticides to ensure adequate control of crop-destroying pests.

In spite of his administrative responsibilities at the University, Prof. McEwen has continued his own research and the supervision of graduate students. He is recognized among his colleagues for the high standards he sets for himself and his students.

At the same time, he has written extensively for the popular press and is the co-author of *The Use and Significance of Pesticides in the Environment*, published in 1979.

Prof. McEwen is a Fellow of the Entomological Society of Canada, and he has played an active role in many other scientific and professional societies. He is a member of Sigma Xi.

He has served as president of the Canadian Pest Management Society and the Entomological Society of Canada. Prof. McEwen is currently chairman of the subcommittee on pesticides and industrial organic chemicals of the National Research Council, and he is active on a number of other national and provincial committees and boards. □

Firms cancel recruiting sessions

For the first time in 30 years, there has been a sharp drop in the number of companies recruiting on campus.

Ian White, co-ordinator of Placement Services, notes that as of October 1, only 22 companies had booked time for interviews from October to December as compared to 34 last year.

"It's mainly the large national companies at this point that are cutting back, but they hope to have more openings in the New Year," says Mr. White. Companies are citing general economic conditions for the lack of employment opportunities.

According to Mr. White, among the 12 companies that have cancelled interviews this semester are: Bell Canada, General Motors of Canada Ltd., Campbell Soup Co.

Ltd., Agriculture Canada, John Deere Ltd., Imperial Oil Ltd. and the Royal Bank of Canada.

With 12 companies cancelling interviews, that could mean at least 12 fewer jobs for students, although the number of openings varies from company to company, says Mr. White.

While the cancellations will most likely affect business students, Mr. White urges all students to be aware that there are fewer jobs.

"Students will have to be prepared," he says, "in the areas of resumes and for interviews. They should be more focussed and have a better idea about what they'd

like to do and what they have to offer the employer."

Students having difficulty in either of these areas should consider taking the resumé writing or interview clinics offered by the Counselling and Student Resource Centre, he says.

Mr. White says students should spend more time assessing what they have to offer — often skills gained outside the academic world.

"Employers, in addition to being concerned with academic background, are looking more for analyzing and organizing ability and good communication and interpersonal relationship skills. All of these can be acquired through summer jobs, extra-curricular activities and volunteer work," he says.

Arboretum shelter dedicated



Mrs. Walker and Mr. Hales in front of the bronze plaque.

The dedication of a shelter at the Arboretum to Captain John Playford Hales honors an OAC graduate who died when his plane was shot down over the Somme in 1918.

Born in 1893, John Hales graduated in poultry science in 1915 and joined the OAC staff under Professor W.R. Graham. He enlisted in 1916, rose to the rank of Captain, and was lost only weeks before the end of World War I. The idea of a memorial in his honor remained in the mind of his sister, Mrs. Kate Hales McKay (Mac '11) throughout the years. Provision was made for it in her will and the project was undertaken. Last Sunday the dedication ceremony for the Hales McKay shelter was attended by 40 members of the family.

A dedication address was given by Rev. R.J. Ferlis of Knox Presbyterian Church. This was followed by a reminiscence by Alf Hales who traced the long and many associations between the University and his family, 16 of whom were either graduates or members of the faculty. Mr. Hales reached

back 70 years into his own memories to recall the personal anecdotes of his uncle Playford and visits with him to the old poultry houses.

The occasion was also marked by the unveiling of a bronze plaque bearing the words "To the memory of Captain John Playford Hales, OAC 1915, Royal Air Force. Killed in action Aug. 23, 1918. Loving and kind as he was brave, for love of home his life he gave. Memorial dedicated by the will of his sister, Mrs. Hales McKay, Mac, 1911 (1891-1980) on October 24, 1982."

Mrs. Morley Walker, 96-year-old sister of Mrs. Kate Hales McKay, performed the unveiling, accompanied by Professor John Walker, recently retired from the Department of Animal and Poultry Science.

Professor Erik Jorgensen, Director of the Arboretum, expressed his appreciation for the bequest which enhances the Arboretum and provides a shelter and site which will house future plaques.[]

Dr. R.M. Malina

An internationally recognized researcher in the area of child growth and physical activity will be visiting the School of Human Biology Wednesday, November 10 to Wednesday, November 24.

Bob Malina, professor of anthropology and associate director of the Institute of Latin American Studies, University of Texas at Austin, has published on the subjects motor development, body composition and the secular trend. He has studied children from many parts of the world, most recently the growth of rural and urban children in the valley of Oaxaca, Mexico. Dr. Malina's combined interests in physical activity, growth and anthropology are considered to be unique.

While on campus, Dr. Malina will be discussing "Menarche in Athletes: A Synthesis of Available Data and a Hypothesis" Friday, November 12, 2 p.m. in Room 207 of the Human Biology building. He will present a lecture on the human biology studies in Oaxaca, Mexico, Monday, November 15, 8 p.m. in Room 103 of the University Centre.

Anyone wishing to meet Dr. Malina should contact Dr. Susan Pfeiffer, Ext. 3382. □

BIG BROTHERS seeks volunteers to help take boys on regular group outings. The Association especially seeks volunteers who have cars. Apply through the Help Club, Room 233, University Centre, Ext. 8104.

Meeting of October 28, 1982.

Board of Governors will make history this month when it opens its meeting to the public for the first time, on Thursday, November 25. The Board meets at 10 a.m. in Room 424 of the University Centre.

President Donald Forster said at Monday's information session that a limited number of seats will be available for spectators. Tickets may be picked up from Dale Lockie, secretary of the Board, in the Office of the Vice-President, Administration, level 4, University Centre on the Tuesday prior to the Board meeting. Because of the space constraints and the set-up of the board room, no cameras or recording devices are to be permitted during the meetings.

The Board will still discuss certain matters *in camera* such as personnel, property transactions and some financial matters. The Chairman of the Board, Cecil Franklin and/or the President will be available for comment following each meeting.

In other matters, the Board approved the appointment of the new Dean of the

OAC, Freeman McEwen (see front page story), and the building program and brief for the Equine Research Centre. No further work will be done on the Centre until operating support is determined. The Board also placed its support being the provincial government's proposed Bill 137, an act to regulate the granting of degrees. If the bill is approved, the act will eliminate some of the "fly-by-night degree mills reported to be operating in the Province", said the President.

President Forster also reported to the Board on the continuous failure of the federal and provincial governments to settle their differences on the size of transfer under Established Programs Financing. The two governments have not yet agreed on modification of terms of the size of the transfer, he said, — something he hopes will happen before next spring.

MOTIONS

Equine Research Centre

The Board approved in principle the building program and brief to the architect for the Equine Research Centre.

Student Health Plan Premiums

- The Board approved that student health plan premiums be increased from \$6 to \$8.90 per semester for single students, and from \$16 to \$19.79 per semester for a student family plan, effective January 1, 1983.

Report of the Finance Committee

- The Board approved the budget plan as presented as the basis for development of the University's operating budget for 1983-1984.

University Degree Granting Act

- The Board endorsed Bill 137, an act to regulate the granting of degrees. The Board urges members of the provincial legislature and, in particular, the Minister of Colleges and Universities, to support this legislation designed to protect the integrity of institutions, such as the University of Guelph, and to offer some protection to the public.

Physical Resources Status Report

Renovations to Room 103 in the Horticulture building are complete, but the installation of the central control unit in the Central Utilities Plant is delayed until hardware is delivered. All foundation work is complete on the Institute of Computer Science extension in the Animal Science building. The project is expected to be finished by December 31.

Continued on page 4.

High school students sample university life

Getting a taste for the University environment is what the Guelph Interaction Conference '82 is all about.

The two-day conference, dealing with scientific and human issues, is held annually for high school students to participate in the University's learning environment.

This year 1,000 senior high school students from across Ontario are expected to visit Guelph for the seminars and workshops on Wednesday, November 10 and Thursday, November 11, says Penny Dukelow of the Registrar's Office.

Some of this year's topics scheduled for the 26 workshops include: "The Liberation of Women: Has It Been Arrested?", "Will the World be Fed in the Year 2000?", "Nuclear Power — Yes or No?" and "Creative Thinking: The Workings of Your Mind."

Led by faculty members from a number of academic disciplines, the workshops and seminars are limited to 40 participants to encourage interaction between faculty members and students, explains Ms. Dukelow, who praises the support and enthusiasm of faculty members.

Besides participating in the morning and afternoon workshops, students have the opportunity to tour campus buildings and residence facilities, she says.

Students come from all over the province to participate in this learning experience. The daily workshops begin at 8:30 a.m. and the opening address will be given by Professor David Murray, Dean of the College of Arts.

There is no fee for the conference, but interested students should register through the Admissions Office.[]



Alun Hoddinott, sitting, at the piano with Prof. Saunders.

Elbow to elbow with composer

To work on a piece of music with the composer at your elbow is rare. However, a visit to the campus by probably the most distinguished living British composer since Benjamin Britten is allowing the Department of Music to rub shoulders with a true artist in the great tradition.

Welsh-born Alun Hoddinott is a great inspiration to faculty members and students alike, according to the Chairman of the Department of Music, Dr. Stanley Saunders.

To speak of Alun Hoddinott on the basis of a brief meeting is impertinent. One comes away aware of a creative tension posed between the Celtic and Latin poles of temperament. The cultural genesis of his music is predominantly Celtic; critics note the obsessive drive, sombre brooding and rhetorical lyricism. However, another mainstream influence is undoubtedly Latin. This is a factor likely to burst onto the canvas of his music at any time as, what he calls "a disruptive element."

Alun Hoddinott is dismayed, not just by the quality and intensity of violence in the world, but also by the underlying spiritual malaise of which it is a symptom. He sees himself as a romantic, and he draws his inspiration from the visual as much as the introspective. If he had not been a composer, he would like to have been a painter.

"One envies the immediacy of the painter", he says. "When the painter puts down his brush, the work is finished. The composer, however, finishes up with a score which must then be brought to life by performers. The music must say something to them — something they will care about and want to convey to an audience. Music, I think, suffers when composers write for an elite. We should have something to say that speaks to an audience of more than two people."[]

Drama has a smash hit!

The Department of Drama's first production of the fall semester, Aristophanes' racy comedy *Lysistrata*, played to capacity houses during its run at the Inner Stage last week.

Imaginatively directed by Harry Lane and sensitively designed by Allan Watts, the production involved the participation of about 70 people. Most were Drama students, but their work was energetically supplemented by several student and faculty volunteers. Professor John Bell, Chairman, Department of Languages and Literature, served as assistant director; Charles Wilson, Department of Music, Professor Marshall Matson and Professor Leslie Marshall, Department of English Language and Literature, provided further stirring faculty support.

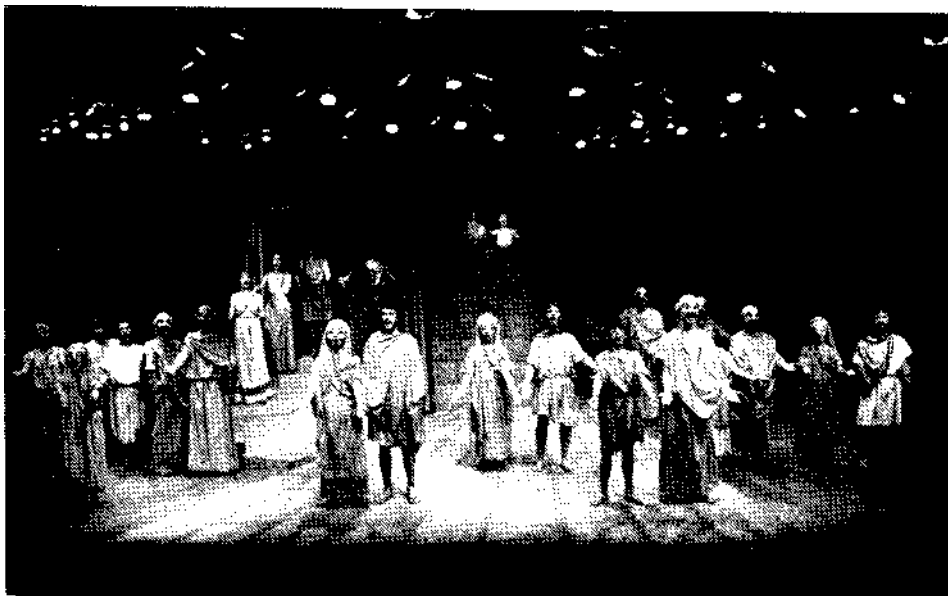
Department of Drama Chairman, Professor Leonard Conolly, is delighted by the

artistic and box-office success of *Lysistrata* and the inter-departmental co-operation that helped make it possible.

He predicts equally warm receptions for the Department's next productions, *John Synge Comes Next*, with guest artist Maurice Good, Friday, November 5 and Saturday, November 6, and *Playboy of the Western World*, Tuesday, November 23 to Saturday, November 27.

Maurice Good is a distinguished Irish-Canadian actor. His one-man show at the Inner Stage at 8 p.m., about the Irish playwright John Millington Synge, presents a perceptive and sympathetic portrait of one of the 20th century's greatest playwrights.

Tickets for this performance, at \$4, are available at the University Centre box office, Ext. 3940. []



The Inner Stage holds about 30 actors in this final scene of *Lysistrata*.

THE ROYAL ALEX SHUTTLE for a performance of "Blithe Spirit" is Thursday, November 25. The travel cruiser will leave the University Centre at 6:30 p.m. and return immediately following the show. Tickets for the shuttle, arranged by the University Centre, are \$20 at the central box office in the University Centre, Ext. 3940.

"**DOWNTOWN WALKABOUT**," by Guelph architectural historian Gordon Couling, has been published by the Guelph Arts Council. This book is the second in a series of walking tours devoted to the architectural and historical significance of Guelph's interesting old buildings. The first is "Where Guelph Began."

Copies of both books are available from the Guelph Arts Council, 21 King Street, Guelph, N1E 4P5. The cost is \$3 per copy, or \$2 per copy for orders of 10 or more.

Details: 836-3280 or 824-8131.

THE HUSBAND AND WIFE duo-piano team of Yanchus and Hibbard will present the Thursday Noon Hour Concert at 12:10 p.m. and 1:10 p.m. in Music Room 107, MacKinnon building. Admission is free to this event sponsored by Concert Management. Their repertoire, which includes literature from the duet and duo categories, ranges from the Baroque through the 20th century, with the greater emphasis on the Classical and Romantic periods. Through the Ontario Arts Council, they have commissioned Canadian composer Jack Behrens to write a new work for them which will be premiered in the spring of 1983.

Residents of London, the artists are on the board of examiners of the Western Ontario Conservatory of Music. They appeared in Guelph in the summer of 1979 to present the annual Summer Campus concert.

Program I will include "Scaramouche" by Darius Milhaud; "Variations on a Theme of Beethoven, Op. 35," by Saint-Severis; and "La Valse" by Ravel. Program II will consist of Benjamin Britten's "Introduction and Rondo alla Burlesca" and Rachmaninoff's "Second Suite, Op. 17."

THE FACULTY CLUB is offering a wine-tasting Wednesday, November 17, 8 p.m. in the Faculty Club, level 5, University Centre.

Wines from France, Austria, Spain, Yugoslavia and Germany will be tasted and cheese and crackers will be served.

Reservations must be made by Monday, November 15 at 824-3150 or Ext. 8578. Cost: \$7 per person.

THE ARBORETUM is beginning a new program series entitled "Sunday Afternoon Walks" November 7. These will be led by a naturalist highlighting the seasonal aspects of the Arboretum's plants and animals.

The walks begin from the J.C. Taylor Nature Centre at 2 p.m. and finish by 4 p.m. Details: Ext. 3932.

INTERNATIONAL HOUSE and the Counseling and Student Resource Centre are sponsoring two presentations that will cover birth control, sexually-transmitted diseases and resources for help in the community and on campus. Seminars are Tuesday, November 9 at 6:30 p.m. in Room 103 of the University Centre and Wednesday, November 10 at 5 p.m. in Room 441 of the University Centre.

LIKE ALL public institutions, universities are facing a financial squeeze in the 1980's. To supplement budgets, they are turning to industry, so the dividing line between ivied halls of learning and the "real world" is vanishing. Increasingly, faculty members are developing companies or acting as consultants for others to supplement their incomes. These moves challenge the traditional concept of the university and have important implications for the future of all universities in Canadian society.

Present and potential pitfalls for these new academic-industrial connections will be explored in a two-part series to be heard on CBC Stereo's "Ideas", Thursday, November 18 and November 25, at 8:05 p.m.

Speakers include university administrators, scientists, businessmen, and government officials. The November 18 program, "The University and the Marketplace", examines the issues in general. The November 25 broadcast focuses on 'Bio-technology in the Marketplace.' Bio-technology has become a multi-million dollar industry. Biologists have turned into businessmen, and businessmen are looking to university campuses, hoping to exploit the latest developments. The program looks at the impact on academia of this rapid shift from the lab to the marketplace.

THE GUELPH Youth Orchestra is offering three concerts in a Sunday afternoon subscription series. The first is Sunday, November 21, followed by performances February 13 and May 1. The November and May concerts will be at Centennial Collegiate and the February performance is at Harcourt United Church.

The series' tickets are \$7 for students and senior citizens, and \$10 for adults. These may be ordered by cheque from the Guelph Youth Orchestra, Box 1604, Guelph, N1H 6R7. A stamped self-addressed envelope is required. Details: Association president, Professor Robin O'Neil, Physics, Ext. 3771 or 821-2273.

THE ENERGY Conservation Committee is extending the deadline for its fourth energy conservation contest to Monday, November 8.

The best idea that can be implemented will be acknowledged by the award of a certificate and a solar-powered scientific calculator. The entries will be judged according to cost of implementation, annual energy saving, originality, and practicality.

Mail your ideas to the Energy Conservation Committee, Trent Building. Include your name, address and telephone number. The winner will be announced by November 19 in the *News Bulletin* and the *Ontarian*.

LAWSON TRAVEL agency in the University Centre has set up a secretary contest. The first prize is a weekend for two in Montreal, and the second prize, a weekend for two in Toronto.

Each time a secretary makes a reservation for someone in her/his Department during December and January, her/his name will be entered in a draw to be held February 1, 1983. If a secretary recommends the agency to another secretary who is not now using the agency's services, her/his name is also entered in the draw.

Details: 823-1280, Ext. 8540.

A REMEMBRANCE DAY service will be held Thursday, November 11 at 10:55 a.m. in War Memorial Hall. Classes will be withdrawn from 10:45 a.m. to 11:20 a.m. so all members of the University community may participate in the service.

CONTINUING EDUCATION is offering two workshops on the art of negotiating. "Negotiating skills for Women" is a two-day seminar Friday, November 12 and Saturday, November 13 to be taught by Anne Ruhl. Ms. Ruhl will also teach "Negotiating with Children", which is offered on four consecutive Tuesday evenings beginning November 16.

A DIRECTOR is sought for the proposed second polytechnic in Hong Kong. Application forms are available from the secretary of the planning committee, Second Polytechnic, Box 98441, Tsim Sha Tsui Post Office, Hong Kong. Completed forms should reach the secretary by Saturday, November 20.

Board of Governors *Continued from page 2.*

Appointments

The Board approved the following appointments:

CBS — S.A. Boutin will join the Department of Zoology January 1, 1983, as assistant professor; **CPS** — Assistant professor David Josephy is a replacement appointment in the Department of Chemistry as of January 1, 1983;

OAC — Professor Freeman L. McEwen, Environmental Biology and acting director of the Centre for Toxicology, will become Dean of the OAC July 1, 1983, (see story, front page.); Professor J.C. Jofriet will be acting director of the School of Engineering from January 1, 1983 to December 31, 1983 while the School's Director, Professor John Ogilvie, is on administrative leave; Assistant professor P.E.A. Teal is a replacement appointment in the Department of Environmental Biology as of January 1, 1983.

Macdonald Stewart Art Centre

The Centre's report outlined highlights of the 1981-1982 program and a financial statement □

Next Week at Guelph *Continued from page 8.*

AND WILLIAM AIDE, viola and piano, 1210 - 1245 and 1310 - 1345, MacK107.

Careers and Jobs — CHOICES: INTRODUCTION, 1600, register at the Connections Desk by 1400; INTEREST TESTING, 1800, register at the Connections Desk by 1500.

Apiculture Club — "UNUSUAL" BEHAVIOUR OF AFRICANIZED BEES, Dr. Gard Otis, 1710, Graham Hall, Rm 200.

Worship — CATHOLIC MASS, 1710, chapel, level 5, UC.

TV Series — SPOTLIGHT ON THE UNIVERSITY OF GUELPH, Ingrid Jenkner, Macdonald Stewart Art Centre, Cable 8, 1900.

Fellowship — INTER-VARSITY CHRISTIAN, 1900, ASN 141.

Wintario — 1900, WMH, tickets 822-9581.

Lecture — DINOSAURS - ALL YOU WANTED TO KNOW BUT WERE AFRAID TO ASK, Dr. Chris McGowan, Royal Ontario Museum, 1945, Dublin St. United Church, 821-0133 for details.

Sports — WOMEN'S HOCKEY, York at Guelph, 2000; MEN'S HOCKEY, Brock at Guelph, 1930.

Manual shows hospitality industry how to cut energy costs

A School of Hotel and Food Administration professor has developed a seminar and energy management manual for owners and operators of hotels, resorts and restaurants that could save them as much as one-quarter in energy costs without major capital investment.

The package, called the "Management Education Program for Energy Conservation in the Hospitality Industry," was developed by Professor Ted Fletcher with the aid of a \$40,000 grant from Energy Mines and Resources Canada and \$11,500 from the Ontario Ministry of Industry and Tourism. Prof. Fletcher has developed the curriculum and format for a one-day seminar, aptly titled, "Greater Profits Through Energy Management."

In a practical, non-technical manner, the package demonstrates how to manage energy better with existing technology, how to implement practices with little capital investment, and how to benefit from services, grants and assistance from the various levels of government. Central to the package is an energy audit manual written by Prof. Fletcher. It shows owner/operators how to conduct their own energy evaluation and determine where to implement energy-saving measures.

Prof. Fletcher plans to co-ordinate the program with the provincial energy bus system. The bus is an energy evaluation centre on wheels. The bus rolls up to a hotel or motel, its staff conducts a survey and uses the on-board computer to analyze the data and provide instant print-outs of energy use. The data points to areas for potential savings, approximate costs involved, and payback periods at today's energy prices.

The seminar builds on the energy survey data provided by the bus and emphasizes good management of energy. "We are not trying to duplicate effort or reinvent the wheel," Prof. Fletcher says. "We are interested in showing the real costs and potential savings involved with proper energy management. We held the first seminar in early September at the Sherwood Inn in Glen Orchard, Ont. The same seminar could be held anywhere in Canada, with the examples and calculations tailored to suit the different regions."

Eventually, Prof. Fletcher hopes to offer it right across the country with the co-sponsorship of provincial hotel and resort associations. "We have already received inquiries from the Maritimes. Their energy costs are so much higher than anywhere else in Canada that they are very interested in energy conservation," he says.

The energy audit manual is part of a more extensive energy management manual written by Betty Bean-Kennedy through the University's Information Services writing service. Designed to accompany the work-

shop, the loose-leaf manual is full of practical information, from leaky taps to landscaping to kitchen equipment. It includes a glossary of terms, Canadian suppliers of equipment, checklists, examples, sample calculations and tips on motivating staff.

After the initial seminar, Resorts Ontario requested that the manual be made available to all its members, not just those members who are able to attend a workshop. Ontario resort operators may now order the manual by mail.

Prof. Fletcher's package emphasizes better management of existing equipment and staff motivation. The key to good energy management, in many cases, is motivating the staff to adopt good practices.

"The bottom line is that energy conservation saves money. That has to be the incentive for attending the seminar, for implementing any new procedures or installing any new equipment," comments Prof. Fletcher. □

"Bones" to beguile Royal crowds

The Royal Agricultural Winter Fair brings the sights, sounds, smells and feel of the country to Toronto each November. Urbanites and suburbanites flock to the Coliseum to see gargantuan squash, luscious apples, sleek horses and fuzzy sheep. This year, they will also see beautiful bones.

"Bones," the University's exhibit at the Royal, introduces the fascinating field of veterinary orthopaedics. Through models, illustrations, videotape productions, photographs, and radiographs, the exhibit explains the function and structure of bones and

shows how modern techniques repair fractures, correct deformities and treat bone diseases.

Actual hardware used in veterinary orthopaedics, including plates, artificial hip joints, intramedullary pins and screws, will be on display. Some human implants, including a hip joint, will demonstrate the difference in scale between dogs and humans.

Highlighting the exhibit are two videotape productions of veterinary surgery, filmed in the Department of Clinical Studies. "A New Hip for Lady" shows the implantation of an artificial hip joint in a Labrador retriever whose hip had deteriorated with age and disease. The other videotape production features a foal with an angular limb deformity of its front leg. Veterinary surgeons corrected the deformity by implanting two stainless steel screws and a piece of orthopaedic wire. Following removal of the implants, the foal prances and runs without a trace of a limp.

While veterinary orthopaedics is fascinating in its own right, the exhibit also points out the similarities between the veterinary techniques and implants and those used in human medicine.

Dr. Joanne Cockshutt, a resident in small animal surgery, will be at the exhibit throughout most of the Royal and will be able to answer any questions from the public. Students are invited to call Julie Thur, Information Services' tour co-ordinator, Ext. 3358 if they are interested in helping at the exhibit.

A booklet, also entitled "Bones," will accompany the exhibit and will feature many of the same photographs, illustrations and information. The exhibit and the booklet are being produced by Media Production Office for Educational Practice and Information Services, working closely with the faculty in the Department of Clinical Studies.

The Royal opens Thursday, November 11 and continues to Saturday, November 20.[]

The Tradition of Political Hedonism
From Hobbes to J.S. Mill
Frederick Vaughan
Fordham University Press, Bronx, N.Y.
271 pages

Prof. Vaughan, left,
and President Forster.



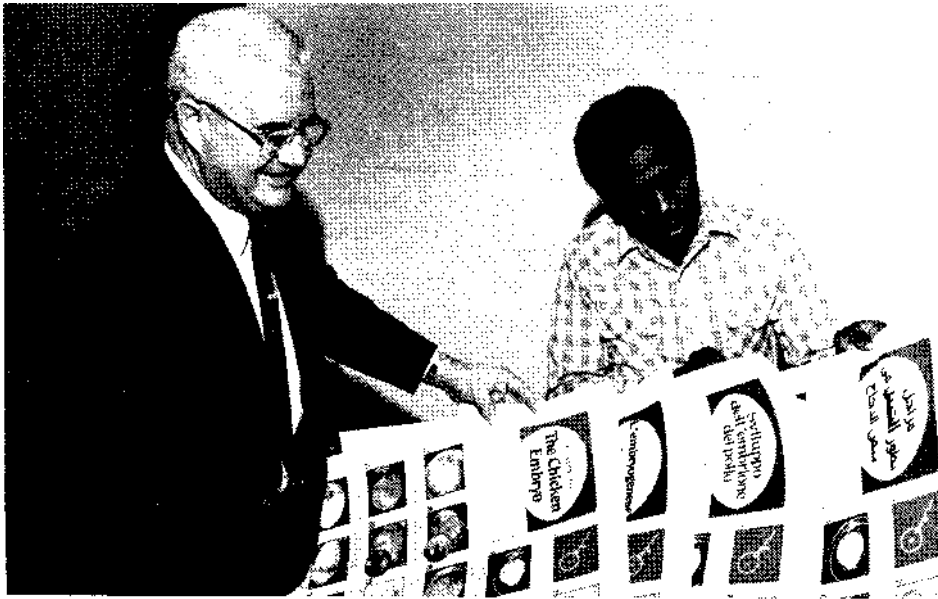
The purpose in this work, by Political Studies professor, Fred Vaughan, is to give an account of the underlying unity which the modern liberal-democratic tradition assumed in the 16th and 17th centuries as a reaction against the long-dominant Aristotelian-Scholastic tradition of moral and political philosophy.

The author goes beyond what C.B. Macpherson has identified as "possessive individualism" to show how the founders of modern political philosophy consciously

appropriated the principles of ancient hedonism and transformed them into political principles, making hedonism the major motive force in the rise of the modern liberal-democratic state.

Although several contemporary scholars have alluded to this peculiar character of modern liberalism, none, up to now, has provided a thematic discussion of its origins and development from the 17th century to the present.[]

Wall chart goes world wide



Wall charts in many languages are viewed by Prof. Hunt, left, and Tagelsir Eisa Ali.

A routine departmental chore performed by Animal and Poultry Science professor, Earl Hunt, has led to the production of a wall chart that is now distributed world-wide.

During the last several years, Prof. Hunt, with the assistance of the Office of Educational Practice, has been preparing slide and tape sets designed to introduce such subjects as beef, dairy, poultry, swine and horses to first-year students coming from the city or specialized farms.

One of these slide sets, showing the development of the chicken embryo, came to the attention of Hasco Hatchery Systems, Ontario manufacturers of egg incubators,

who asked permission to produce a wall chart, using the slide material.

Hasco selected 32 slides which were taken by graduate students, OMAF and University photographers. Company staff wrote the captions which were then checked and corrected by embryologist, Professor Bert Reinhart. The finished product was printed in a brightly colored, 3' x 4' format.

To serve their world-wide market, Hasco arranged for the chart to be translated into the French, Spanish and Italian languages. Tagelsir Eisa Ali, an Animal and Poultry Science graduate student, supplied the Arabic translation. □

CIDA scholarships to graduates

An announcement by the Secretary of State for External Affairs confirms that of the 16 scholarships awarded to Canadians by the Canadian International Development Agency this year, three have been won by University of Guelph graduates.

The value of the scholarships, up to \$15,000, is determined by the nature and scope of the studies undertaken. Winners are required to spend part of the time in a developing country conducting field research related to the particular aspects of development they have chosen to study.

This year's successful Guelph students are Bonnie Hall of Eden, Land Resource Science, who will be studying phosphorous recycling in sugar cane ratoon crops in Nigeria; Gerald Walker of Guelph, Crop Science, who will be going to St. Lucia to test the performance of cowpeas as a banana intercrop for the small farmer and Susan Watkins of Guelph, Sociology and Anthropology, who is going to St. Lucia to research the role and function of female extension officers.

Last year's Guelph winners, Jay Ross, Nutrition and Gary Holm, Extension Education, are now in the second year of their programs. Gary is doing field work in Sierra Leone on the relationship between literacy and the adoption of farm innovations. Jay's project is concerned with the relationship between agricultural practices and the nutritional status of young children in Papua, New Guinea.

School of Agricultural Economics and Extension Education professor, Jim Shute, advises that these awards are highly competitive and difficult to obtain. They reaffirm the expanding role played by Guelph students and faculty members throughout the developing world, he says. □

Firms cancel
Continued from page 1.

Placement Services usually schedules about 150 company interviews between September and April and Mr. White hopes more companies will book time for the spring to offset cancellations this semester. Regional recruiters tend to come on campus between January and March, he says, and areas such as agriculture and life sciences do more recruiting in the spring. Placement Services will also contact more new companies and follow up on 1,400 companies previously contacted, he says.

On-campus recruiting starts at the beginning of November. In addition, Placement Services posts about 400 other jobs, although this number is also down considerably this fall. □

McClelland charts publishing territory

Promising a light-hearted view of the book publishing industry, Jack McClelland proceeded to note that three out of every 1,000 books submitted to his company are published. Despite this and many other horrendous aspects of the industry (55 per cent of books are returned to the publisher from the sellers; poetry books sell an average of 400 copies), Mr. McClelland managed to entertain a War Memorial Hall audience with his attitude and anecdotes.

The chairman of McClelland and Stewart, Canada's largest publisher for the general book trade, was discussing "Here There Be Dragons: The Book Publishing Industry in Canada" last Tuesday at the Community Campus Forum series, presented by the University's Continuing Education division. "Here there be dragons" was used on the legends of old maps to describe uncharted territory, explained Mr. McClelland. Ignoring this warning, he sallied forth, to help turn Canadian literature into a paying reality.

While many novelists sell an average of 1,200 books, his authors, including Margaret Laurence, Farley Mowat, Peter Newman and Margaret Atwood, sell thousands of books.

Mr. McClelland did not become the publisher of Canada's foremost authors by chance. Touching on Canadian independence in terms of our national energy policy and the Foreign Investment Review Agency, the former chairman of the Committee for an Independent Canada asserted that, "we must protect ourselves."

He noted that literary authors, such as Mordecai Richler and Alice Munro are the top commercial sellers. "In the United States, it is more likely to be Jane Fonda's exercise book. There the trend towards the lowest common denominator is encouraged," said the publisher who acknowledged government support of the industry in Canada.

In summary, he concluded that book publishing is "the triumph of faith or belief over experience. □

Travels and Seminars

Professors E.B. Burnside and J.W. Wilton, Animal and Poultry Science, presented invited papers at the Second World Congress on Genetics Applied to Animal Improvement, held at Madrid, Spain. Prof. Burnside presented a paper, "Design, Structure and Economics of a National Dairy Cattle Improvement Scheme," and Prof. Wilton on, "Choice of selection Criteria in Breeding for a Defined Objective."

Professor B.W. Kennedy also presented a paper "Genetic Evaluation of Growth Rate and Backfat of Pigs by Best Linear Unbiased Prediction." Two additional papers were presented by post-doctoral fellows: "Estimation of Genetic Variances in Control and Selected Populations," by D.A. Sorensen and B.W. Kennedy and, "Evaluating Dairy Bulls for Dystocia and Mortality of their Progeny" by R.A. Cady and E.B. Burnside.

Professor E.B. Burnside, Animal and Poultry Science, addressed the boards of directors of AI Studs and leading breeders at a National Symposium on Dairy Cattle Selection, in Modena, Italy. His paper was: "Application of Quantitative Genetic Principles in Dairy Cattle Improvement."

Professor Kenneth Graham, English Language and Literature, presented a paper, "Gothic Coherences in Godwin's *Caleb Williams*," at the ninth general meeting of the Canadian Society for Eighteenth-Century Studies in Edmonton. Prof. Graham was elected regional vice-president of the Society.

The stress show

Consumer Studies professor, Keith Slater has found a novel way to combine his interest in the theatre with his research in the area of human comfort. For the District 707 Rotary Conference held at Guelph recently, he devised an unusual way of illustrating the topic of stress, which was the theme of one of the plenary sessions.

Prof. Slater wrote and directed four vignettes, each dealing with a specific situation in which stress is important. After each one, a medical practitioner experienced in the area of stress analyzed the situation from a clinical point of view, described how the problem could have arisen and what approach would be taken in treatment. An opportunity was then provided for the audience to ask questions and participate in a discussion of all aspects of stress.

To begin and end the "stress show", Prof. Slater wrote two one-act comedies in which stress is taken to absurd limits. These were entitled "A Friend in Need", in which a well-meaning but insensitive church visitor emotionally destroys a young married couple, and "A Problem With Dinner", in which an elephant appears at the home of a social-climbing hostess on an important occasion. The latter play was presented at a Guelph Little Theatre workshop earlier this year and received enthusiastic reviews. The entire presentation has been recorded on video tape, edited, and made available for use by psychologists in teaching or clinical situations. □

Professor Jimmy Law, Physics, attended the X82 International Conference on X-Ray and Atomic Inner Shell Physics in Eugene, Oregon, where he gave an invited talk, "Relativistic Theory of Shakeoff Accompanying Beta Decay."

He also visited Floating Point Systems in Beaverton, Portland, where the FPS164 Array Processor is being built. It is scheduled to arrive on campus in mid-November.

Flora Francis, Library, attended the annual meeting of the Association of Canadian Map Libraries held in Ottawa.

She also attended the Conference of the International Federation of Library Associations (IF LA) in Montreal. This Conference was only the second to be held in North America.

Professor Claude A. Guldner, Family Studies, presented a day-long workshop, "Blended Families," for the Quebec Family Life Educators Association in Montreal. He also delivered the first Margaret Lester Memorial address at the Associations plenary session on "Keeping in Step With Step-Parenting."

Professor E.L. Menzie, School of Agricultural Economics and Extension Education attended the Northeast Agricultural Economics Council meetings held in Burlington, Vermont; the Agricultural Institute of Canada annual conference and the Canadian Agricultural Economics Society annual meetings at the University of British Columbia where he presented a paper "Free Interprovincial Trade or Provincial Self-Sufficiency in Agricultural Products?." He also attended the American Agricultural Economics annual meetings at Utah State University, Logan, Utah.

International Programs offers workshop

Twelve high school teachers came to a "Dialogue on Development" workshop at the Centre for International Programs October 22.

The workshop, part of the Wellington County Board of Education's professional development day, was presented by Wilma Van Berkel, manager of the development education program, which is largely funded by the Canadian International Development Agency.

The focus of the workshop was ways to incorporate international issues and themes into the secondary school classroom. After participating in joint activities and discussion, the teachers were provided with a package of educational materials and resources and given a tour of the development education resource library. The evaluations, received after the workshop, indicated that it was worthwhile and most of the teachers said they would be back.

The development education program provides assistance and information on international education to university and community groups and individuals. Details: Ext. 3778.[]

Goods and Services

Available

Craftsman-handyman, all trades, specializing in older homes, 856-9268; seven kittens, 822-3138; part-time scientific programmer, 837-3015; two professional typists for essays, reports, assignments, etc., 821-3547.

For Sale

Autumn leaf mahogany dining room set, coffee table, end table, glass sliders for standard windows, 846-9925; colonial-style chesterfield, chair, two end tables, coffee table, two bar stools, 836-5093 after 1800; 9" Panasonic video monitor, 3328; child's Nordica ski boots, size 13, child's cross-country skis and poles with spring bindings, ages 4 to 8, 3836; girl's skates, size 12, 821-2087; two easy chairs, roll-away bed, valet chair, end table, 821-5874, after 1730; registered black miniature poodle puppies, 21" b&w TV, 843-4369, evenings; grand jewel parlor stove with mica windows, 2608; 1973 VW Super Beetle, 836-3795; Italian Perego baby carriage, 8775; taupe velour and walnut sofa, chair and footstool, 837-2686; 1980 Chevy Malibu station wagon, 3387; ladies' full-length leather coat, size 14, suits, blouses, size 12, 822-0343, evenings.

Wanted

Used cross-country skis, youths, 5' to 5'6", 846-9925; ride from Kitchener to Guelph, fall and winter semesters, 830 to 1645, 2213; children's cross-country skis for 7 year old, girl's skates, size 1 or 2, 821-2087; mature person to care for two preschool children, 5 and 2.5 years, Jan. 17 to 24, 1983, 821-6136.

Accommodation

For Rent

Four bedroom house, central Guelph, Jan-Aug, 1983, 822-6081, evenings; two bedroom apartment, Paisley-Glasgow area, available Nov. 15 or Dec. 1, 836-5334; furnished three bedroom, semi-detached house, Feb-Aug, 1983, 836-5447; three bedroom house with study, downtown, Jan. 1 to April 30, 823-2397.

For Sale

Three bedroom townhouse, west end, 822-0343, evenings.

WATERCOLOR paintings, batiks and copper enamel work by Guelph artists Marlene Jofriet and Maureen Gaskin will be shown at the Faculty Club from Sunday, November 7 to December 11. You may meet the artists at a reception Sunday, November 7 from 2 to 5 p.m. in the Faculty Club.

Next Week at Guelph

THURSDAY, 82 11 04

Continuing Education - PRIVATE HOME DAY CARE, Howard Clifford, 900, Ext. 3956 to register.
Graduate Research Seminar - MORPHOLOGIC ASSESSMENT OF HEMATOPOIESIS IN 164 DOGS, B. Hoff, 1110, OVC220.
Faculty Association - EXECUTIVE MEETING, 1200, Faculty Club Board Room, level 5, UC.
Thursday Noon Hour Concert - YANCHUS AND HIBBARD, duo-pianists, 12 10 - 1245 and 1310-1345, MacK107.
Staff Development Seminars - IMPROVING WRITTEN COMMUNICATIONS, Susan D. Milne, 1330, UC441.
Apiculture Club - SOME PLANT AND ANIMAL RELATIONS IN THE TROPICAL RAIN FORESTS OF SULAWESI, INDONESIA, Dr. P. Kevan, 1710, Graham Hall, Rm 200.
Worship - CATHOLIC MASS, 1710, chapel, level 5, UC.
Fellowship - INTER-VARSITY CHRISTIAN, 1900, ASN141.
Sports - HOCKEY, Waterloo at Guelph, 1930.

FRIDAY, 82 11 05

Preregistration - IN COURSE STUDENTS, last day to preregister.
Worship - ANGLICAN EUCHARIST, 1700, Johnston Hall 158.
Friday Flick - CINDERELLA, 1900 and 2100, PS105, 50 cents.
Inner Stage - JOHN SYNGE COMES NEXT, Maurice Good, Inner Stage, MacKinnon building, 2000, Ext. 3940 for tickets.
OAC - CANADIAN GREENHOUSE CONFERENCE, University of Guelph, Ext.2783 for details.
Sports - WOMEN'S HOCKEY, Guelph at York; WOMEN'S VOLLEYBALL, Can/Am Tournament, Guelph at Windsor; MEN'S VOLLEYBALL, Laurier at Guelph; MEN'S BASKETBALL, Ottawa Tournament, Guelph at Ottawa; SWIMMING, Guelph at York, 1900; WOMEN'S BADMINTON, Guelph at McMaster.

SATURDAY, 82 11 06

Continuing Education - FARM PONDS, 930, Ext.3956 for details.
Bedding Plant Session - all day at PCH.
Sports - HOCKEY, Guelph at York; VOLLEYBALL, Can/Am Tournament, Guelph at Windsor; MEN'S BADMINTON, MW Division, Guelph at McMaster, 1000; MEN'S BASKETBALL, Ottawa Tournament, Guelph at Ottawa; RUGBY, OUAA finals; CROSS COUNTRY, CIAU, Guelph at Laurentian; WOMEN'S BADMINTON, Guelph at McMaster; WOMEN'S BASKETBALL, Guelph Tournament at Guelph.
OAC - BIRD FEED AND FEEDERS, 1300, Arboretum, Ext. 3932 for details.
Irish Pub - ART LUNDY, 2000, UC103.
Inner Stage - JOHN SYNGE COMES NEXT, Maurice Good, Inner Stage, MacKinnon Building, 2000, Ext. 3940 for tickets.

SUNDAY, 82 11 07

Cycling Club Ride - HESPELER, 1000, front of UC.
Worship - CATHOLIC MASS, 1010, PCH; CAMPUS CHURCH SERVICE, 1030, PS113.
Arboretum - SUNDAY AFTERNOON WALK, 1400, J.C. Taylor Nature Centre, details Ext. 3932.
Art Display - MARLENE JOFRIET AND MAUREEN GASKIN, watercolors, batik and copper enamel work, 1400, Faculty Club, level 5, UC.
Sports - BASKETBALL, Guelph Tournament at Guelph.
Sunday Cinema - RAGTIME, with James Cagney, 1900 and 2100, WMH.

MONDAY, 82 11 08

CUSO - INFORMATION TABLE, 1000, UC Courtyard; MEETING, 1930, UC442.
Careers and Jobs - JOB SKILLS WORKSHOP, 1300, register at the Connections Desk by 1100.
University Bible Studies - CHRISTIAN ISSUES AND APOLOGETICS SEMINAR, 1830, MacK229.
TV Series - SPOTLIGHT ON THE UNIVERSITY OF GUELPH, Ingrid Jenkner, Macdonald Stewart Art Centre, 1830, Cable 8.
Continuing Education - RAISING RABBITS, 1900, Ext. 3956 for details.
Lecture - SYGMUND PRZETAKIEWICZ, leader of Solidarity in Canada, 1930, UC103.
Inner Stage - LECTURE ON GREEK TRAGEDY, Leo Ayles, 2000, Inner Stage, MacKinnon building, Ext. 3147 for details.
Meet the Authors - NORMAN ENDLER, 2030, Bookshelf Cafe.

TUESDAY, 82 11 09

Our World - A FAIR SHARE OF WHAT LITTLE WE HAVE, Tanzania's model health care system, 1210, UC442, Ext. 859 1 for details.
Lecture - LABORATORY SAFETY: CHEMICAL HANDLING, 1315, UC 103.
Art **Movie** - JUDY CHICAGO'S DINNER PARTY, 1500, Macdonald Stewart Art Centre Lecture Room.
Physics Colloquium - NONLOCAL POLARIZABILITY DENSITIES AND COLLISION-INDUCED SPECTROSCOPIC PROCESSES, Prof. Katharine Hunt, dept. of chemistry, Michigan State University, 1600, PS113.
OAC - SWINE HEALTH RESEARCH REVIEW DAY, PCH, Ext. 3064 for details.
Worship - GOD MAN AND WORLD, 1700, UC332; CATHOLIC MASS, 1710, chapel, level 5, UC.
Careers and Jobs - RESUME WRITING CLINIC, 1800, Counselling and Student Resource Centre.
Sex Information Seminar - 1830, UC103.
Sports - WOMEN'S HOCKEY, Guelph at York; MEN'S HOCKEY, Laurier at Guelph, 1930.

WEDNESDAY, 82 11 10

Continuing Education - APPLIED AGRICULTURE FOR THE NOVICE FARMER, Ext. 3064 to register.
Worship - ANGLICAN EUCHARIST, 1200, Johnston Hall 158; CATHOLIC MASS, 1200, chapel, level 5, UC.
Biochemistry Seminar - GENETIC ENGINEERING OF INSULIN AND VACCINES, Dr. Eric James, Recombinant DNA Group, Connaught Laboratories, 1200, PS222.
Art Workshop - COLOR, with Michael Leblanc, 1400, Macdonald Stewart Art Centre Studio, 837-0010 to register.
Worship - CHRISTIAN DOCTRINE CLASS, 1700, UC334; IMMANUEL FELLOWSHIP, 1900, ASN141.
Sex Information Seminar - 1700, UC441.
Cycling Club Ride - EDEN MILLS, 1715, front of UC.
Careers and Jobs - INTERVIEW SKILLS CLINIC, 1800, register at the Connection Desk by 1500.
Sports - WOMEN'S BASKETBALL, Guelph at Laurier, 2000; MEN'S BASKETBALL, Guelph at Toronto, 2000; VOLLEYBALL, Western at Guelph, 2000.

THURSDAY, 82 11 11

Service - REMEMBRANCE DAY, 1055, WMH.
Graduate Student Research Seminar - UREA PLASMA AS A CAUSE OF INFERTILITY IN CATTLE, C.M.A. Kreplin, 1110, Pathology 220.
Thursday Noon Hour Concert - RIVKA GOLANI-ERDESZ

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