

Fall Convocation October 3

Guelph to honor economist

A Canadian economist who was one of the first to write widely on natural resources economics, and who, throughout his career, has maintained a high interest in public policy issues, will be honored by the University at fall Convocation, October 3. Dr. Anthony D. Scott of the University of British Columbia will receive an honorary LL.D. degree and address Convocation at the afternoon ceremony beginning at 2:30 p.m. Dean of Graduate Studies, Professor Herbert Armstrong will address the morning ceremony at 10 a.m.

One of Dr. Scott's early and continuing concerns has been to define constitutional parameters from an economic point of view as it relates to federalism and the bureaucracy.

His writings from the early 1950's on the subject of transfer payments in a federal state are still widely quoted.

Perhaps Dr. Scott's most important continuing work has been in the area of natural resource economics, an area in which he was one of the pioneers on the international scene. His concerns have ranged from international fisheries to optimal depletion of a mine. While concerns about natural resources receive such high priority today, few paid much attention in the early 1950's when a

handful of scholars, including Dr. Scott and another Canadian, Scott Gordon, who now teaches at Queen's and Indiana Universities, began expressing their concerns.

Another topic that has occupied Dr. Scott's attention is the so-called brain drain issue. His writings in this area explore the costs and benefits of permitting professionals to move from country to country and of international academic exchange.

Dr. Scott, who is professor of economics at UBC, is a graduate of that university. He received a Master's degree from Harvard and a Ph.D. from the London School of Economics in 1953. He first joined the faculty of the University of British Columbia in 1949 and served as head of the department of economics from 1965 to 1969. He served as a staff member on the Royal Commission on Canada's Economic Prospects from 1955 to 1956. He is a Fellow of the Royal Society of Canada. Prof. Scott has served as a visiting Fellow at the University of Chicago and the Australian National University, as a Canada Council Senior Research Fellow, and on public bodies and commissions.

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Nature trails for handicapped to open

It is commonly assumed that nature trails are for hikers and other hardy souls who spend a great deal of time in the out-of-doors. At the University of Guelph Arboretum, however, they plan nature trails to serve the needs of the widest possible range of visitors, points out Arboretum Director, Professor Erik Jorgensen.

The Arboretum will officially open two nature trails specially planned and designed for handicapped visitors Tuesday, September 30. One trail is particularly designed for wheel chairs and baby strollers. The other, called the "sensate trail," has been planned with the visually handicapped in mind.

Naturalist Alan Watson, who helped plan and develop the special trails, points out that they are but one facet of the Arboretum's concern to encourage the public to make use of the Arboretum's facilities. It offers a range of seasonal activities on Saturdays and in the evenings. These range, in the current semester, from a nature photography workshop to stargazing. The J.C. Taylor Nature Centre in the Arboretum provides a focus for such programs and even offers hot chocolate and tea for snowshoers and cross-country skiers during the winter.

The ceremonies on September 30 will take place at the J.C. Taylor Nature Centre at 2 p.m. Representatives of the Institute for the Blind and Guelph Mobility Service will take part, along with University and civic officials. In case of unfavorable weather, the ceremonies will take place in the Arboretum Centennial Centre auditorium. □



Calgary Stampede fever takes over as Guelph students cheer the contestants in the Calf Scramble held at the Dairy Barn September 19 as part of Aggie Week '80 activities- The week of events concluded with the popular tractor rodeo and a Round-up Pub-

Meeting of September 16

Two hours were added to the centuries old debate on defining a liberal education Tuesday night. At the first Senate session of this academic year, a full house of student, faculty and alumni representatives discussed the nine recommendations contained in the report, *Liberal Education: Affirming A Commitment*. The report, prepared by the *ad hoc* Senate Committee to Study Liberal Education, was tabled at the May meeting of Senate by the chairman, Philosophy professor, Doug Odegard.

The recommendations in the report were accepted as notices of motion for resolution at the October 21 meeting of Senate. The report defines a liberal education, reaffirms the value of a liberal education, indicates ways in which Guelph falls short of achieving a liberal education, and outlines measures for improvement.

For many senators, the time for the debate was not long enough. But, as Vice-President, Academic, Professor Howard Clark noted, Senate was not expected to come up with final answers. "However, it owes this discussion to the students, who are promised a high quality education; to society, which will provide improved funding only when the universities explain their role in society, and to ourselves, as a Senate, for our contribution will be a mark of the academic maturity of this institution."

If one strong view emerged from the free-wheeling debate it was this: The enhancement of the liberal education component of Guelph's program will only be achieved if the faculty members are committed to the concept. People, not course offerings or structures, must guide the movement to give Guelph students the depth and breadth of study required in a liberal education. Prof. Odegard, who chaired the debate, agreed: "It has to be a human process, with a certain amount of good will and extra effort."

Comments of senators during the discussion follow:

English Language and Literature professor, John Bligh, said he agreed with John Henry Cardinal Newman, who, in *The Idea of a University* said, the reason for a large number of faculty members on one campus is because knowledge is one. "If faculty members interact, their ideas will percolate down to the students."

Philosophy professor Brian Calvert suggested that if faculty members are not able to offer the liberal education component in their courses, they must enlist the support of colleagues from other disciplines. "If this happened, we would have a really liberalizing movement on campus."

Economics professor Doug Auld said Guelph must adjust incentives to attract the type of faculty members who could incorporate a liberal approach in their teaching. Student senators, who participated wholeheartedly in the debate, said this could be achieved by present faculty members making an effort to "offer inspiration in the classroom."

Following suggestions that high school students may not be adequately prepared to benefit from a liberal education, student senator Peter Biro, B.A. Program, suggested that Guelph recommend a revision of high school curriculums. Responding, Prof. Odegard said Guelph must develop a firm conception of its own role before it tackles others.

Veterinary Microbiology and Immunology chairman, Professor Brian Derbyshire, said he believes that universities will not attract high quality students until admission procedures are revised. And that will not happen until universities look for quality, instead of quantity, he said.

Students who want the liberal education component in their studies must be self-motivated, suggested some senators. As Sociology and Anthropology chairman, Professor Wayne Thompson, said, "You can't teach without a person wanting to learn." He also urged changes in the student counselling system to provide a broader form of counselling for students.

While all senators agreed on the value of a liberal education, opinions varied as to whether Guelph is offering one. An OAC '34 graduate, alumni representative Gordon Henry, told senators that 50 years ago Aggies were required to take four years of English literature. "We dreaded the English exam more than any other. If you survived English literature under O.J. Stevenson, you survived a truly liberal education. I think Guelph has always, still does, and will continue to offer a good basis for a liberal education."

Some senators felt that the objectives of a liberal education could not be achieved in the 13-week semester system. Prof. Derbyshire cited a number of examples which, he said, left faculty members and students with little time for thought and reflection. Students, especially those taking professional programs, said they could not take on extra courses. Any additions would detract from their main program and also cut into extra-curricular activities which are an integral part of a student's total university experience, noted Ann Francis Miller, B.Sc. Program.

Senate's first representative for the General Studies Program, Tom Smith, suggested that the University introduce a lecture series expressly designed to give students an integrated perspective of their university education. (A lecture series to promote interaction between faculty members in different disciplines is recommended in the report.)

Philosophy chairman, George Todd, expressed concern that the liberal education report would go the way of the *Report on Undergraduate Interdisciplinary Programs* prepared by the Senate *ad hoc* committee for the implementation of the recommendations contained in the 1972 *Aims and Objectives of the University of Guelph*. Prof. Todd said a number of the recommendations in that report are now embodied in the liberal education document. He called on Senate to establish a

"weapon" whereby the liberal education report does not, as Prof. Calvert said, "die the death of inactivity."

Senate chairman, President Donald Forster, praised the senators for the quality of debate. Forty senators in the 155-member body were attending their first session. Student representative John Hulland, B.Sc. Program, became the first student to return for a third term.

In other business, Senate's discussion of the visa student fee and its effect on accessibility will be held at the October meeting when three notices of motion will be presented by student representative Nick Taylor, B.Sc. Program.

President Forster closed the meeting with an announcement on Guelph's encouraging enrolment statistics for the fall, 1980, semester. These were published in the *News Bulletin*, Vol. 24 No. 31, 80 09 18.

MOTIONS

Striking Committee

- Senate received the report on College representatives on library and awards committees for 1980-1981 for information.

Board of Undergraduate Studies

- Senate approved the list of graduands for the fall Convocation, 1980.
- Senate approved the membership of the Program committees of the Board of Undergraduate Studies for the 1980-1981 Senate session.

Board of Graduate Studies

- Senate approved the list of graduands for the fall Convocation, 1980.
- Senate ratified the revisions of the Ontario Council on Graduate Studies Bylaw 2, and the appurtenant procedures as approved by the Council of Ontario Universities December 14, 1979.
- Senate ratified OCGS Bylaw 3 and the appurtenant procedures as approved by COU March 14, 1980.

Board of Studies for Undergraduate Diplomas

- Senate approved the list of graduands for the fall Convocation, 1980.

Committee on Student Petitions

- Senate received the report on petitions received by the Committee during the Senate session 1979-1980 for information.

Committee on University Planning

- Senate postponed until the October meeting the debate on the notices of motion presented at the June meeting.

Committee to Study Liberal Education

- Senate discussed the nine recommendations contained in the report and accepted them as notices of motion for resolution at the October meeting of Senate. □

Radiation Safety Adviser

Physics professor Jim Pleva, chairman of Guelph's Radiation Safety Committee, has been appointed the University's Radiation Safety Adviser. He succeeds Physics professor, Bob Gage. The position, effective September 1 for five years, will demand one-third of his time. Dr. Pleva will devote the remaining two-thirds to academic duties.



The Radiation Safety Adviser is responsible for the administration of the University's AECB radioisotope licence and for implementing radiation protection programs in conjunction with related occupational health and safety activities of the Safety/Security Department. Dr. Pleva has authority to approve the use of radioactive materials and other sources of ionizing radiation on campus, and to stipulate all health physics requirements. He is administratively responsible to the Dean of Research and will also report to the University's Radiation Safety Committee and Research Advisory Board, and to the licencing division of the Atomic Energy Control Board. In addition to his various responsibilities, Dr. Pleva will be developing a new instruction program in radiation physics and radiation protection for faculty, staff and students.

Prof. Pleva, a nuclear physicist who received his Ph.D. from McMaster University, joined the Department of Physics in 1966. Prof. Pleva's research interests are in low energy nuclear fission and his studies have led to the development of experimental techniques in the measurement of fission yields. □

Faculty Club Manager

David Overton is the new manager of the Faculty Club. David was previously with the Guelph Country Club as manager, a position he held for some 10 years. Before that, he was employed by Holiday Inns, Ontario.



David is a golfer and a rugby referee. His plans for the Faculty Club include encouraging more members to participate in the Club's various social activities.

Dr. Miller to give Schofield Lecture

The Schofield Memorial Lecture will take place Thursday, October 2 at 3:15 p.m. in Music Room 107, of the Arts building. The guest lecturer will be Dr. James G. Miller, Dean of the College of Veterinary Medicine at Mississippi State University, who will speak on "The Mississippi Experience — A Reform Movement in Veterinary Medicine."

Dr. Miller is an alumnus of Guelph. He received his D.V.M. in 1949. After receiving his M.S. (Diseases of Cattle) in 1950 from Cornell, he went on to do his Ph.D. in pharmacology, graduating in 1956 from the University of Michigan. He also did a D.V.Sc. (Chemotherapy of Anaplasmosis) from the University of Toronto, graduating in 1956. He joined the Mississippi State University in 1973 as head of the department of veterinary science and, in 1974, was appointed the first Dean of the College of Veterinary Medicine at the same university. □

Fish pathology laboratory opens

A new fish disease diagnostic service is now operating on campus. Offered jointly by the Veterinary Services Branch of OMAF and the OVC, the service will meet the needs of fish farmers, aquarium owners and veterinarians, according to Pathology professor Hugh Ferguson.

The Fish Pathology Laboratory will accept either live or properly preserved specimens for diagnosis. Laboratory scientist Rick Moccia says that they prefer telephone enquiry and consultation prior to submission of a specimen. There will be a standard charge for the service.

Live or freshly dead specimens may be brought to the Laboratory in Room 275 of the Pathology building, between 9 a.m. and noon, and 1:30 p.m. and 4 p.m. daily from Monday to Friday. Specimens fixed in 10 per cent buffered formalin may be forwarded by mail to the Veterinary Services Laboratory, P.O. Box 3612, Guelph, Ontario, N1H 6R8.

In addition to disease diagnosis, the Fish Pathology Laboratory offers contract research in such related areas as disease diagnosis, fish health management, histopathology, and electron microscopy, says Department of Pathology chairman, Dr. Ted Valli. Those needing further information may call, Ext. 2681. □

Fall Convocation *Continued from page 1.*

The title of the address by Dean Armstrong will be "Some Reflections about Universities." This is Dr. Armstrong's last Convocation before he relinquishes his responsibilities as Dean of Graduate Studies, December 31. The Dean has attended close to 200 Convocations throughout his career and, in an official capacity at Guelph, over 90.

One hundred and ninety-nine graduands will mount the platform at Friday morning's ceremony in War Memorial Hall. These will comprise 15 Ph.D.'s, 19 M.A.'s, 50 M.Sc.'s, three M.L.A.'s, 14 Graduate Diploma recipients, 48 B.Sc.'s (Honors Program) and 24 B.Sc.'s (General Program), two B.Sc.'s (Human Kinetics), 10 B.Sc.'s (Agriculture), nine B.Sc.'s (Engineering), two B.L.A.'s and three Associate Diplomas in Agriculture.

At the afternoon ceremony 33 B.A.'s (Honors Program), 114 B.A.'s (General Program), 22 B.A.Sc.'s and four B.Comm.'s will be conferred.

Guelph's Chancellor, Dr. Pauline McGibbon, will preside at both ceremonies. A reception will follow, both morning and afternoon, in Peter Clark Hall on level 0 of the University Centre. □

AECB radioisotope licence renewed

The Radiation Safety Committee of the Research Advisory Board has revised its policies and procedures documents to incorporate new recommendations from the Atomic Energy Control Board. The revised policy, which has received University approval, has been distributed. An application for renewal of the University's consolidated radioisotope licence was subsequently submitted to AECB. Assessment of the renewal application included an inspection of campus radioisotope laboratories by AECB officials and a new consolidated radioisotope licence was issued to the University in May.

This licence authorizes the use of radioactive prescribed substances for teaching and research purposes for a further two-year period. The materials licenced include open source radionuclides, sealed source radionuclides, electron capture sources for gas chromatography, the cobalt gamma cell, and the neutron pool 500 facility.

The Atomic Energy Control Board again requires, as a condition of the radioisotope licence, that the use of radioactive materials at the University first be approved by the Radiation Safety Committee. The Committee has authorized approximately 100 projects. Since 1976 the Committee's policy documents outline the radioisotope project system which has been implemented.

The licence application documents and the University's AECB radioisotope licence are available for scrutiny by interested members of the University community. Persons may contact either Professor J.F. Pleva, Radiation Safety Adviser, Ext. 3549 or G.G. Byford, Radiation Safety Officer, Ext. 3132. □



**PUT THE BITE ON
ENERGY WASTE
SWITCH IT OFF!**

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Bird, R.P. and H.H. Draper, 1980. "Effect of Malonaldehyde and Acetaldehyde on Cultured Mammalian Cells: Growth, Morphology and Synthesis of Macromolecules," *J. Toxic- Environ. Health* 6: 811-823 (Nutrition).

Christofides, L.N., 1980. "An Empirical Analysis of Bond Markets and Their Implications for the Term Structure of Interest Rates," *The Manchester School*, June, pp. 111-125 (Economics).

THE UNIVERSITY CENTRE and the Department of Drama will present "The Wonderful! World of Sarah Binks," on Friday, September 26 and Saturday, September 27 at 8 p.m. in the Inner Stage, Arts building.

"The Wonderful! World of Sarah Binks" stars Eric Donkin, one of Canada's finest character actors and comic performers, as the redoubtable "Miss Rosalind Drool." In the production, "Miss Drool," alias Donkin, brings to life many of the hilarious poems of the mythical Sarah Binks, "The Sweet Songstress of Saskatchewan," who was born and raised on a Saskatchewan farm in the early part of this century-

Tickets, general \$5, students/senior citizens \$4, are on sale at the central box office in the courtyard of the University Centre, Ext. 3940.

THE ONTARIO YOUTH CHOIR will give the first concert in the Merry Organ Concert Series at Chalmers Church, Quebec Street, Guelph, Monday, September 29 at 8 p.m. Tickets may be purchased at the box office in the courtyard the University Centre.

THE GUELPH STAMP CLUB'S annual exhibition is set for October 18 at St. James Junior High School, 57 Victoria Road North, Guelph, from 10 a.m. to 6 p.m. Admission and parking is free. Contact Mrs. Lois Beamish, 824-1182, for more information.

Cole, K-S. and D.L.G. Noakes, 1980. "Development of Early Social Behavior of Rainbow Trout, *Salmo gairdneri* (Pisces, Salmonidae)," *Behavioral Processes* 5: 97-112 (Zoology).

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Noakes, D.L.G., 1980. "Social Behavior in Young Charrs," in E.K. Balon, ed., *Charrs: Salmonid Fishes of the Genus Salvelinus*, The Hague: W. Junk, pp. 683-701 (Zoology).

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Agricultural Assistant, Animal and Poultry Science. Salary grade 016. Starting rate \$296.13. 6 month job rate \$310.85. 1 year job rate \$325.59. Purchasing Clerk, Purchasing. Clerk II. Salary range \$199.55 - \$289.81.

Accounting Clerk, General and Trust Accounting- Clerk II. Salary range \$199.55 - \$289-81. Senior Accounting Clerk, General and Trust Accounting. Clerk III. Salary range \$240.98 - \$343.63. Programmer-Analyst, Administration Systems and Programming. Salary competitive and commensurate with qualifications and experience. (Open to on-campus employees only.)

Development Officer, Alumni Affairs and Development. Salary commensurate with qualifications and experience.

Professor Shela Gorinstein

A senior lecturer in the Department of Pharmaceutical Chemistry, the Hebrew University, School of Pharmacy, Jerusalem, Israel, Dr. Shela Gorinstein will be on campus during October as a visiting professor in the Department of Food Science. Dr. Gorinstein's area of research and teaching is in the analytical chemistry of beverage. She has worked in this field for the past 20 years in the USSR and in Israel.

Dr. Gorinstein will present a seminar entitled: "Preparative Separation Principles in the Chemistry of Beverages," Friday, October 17, at 11 a.m. in Room 202, Department of Food Science. She will also speak on: "Changes in Nitrogen, Polyphenol and Fatty Content in Beer Following Enzymatic Action" Tuesday, October 21, at 4 p.m. in Room 202, Department of Food Science. []

FACS Sheet discusses continuing research into learning problems

Some children seem almost doomed to failure in school. Traditionally, attempts to deal with their learning problems have focused on the child as the "owner" of the problem. Today, faculty in Family Studies are joining a growing group of educators and psychologists who believe that the child's environment is an important — and sometimes the major — part of the learning problem.

The latest *FACS Sheet*, published by the College of Family and Consumer Studies, describes their approach to diagnosing and treating learning problems. Their approach is two-fold. They analyze the behavior of the problem child, including his thought processes, feelings and attitudes. In addition, they investigate the relationship between the problem behavior and the child's context — his parents, siblings, peers and teacher. This investigation, says the *FACS Sheet*, often reveals that the child's environment "requires" that he have a learning problem. The people in his life consciously or unconsciously demand that kind of behavior from the child.

"Early identification of learning problems is essential," says Professor Bruce Ryan in the *FACS Sheet*, because remediation becomes more difficult as the child gets older. Professor Andor Tari stresses the role of the family in the identification and treatment of learning problems. "Dealing with families as well as individual children works. It always has worked, but it takes more time and effort. We have to demonstrate that parent involvement is worth the extra time and effort."

Children suffering from learning problems have "inefficient methods of gathering, organizing and processing information, particularly the written symbol," explains Professor Griff Morgan. He claims that as many as 10 per cent of children experience some difficulty in coping with the written word and, in some cases, the problem is severe enough to seriously impair performance on basic intellectual skills.

The faculty whose views are aired in the *FACS Sheet* will be among those involved in a new child and family development unit associated with the Department of Family Studies. The unit is organized to facilitate the participation of faculty and students in other Departments, such as Psychology and Human Kinetics. With its broader academic and research base, the unit will enable faculty to continue and expand upon the well known research and service programs associated with the Centre for Educational Disabilities. The new unit will support a spectrum of child and family related research within the Department of Family Studies and throughout the University.

The University's research and service programs will be expanded and strengthened with the establishment of the child and family

development unit," predicts Family Studies chairman, Richard Barham.

According to the *FACS Sheet*, there is a great potential for children with special problems if we use, effectively, the available resources — the school, community and family. The faculty in the Department of Family Studies will encourage this eclectic approach through the new research unit.

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

Guelph to host Reformation Studies

The University of Guelph-Waterloo Consortium on Reformation Studies will be held Friday, September 26 at 2 p.m. in Room 121 of the Arts building under the chairmanship of History professor Ted Cowan.

The sessions begin at 2 p.m. when Dr. John Durkan professor of history at the University of Glasgow and a Winegard Visiting Professor for the fall semester at Guelph, will speak on "Scottish 'Evangelicals' in the Patronage of Thomas Cromwell." At 3:30 p.m., Guelph graduate student, David Howie, will speak on "Recusancy and Counter-Revolution in Marian Scotland, Easter, -1563."


There is no registration fee, and all students and other interested persons are welcome. Contact Prof. Cowan, Ext. 3226, for more details. □

Bargaining units settle

The University of Guelph and five bargaining units — the Canadian Union of Public Employees, Local 1334, the University of Guelph Staff Association, the University of Guelph Food Service Employees Association, the Canadian Union of Operating Engineers and General Workers, and the Canadian Guards Association — have settled negotiations for

CUPE union members, representing the 400 trades, maintenance and service people, settled for a 10.5 per cent hourly wage increase, effective May 1; the Staff Association, for 800 employees, 9.5 per cent basic, 1.4 per cent merit, as of July 1; Food Service, representing 40 regular full-time employees, 10.5 per cent as of May 1; the Engineers and General Workers, for 13 workers, 10.5 per cent, effective July 1, and the Guards, representing 11 security people, 10.5 per cent, effective September 1.

The professional staff, totalling 220 employees, received an 8.15 per cent basic, 2.5 per cent merit increase as of July 1. □



For Sale — Dark and light green rug, approximately 7' x 12', ladies' 3-speed bike, cat carry cage approved for air lines, 3' high unfinished wood stool, 824-6533, 6 p.m. to 10 p.m., weekdays; 39" x 77" single bed with headboard, wall sink with taps, ironing board with cover, 821-0389; complete Girl Guide uniform, size 8, girl's "banana" seat bike, suitable for 8 to 10 year old, Brownie uniform, size 8, 658-9938 after 6 p.m.; high chair and crib, 821-9228, 1968 Rambler, 6 cyl., certified or as is, Bob Watson, 821-2808; 27 cu. ft. Moffat fridge, 30" Moffat range, single bed box spring and mattress, double bed box spring, portable TV stand, 824-7293 after 5 p.m.; Kenmore automatic washing machine, 821-3724-

Wanted to Buy — Drafting board and machine, must be in good condition, 824-4334 after 5 p.m.


Wanted — Daily or weekend ride from Guelph to Toronto, willing to share expenses, 3523 or 3589.

Available — Day care in stimulating home atmosphere, University area, 837-0117.

Accommodation

For Sale — Fifty acres of rolling hardwood bush, well crafted, energy efficient board and batten house, 3 bedrooms, full bath, drilled well, hydro, septic system, telephone, potential for pond, within 75 miles of Guelph, L. Adey, 1-416-929-0982 or 1-519-794-3023 Chatsworth; executive condominium overlooking park and river, broadloom throughout, large living room with stone fireplace, dining room, 3 bedrooms, 1½ bathrooms, many appliances included, owner leaving country, no agents, 821-1495; Alberta side-split, exclusive residential area, over 2,000 sq. ft. living space, 821-4902.

For Rent — Furnished house to share, 6 miles south of campus, for 1 or 2 people for fall semester, car pool available, no lease, 824-0787 or 3786.



BRUCE PLUMB, viola and Barbara Lister-Sink, piano, will perform at the Thursday Noon Hour concerts, 12:10 p.m. and 1:10 p.m. October 2 in Music Room 107 of the Arts building. Admission is free to these performances, sponsored by Concert Management.

Mr. Plumb is a member of the Pittsburgh Symphony Orchestra. Ms. Lister-Sink is teaching piano and chamber music at the Eastman School of Music and is pianist-in-residence for the New Hampshire Music Festival.

Their first program will include Schumann's *Marchenbilder, Op. 113* and *Sonata, Op. 11, No. 4* by Hindemith. Program II will consist of *Sonata in G Minor* by Henry Eccles; *Lamentations of Jeremiah* (1959) by the Canadian composer, Milton Barnes, and Brahms's *Sonata in F Minor, Op- 120, No. 1*.

THE CENTRAL RESERVATIONS and Conference Office is now located in Room 124, Johnston Hall. Reservations for rooms and facilities may be made between 8:30 a.m. and 12 noon and 1:15 p.m. and 3 p.m. For further information, telephone Ext. 3015 or 3016.

Working Together

Several staff from the Counselling and Student Resource Centre participated in the 1980 conference of the Canadian Association of College and University Student Services held in Victoria, B.C. Peggy Patterson, study skills advisor and Cathy Baird-Smith, program planner, presented the paper, "START by Learning Effectively," a discussion of active orientation programs for freshmen.

In a paper entitled "Radioactive — Reaching Students Via the Airways," therapist Norman Demers explored the potential for reaching large groups of students in the university community through the use of the campus radio station- Elizabeth Honneger, co-ordinator of Counselling Services, participated in a panel discussion, "The Mature Student: Are We Ready?" and she also addressed the topic, "The Mature Student — Needs, Services and Gaps."

Professor Francoise Boudreau delivered a keynote address to faculty and personnel of the New Brunswick English and French Community Colleges during their 1980 College Conference held in Fredericton.

The International Working Group on Ethics and Values of Public Responsibility held its meeting in Alcalá de Henares, Spain. Professor **O.P. Dwivedi**, Political Studies, presented a paper on training programs and course curricula on ethics for public servants. Later, he participated in the International Congress of Administrative Sciences, held in Madrid.

Professor J.C. George, Zoology, was an invited speaker at the second International Symposium on Avian Endocrinology held at Benalmadena, Spain. He spoke on "Structure and Physiology of the Posterior Lobe Hormones." The Proceedings will appear as a book under the title *Avian Endocrinology*, to be published by Academic Press, New York.

Prof. George was also the chief guest at the 5th

All-India Symposium on Comparative Physiology held at Poona, India. He inaugurated the Symposium and the Vice-chancellor of the University of Poona presided. Prof. George also gave a special lecture, "Brain, Blood and Brawn." The Indian Society for Comparative Animal Physiology honored Prof. George by making him the Patron of the Society.

While in India, Prof. George also carried out some research at the department of zoology, University of Kerala, India and gave a series of three lectures on "Adaptation." He was also on the All-India Radio discussing the physiology of migration and long distance flight in birds.

Anya Laurence, pianist, Department of Music, and Professor James Harrison, English Language and Literature, were the guests of Polish Consul-General, Tadeusz Janicki, at a formal dinner and reception at the Consulate in Toronto. The event was in honor of Maestro Witold Lutoslawski, one of Poland's most celebrated composers who was in Canada for a concert tour.

Professor J.G. Murray, Continuing Education and Political Studies, conducted a seminar/workshop on "Marketing Learning Opportunities for Women" for the Waterloo Region Committee on Learning Opportunities for Women.

Douglas Waterston, Director of Information, has been re-elected to serve a two-year term on the board of directors of the Guelph Chamber of Commerce.

Mr. Waterston has also completed a term as president of the Association of Canadian University Information Bureaus (ACUIBI). Mr. Waterston handed over the president's gavel to Betsy Hirst of McGill at the joint annual meetings of ACUIBI, the Ontario Association of Alumni Administrators and the Canadian Association of University Development Officers held on campus in June. The some 135 information, alumni and development personnel from across Canada who attended the joint conference praised Guelph's Food Services and Conference operations.

John Macpherson retires after 35 years' service



Prof. Macpherson, right, with Department of Animal and Poultry Science chairman, Professor Doug Morrison.

Animal and Poultry Science professor, John Macpherson, has retired after 35 years of service to the livestock industry. His interest in students and his ability as a teacher have been appreciated by both undergraduate and graduate students, and he is recognized internationally for his research in, and contributions to, the development of artificial insemination.

Dr. Macpherson's research in semen preservation by freezing has gained worldwide recognition. While most of his research related to bovine semen and reproduction, he made some noteworthy contributions in relation to other species of livestock and poultry.

According to colleagues, his work has been instrumental in establishing the University of Guelph as one of the foremost research centres for artificial insemination techniques in the world.

Dr. Macpherson has not retired completely from research and teaching. His penchant for giving of himself is benefitting the animal breeding industry in many countries in the southern hemisphere as he is now giving short courses in seven university centres in Brazil.

He first joined the faculty of the Department of Clinical Studies in OVC in 1946, and in 1963 transferred to the Department of Animal Science in OAC. For a number of years, he was chairman of graduate studies in the Department of Animal and Poultry Science. □

DR. JAMES G. MILLER, Dean of the College of Veterinary Medicine at Mississippi State University, will give a lecture to OVC faculty on the computer program at Mississippi State, Friday, October 3, 3 p.m. in 508, OVC.

Dr. Miller will describe the computer program as "a management information system for all facets of a veterinary institution, beginning with, but not limited to, clinical cases" and as being "in effect, the communication system of the College for real time, full access of all events."

Community Development Society plans meeting

Anyone who is interested in community affairs and development is invited to an information meeting Friday, October 17 at the University — time and location to be announced in the next issue of the *News Bulletin*.

Under discussion will be the formation of an Ontario chapter of the Community Development Society, an international organization largely centred in the United States. The purpose of the Society is to improve the quality of life in communities by providing a forum for the exchange of ideas and experiences and the development of common interests, by disseminating community development information to the public, advocating excellence in community programs, scholarship and research and by provoking citizen participation.

Professor Weldon Findlay, School of Agricultural Economics and Extension Education, who has been a member of the board of directors of the Society for the past two years, points out that there is no organization of this kind in Canada, although he has found a good deal of interest in academic communities, among field workers in certain govern-

ment agencies, people working with ethnic groups and in isolated northern communities, people working with seniors as well as those working in the official planning process in establishing such a group in Canada. Prof. Findlay hopes that the October 17 meeting will take the form of a workshop with invited speakers and opportunities for discussion.

Establishing a chapter of the Community Development Society in Ontario would be the first step in building a network of such groups across Canada, Prof. Findlay believes. If, as a result of this meeting, a local chapter is formed, Prof. Findlay would like to invite the Society to hold its annual meeting and conference here in 1983. □

Louise Hanna McConkey

The University community notes with sadness the death of Louise Hanna McConkey of Guelph September 18 at the age of 74. Mrs. McConkey was a 1927 graduate of Macdonald Institute.

Mrs. McConkey was the wife of the late Crop Science professor, Dr. Oswald Murray McConkey, who was an internationally recognized expert on Canadian conservation and forage crops- □

Football

The stage is set for this Saturday's Homecoming Game at Alumni Stadium, as the Gryphons and the Toronto Blues will tee it up for first place in the OUAA at 2 p.m.

Both teams come into the game with two wins, no losses, with the Gryphons fresh off a 9-7 win over the Laurier Golden Hawks and the Blues a convincing 41-1 victory over the McMaster Marauders.

The Gryphon-Hawk game was a defensive battle from the outset with Guelph going up 9-0 on three field goals by Tim Quirke before Laurier managed a major score with time running out on the clock.

Soccer

The Soccer Gryphons came up with a big 1-0 win over the Toronto Blues at home Saturday, after defeating the Guelph Oaks 3-0 in an exhibition game last week.

The Gryphons will host the R.M.C. Redmen at 1 p.m. Saturday. On Sunday, they will travel to Laurier to take on the Golden Hawks.

Rugby

The Rugby Gryphons also got off on the right foot, with a 17-6 win over the R.M.C. Redmen in Kingston.

The Gryphons will take a break from league play this Saturday when they will hold an alumni game at noon as part of Homecoming festivities. They will return to league action next Wednesday when they will host Waterloo at 8 p.m.

Tennis

The women's team placed third overall behind Western and McMaster who tied for first at the Guelph Invitational held at the Oxford Racquets Club in Cambridge. The team will be involved in the singles event at McMaster this weekend.

The men's team failed to qualify at the Mid-West Divisionals held at McMaster over the weekend, placing third behind McMaster and Brock.

Golf

The golf team placed fourth in the York Invitational held at the Westview Golf and Country Club last week. Top Guelph finisher was Don Cherry who was third at 76, with Jeff Parks placing 6th with a 78. The team will compete in the OUAA semi-final tournament this Thursday and Friday on the same course.

Cross-Country

At the Western Invitational this weekend, the men's team placed fourth overall with Mark Beaudoin placing third and John Phelps, seventh.

The women's team saw Janet Pegrum place seventh. Janet Beattie ended up in tenth position. The team will take part in the York Invitational this Saturday.

Field Hockey

The Field Hockey Gryphons took a pair of games in the High School Early Bird Tournament held on campus this Saturday. Four high school teams competed. Three varsity clubs also took part.

The Gryphon varsity team will compete in the Early Bird Tournament at York this weekend.

Volleyball

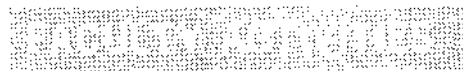
The University of Guelph hosted the District 10 Tip-Off Tournament this weekend, with five teams competing. Guelph CVI had the best record after the round robin affair, logging eight straight wins for four straight matches to give them eight points.

Gryphon of the Week

Andrew Donnelly of the Rugby Gryphons has been named recipient of Gryphon of the Week honors for the week of September 14 to September 21.

The 6'2", 210 lb. forward scored five points and played an outstanding overall game to lead the Gryphons to a 17-6 victory over the R.M.C. Redmen in Kingston, September 20 in the first game of the regular season.

Andrew is a fourth semester science student from Ottawa. He is a former football player from John Abbott College in Montreal, and this is his second season with the Rugby Gryphons. □



Several present and former Department of Animal and Poultry Science people have been honored recently.

At the 69th annual meeting of the Poultry Science Association, Dr. R.J. Etches received the Poultry Science Association Research Award. This is given to the member who, in the preceding calendar year, published the most outstanding research paper in poultry science.

At the annual meeting of the Canadian Society of Animal Science held in Edmonton, retired professor, Robert P. Forshaw, was granted an honorary life membership in recognition of his long and valued service to the Society. He also received the certificate of merit for outstanding contributions to the livestock industry and to the attainment of goals and objectives of the Canadian Society of Animal Science. At the same meeting, Dr. E.B. Burnside received the first silver medal awarded by the Canadian Association of Animal Breeders for his outstanding contributions in animal breeding.

Retired professor, Fred Hutt, has been elected to the Poultry Industry Hall of Fame. Prof. Hutt, Professor Emeritus, Cornell University, is a graduate of OAC. He rarely, if ever, misses returning to this campus for Alumni Day each year. □

Next Week at Guelph *Continued from page 8.* WEDNESDAY, 80 10 01

United Way — UNIVERSITY'S CAMPAIGN '80 BEGINS.

Luncheon Special — 11:30 to 13:30, PCH, UC.

The **Brown Bag** — HOW TO SAY "NO" AND NOT FEEL GUILTY, 12:00, UC 441.

Nutrition Research **Seminar** — AROMATIZATION (ESTROGEN BIOSYNTHESIS) IN HUMAN PLACENTAL MICROSOMES, Dr. L.G. McGirr, 12:05, An.Sci./Nutr. 306.

Worship — CATHOLIC MASS, 12:10, Chapel, level 5, UC; ANGLICAN EUCHARIST, 17:00, UC 332.

Employment Search Program — THE RESUME, JOB LOCATION STRATEGIES, THE LETTER OF APPLICATION, 13:00, UC 301.

Meetings — CHRISTIAN DOCTRINE CLASS, 17:00, UC 335; IMMANUEL FELLOWSHIP, 19:00, 9th flge., Arts.

Job and Careers — INTEREST TESTING, 18:00.

Register at the Connection Desk, level 3, UC by 16:00.

Games Room — TABLE TENNIS LEAGUE BEGINS, 18:30, Games Room, level 3, UC.

Free Film — MEDIA: The Lambeth Walk, I.F. Stone's Weekly and Before Hindsight, 19:00, LA 204.

Film Documentaire — TBA, 19:00 and 21:00, Grand Salon, Deuxieme Etage, Maison Française.

Continuing Education Non-credit Course — WALKING IN SCOTTISH HIGHLANDS, Prof. E.C. Gray, 19:30- For more information: Ext. 3956.

Rugby — GRYPHONS vs- WATERLOO, 10:00, Alumni Stadium.

Meeting — INTERNATIONAL DANCE CLUB, an opportunity to learn English, Israeli, Greek, Bulgarian, Swedish, ballroom dancing, 20:30, Gryphon room (upstairs at Alumni Stadium). Call Ext. 8728 for more information.

THURSDAY, 80 10 02

Luncheon Special — 11:30 to 13:30, PCH, UC.

Inter-face — NOON HOUR DISCUSSION FOR INTERNATIONAL STUDENTS, 12:00, UC 441- Career Information Session — MCMaster M.B.A. PROGRAM, 12:00, UC 332.

UC Noon Concert — JANE SIBBERY AND WENDY DAVIS, 12:00, the Bullring Green, or UC courtyard in case of rain.

Thursday Noon Hour Concerts — BRUCE PLUMB, VIOLA, AND BARBARA LISTER-SINK, PIANO, 12:10 and 13:10, Arts 107. Admission free.

Employment Search Program — THE INTERVIEW, 13:00, UC 301.

Instructional Development Workshop — TEACHING IN SMALL CLASSES, second session to be arranged, co-leaders: Prof. John Bell, Languages and Literatures, and Mei-Fei Elrick, Office for Educational Practice, 15:00. Information: Ext. 3522.

Schofield Memorial Lecture — THE MISSISSIPPI EXPERIENCE: A REFORM MOVEMENT IN VETERINARY MEDICINE, Dr. James G. Miller, Dean of the College of Veterinary Medicine at Mississippi State University, 15:15, Arts 107 (Music Room).

Worship — CATHOLIC MASS, 17:10, Chapel, level 5, UC.

Royal Alex Shuttle — THE ELEPHANT MAN; bus leaves UC south entrance at 18:30. Ticket including return transportation, \$17, from the central box office, UC lobby, Ext. 3940.

University Bible Studies — THURSDAY NIGHT STUDY, 19:00, Arts 117A.

ICS Course — MARK RECORD KEEPING SYSTEM, J. Mathews, 19:00, ICS. To register: Ext. 3046 between 13:00 and 16:30.

Meeting — INTERVARSITY CHRISTIAN FELLOWSHIP, 19:00, 9th fl. lge., Arts.

Next Week at Guelph

THURSDAY, 80 09 25

Exhibit — IRISH MYTHS AND LEGEND, batik tapestries by Noirin Mooney, one of Ireland's leading artists, Faculty Club, level 5, UC until 80 10 31.

Conference — THE CONSPICUOUS CONSUMER, continues 80 09 26. Information: Prof. Dick Vosburgh, Ext. 2120.

Luncheon Special — 11:30 to 13:30, PCH, UC.

UC Noon Concerts — THE MINGLEWOOD BAND, 12:00, Bullring Green- UC courtyard in case of rain.

Thursday Noon Concert Series — ROLF LOOSER AND RALPH ELSAESSER, 'cello and piano, 12:10 and 13:10, Arts 107. Admission free.

Workshop — STUDY SKILLS WORKSHOP, 14:00 and 19:00, UC 441.

Worship — CATHOLIC MASS, 17:10, Chapel, level 5, UC.

Meeting — NAVIGATORS, 18:00, UC 442.

University Bible Studies — THURSDAY NIGHT STUDY, 19:00, Arts 117A.

Meeting — INTERVARSITY CHRISTIAN FELLOWSHIP, 19:00, 9th fl. lge., Arts.

Canadian Society for Color Lecture Series — THE COLOR OF ICEBERGS, Prof.

Jim Hunt, Physics, 19:30, 4 Heather Avenue, Guelph. Information: 836-6758.

Thursday Night Live — THE MINGLEWOOD BAND, 20:00, PCH, UC-

FRIDAY, 80 09 26

Biomedical Sciences Seminar — ACTIVATION IN MAMMALIAN STRIATED MUSCLE, Dr. J.K. Barclay, Biomedical Sciences, 11:00, Bio. Sc- 309, OVC.

Luncheon Special — 11:30 to 13:30, PCH, UC-

Worship — ANGLICAN EUCHARIST, 12:00, UC 332; MUSLIM FRIDAY PRAYERS, 12:30, Chapel, level 5, UC.

Meetings — FACULTY-GRADUATE STUDENT FELLOWSHIP, 12:00, UC 301; SEARCHING FOR A BETTER WORLD, 20:00, UC 335.

Colloquium — THE PSYCHOLOGY OF EYEWITNESS TESTIMONY: PROBLEMS OF THE ELDERLY WITNESS, Prof. A.D. Yarmey, 12:30, UC 334.

Consortium — UNIVERSITY OF GUELPH-WATERLOO CONSORTIUM ON REFORMATION STUDIES: Scottish "Evangelicals" in the Patronage of Thomas Cromwell, Winegard Visiting Professor Dr. John Durkan, 14:00; Discussion and Coffee, 14:40 to 15:30; Recusancy and Counter-revolution in Marian Scotland, Easter 1563, David Howie, History, 15:30; discussion until 16:30. Consortium in Arts 121- No registration fee- Information: Prof. Ted Cowan, Ext- 3226.

Faculty Club — PIANO BAR, 16:30 to 17:30, Faculty Club, level 5, UC.

Shuttle '80 — BOSTON RED SOX vs. TORONTO BLUE JAYS, Exhibition Stadium Toronto; bus leaves UC south entrance at 17:30. Ticket including return transportation, \$11, from the central box office, UC lobby, Ext. 3940.

Friday Films — LA CAGES AUX FOLLES, 19:00 and 21:30, PS 105. Admission 75 cents.

Homecoming '80 — MEN'S ALUMNI HOCKEY GAME, 19:00, Athletics Centre rink; GORDON LIGHTFOOT CONCERT, time TBA, Athletics Centre gym; FLOAT BUILDING, 23:00, place TBA.

Hilarious Verse — THE WONDER FULL WORLD OF SARAH BINKS, the "Sweet Songstress of Saskatchewan" as interpreted by Miss Rosalind Drool alias Eric Donkin, 20:00, Inner Stage, Arts. Sponsored by the University Centre and the Department of Drama. Tickets, at \$5 (general) and \$4 (students and seniors), at the central box office, UC lobby, Ext. 3940.

Humanities Association Lecture — THE TREASURES OF MACEDON, an illustrated lecture by Prof. Sandy MacKay, McMaster University, 20:00, Arts 107. Admission: \$2; free to students.

Pub — ALL NIGHTER, 01:30, Bullring.

SATURDAY, 80 09 27

Jobs and Careers — CHOOSING AN OCCUPATION THAT'S RIGHT FOR YOU, all day workshop. Register: Connection Desk, level 3, UC by 80 09 26.

Homecoming '80 — FLOAT BUILDING, 09:00, place TBA; PANCAKE BREAKFAST, 09:00 to 11:00, place TBA; HOMECOMING '80 PARADE, 12:00, leaves downtown Guelph for campus; ALUMNI RUGBY GAME, 12:00; HOMECOMING '80 FOOTBALL GAME: Gryphons vs. Toronto Varsity Blues, 14:00, Alumni Stadium; Gryphons vs. R-M-C. SOCCER GAME, 13:00, Campus soccer pitch; STUDENT/ALUMNI BARBECUE, 17:00, Alumni Stadium; STUDENT/ALUMNI DANCE, 20:00, Athletics Centre.

Arboretum Educational Programs — NATURE CENTRE HONEY BEE DISPLAY, beehive with clear plastic sides, on view 09:00 to 16:00, J.C. Taylor Nature Centre, every Saturday and Sunday. Come and see the bee dances, bee larvae, pollen and honey cells, and enjoy some honey.

Pub — ALL NIGHTER, 01:30, Bullring.

SUNDAY, 80 09 28

University Bible Studies — CAMPUS CHURCH SERVICE, 10:00, Arts 117A.

Worship — CATHOLIC MASS, 10:10, PCH, UC; MUSLIM ZOHR PRAYERS, 13:30, 9th fl. lge., Arts.

Homecoming '80 — MORNING-AFTER PANCAKE BREAKFAST, 10:30 to 12:00, Branion Plaza.

Cine Series — ALL THAT JAIL, Roy Scheider, 19:00 and 21:30, WMH. \$2.

MONDAY, 80 09 29

Continuing Education — APPLIED AGRICULTURE: INTRODUCTORY AGRICULTURE, 10 evening sessions in Brantford. Information: Ext. 3064.

All You Need Is Love Video Tape — DIAMONDS AS BIG AS THE RITZ, 11:00, UC 103. Continues 80 10 01 and 80 10 03.

Women's Hour — PURSUING A NON-TRADITIONAL CAREER, 12:10, UC 441. Student Activist Film — ACTION: OCTOBER CRISIS OF 1970 (period of Pierre Laporte and James Cross kidnappings), 19:30, UC 442.

Continuing Education Non-credit Course — PROFESSIONAL DEVELOPMENT PROGRAM: PRINCIPLES OF MOBILE HYDRAULICS, Don Gordon, 19:30, to 80 12 08. Information: Ext. 3956.

TUESDAY, 80 09 30

Our World — THE BOTTLE BABY CONTROVERSY: IS IT RESOLVED?, 12:10, UC 442-

Employment Search Program — THE SELF ASSESSMENT, 13:00, UC 301.

Arboretum — OPENING OF TRAILS FOR THE HANDICAPPED, a trail for those in wheelchairs and "a sensate trail" for the blind, 14:00, J.C. Taylor Nature Centre.

Physics Lecture — RADIOCARBON DATING AND MASS SPECTROMETRY WITH ACCELERATORS, Professor A.E. Litherland, department of physics, University of Toronto, 16:00, PS 113. Information: Dr. George Renninger, Ext. 3777.

Cinema — LES FILLES DU ROY, un film d'Anne-Claire Poirier, histoire de la femme quebécoise, 16:00, Arts 026. Bienvenue à tous.

Worship — CATHOLIC MASS, 17:10, Chapel, level 5, UC-

Job Hunting — RESUME WRITING CLINIC, 18:00, Counselling and Student Resource Centre. No need to register; just drop in.

Meeting — GOD, MAN AND WORLD, an attempt to define a Christian view of reality, 19:00, UC 335.

Brief Encounters — TIME MANAGEMENT, how a student can best manage his/her time, 19:30, over CFRU (93.3 FM).

Arboretum Educational Program — FALL PHOTO WORKSHOP, 19:30, J.C. Taylor Nature Centre- Pre-register: Ext. 3932. Bring 10 of your best slides.

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