

NEWS BULLETIN

UNIVERSITY OF GUELPH

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Exhorts graduates to continue in leadership tradition

The University of Guelph and its founding colleges "have contributed a disproportionately large share to the leadership of this country and others", Veterinary Director General Kenneth Wells told graduates when he received his honorary D.Sc. degree at convocation Friday. He exhorted graduates to accept a leadership role equal to that of their predecessors.

In a time of increasing awareness of world food problems he reminded graduates that even if they are not actively engaged in agriculture, they should have a basic knowledge of the problems and the possible solutions.

As always convocation was a time for families — proud parents, and proud children. At the tea afterwards there was a swarm of children around the refreshment tables. Our photographer caught this one, middle picture, in an awkward moment. Top picture shows from left, President W. C. Winegard, Dr. Wells, Professor Emeritus W. H. Sproule, Chancellor E. M. Hall and Vice-President J. P. Smith. Bottom picture shows the first male graduate of Family and Consumer Studies receiving his degree from Dr. H. D. Branion, assistant to the president. Kenneth Devine is teaching grade four at Queen Victoria Public School in Toronto.

Two faculty members, Cyriel Duitschaever of Food Science and Hugh Whiteley of Engineering received their Ph.D. degrees, Dr. Duitschaever in microbiology and Dr. Whiteley in engineering.



Announce Ontario-Quebec exchange awards for post secondary students to study in another province

The Ministry of Education and the Ministry of Colleges and Universities have released details of the 1975-76 Second Language Monitor Program.

The federal-provincial program provides up to \$3,000 to post-secondary students to study full-time in another province while working part-time as second-language monitors. Monitors assist second-language teachers at the elementary, secondary or post-secondary level.

The program also provides travel expenses up to \$300 for one return trip between the monitor's home and the host province.

The purpose of the program is to promote learning and use of Canada's official languages.

About 160 monitors from other provinces

are expected to work in elementary and secondary schools in Ontario. These will include some English-speaking students who will help Franco-Ontarian students to learn English.

About 50 students from Ontario will work as monitors in other provinces. Most will be English-speaking students who will help teach English to francophones in Quebec and New Brunswick. Some positions will be available for Franco-Ontarian monitors to teach French to anglophone students in provinces other than Ontario.

Monitors are usually concerned with the conversation and pronunciation aspects of the second language. They work an average of six to eight hours a week under the super-

vision of a second-language teacher.

An applicant accepted for the program must enrol as a full-time student in a post-secondary institution in the province where he or she will work as a monitor.

Only Canadian citizens or landed immigrants are eligible for the program. Students applying for positions as monitors in Ontario must have completed at least one year of a university program. Preference will be given to those who are taking programs leading to the teaching of English or French as a second language.

Application forms are available from Mr. R.E. Schatz, coordinator, Educational Exchange Programs, Ministry of Education, 19th Fl. Mowat Block, Queen's Park, Toronto, Ontario M7A 1L2.

Guelph economist disagrees with doom forecasts advises land a risky investment against inflation

Canada's economy may be in for rough times ahead, but nothing as bad as the Great Depression of the 1930's, according to a University of Guelph economist.

Professor D.A. Auld, of the Department of Economics, said that in spite of the "doom and gloom" proposed by some, he is willing to rule out a depression for the foreseeable future. Inflation, and a recession of some degree, however, mean that 1975 won't exactly be smooth sailing, he added.

The word depression has come to be associated with the events of 1929-1939 and the collapse of the world economy, somewhat limiting its use in economic discussions, he said. The difference between a recession and a depression, though, is basically going from "bad" to "worse" and might be signified by a national sustained unemployment rate which exceeds 10 per cent, he explained.

His reasons for not anticipating a repeat performance of the 1930's are many, but the most important ones are the changes in the policies and attitudes of governments towards their economies since the Great Depression. Governments now have much tighter control on their economies, while central banks, like the Bank of Canada, exercise a great deal of power over financial institutions, making the financial chaos of those years almost impossible to repeat, he said. Changes in stock market practices and the market's decreased importance rules out the possibility of another economically fatal "crash", he explained.

No complete protection exists against recession, though, and the growth of the Canadian economy is expected to fall off this year, putting us into a recession. However, even the most dismal forecasts call for some growth, although less than in past years, with an unemployment rate of no more than eight

per cent, about the same as was experienced during the recession of the early 1960's, the economist pointed out.

The American economy is into a recession with almost no growth and the severity of the recession we will face will in a large part be determined by the nature and length of theirs, he said. Although Canada's economy is more diversified than it has ever been, it still relies heavily on exports, with almost two-thirds of them going to the United States. Cutbacks in demand for our lumber, autos and auto parts in the United States will play a significant role in determining the severity of the recession we will face, Professor Auld explained.

Inflation is another matter, and something we're just going to have to live with, he said. In 1975 we will still be locked in a classic wage and price spiral with prices going up as wages increase and then prices going up in response and so on. Professor Auld said, however, that he believes some of the pressures behind inflation are easing up and Canadians probably won't see as many dramatic price increases this year as they have in the last 18 months.

Land risky investment

Professor Auld has some advice for people trying to find ways to protect their money against the erosive powers of inflation. He doubts the validity of the currently popular feeling that land and gold are two good hedges against inflation. Land, at best, is a risky short term investment and does not offer the advantage of being easily and quickly converted into cash, he said. Gold prices fluctuate so wildly that it is not among the best of investments for the small investor.

If you're not content to let your savings sit in a bank account, then Professor Auld recommends bonds and housing as being among the safest investments for the small investor. The interest on government bonds is less than the present rate of inflation, but with a tax free allowance of \$1,000 on investment income, a guaranteed payment of interest and some prospect for reduced inflation over the life of the bond, the return earned may be about the same or even better than the rate of inflation, he explained. The increase in value of housing has traditionally been higher than the Canadian consumer price index over the long run, so if prices on other goods go up, housing will go up just a little more, he said.

While the increased cost of energy has been one of the main pressures behind inflation, it could also help bring about good investment opportunities for the small investor, according to Professor Auld. "Energy bonds," much like the Victory Bonds of the Second World War, could possibly be issued one day as a way of raising the large amounts of money needed for expensive exploration and development work, he said.

However, there is a catch. Although investors would be making money on the bonds, the cost of the interest would probably be raised through increased energy prices, he pointed out.

Continuing education course

Professor Auld is co-ordinating a continuing education course this semester on inflation. Members of the Department of Economics will discuss various aspects of inflation and analyse what the individual can do to plan for long term inflation.

Peanuts could become a major southwestern Ontario crop

University of Guelph scientists are looking at the possibility of Ontario's tobacco belt becoming Canada's peanut belt.

The first year of a three-year feasibility study of peanut production in southern Ontario has been completed with "encouraging results" despite a generally poor growing season, said Professor J.W. Tanner, a protein and oil seed crop specialist with the Department of Crop Science. He and Professor O.E. Hatley, an extension agronomist with the department, along with graduate student Bob Roy, have been carrying out research on peanuts for several years. The research work has been conducted with the assistance of Jim Elliott, a research scientist with Agriculture Canada at the Tobacco Research Station, Delhi.

About 20 acres of early maturing peanuts were planted on Delhi area farms last spring, with small plot research being carried out across the tobacco belt and as far north as Barrie. Planting was delayed by poor weather conditions, but yields were sufficiently high to warrant the continuation of the study, said Professor Tanner. The quality of the Ontario grown crop was rated as excellent by industrial users of peanuts, Professor Hatley said.

The study, however, is aimed at doing more than just showing that peanuts can be grown on a commercial scale in Ontario. In the next two years, assuming that yields are high enough, the researchers hope to examine all aspects of peanut production and set down possible guidelines for a peanut growing industry, from determining seed standards, the best growing techniques and evaluating the special farm machinery needed, through to storage and marketing systems and the economic ramifications of a new cash crop.

This year they hope to expand both the acreage of peanuts and the size of the research team. Professor J.H. Clark, an agricultural economist, Professor W.K. Bilanski, an engineer, and Professor D.J. Hume, another protein and oil seed crop specialist, all of the University of Guelph, will become part of the research team, Professor Tanner said. The project hopefully will be sponsored through Agriculture Canada's New Crops Development Fund which supplied almost \$35,000 for last year's work, he said.

Canadian processors import over \$40 million worth of peanuts and peanut products and produce over 50 million pounds of peanut butter every year, according to the scientists. All the peanuts have to be imported, however, putting Canadian manufacturers at the mercy of fluctuating world prices and supply. Several major users of peanuts have contributed money to the project so far and Professor Tanner said that the industry is interested in the development of a domestic source of peanuts which would bring more stability to their supply situation. The scientists expect that production could be high enough to satisfy the needs of the domestic market and provide a surplus for export.

Tobacco and peanuts share many of the same requirements as far as soil types and growing season are concerned, but they do not conflict in terms of harvesting and planting times — peanuts being planted before tobacco and harvested later, Professor Hatley explained. The peanut crop would not compete with tobacco for labour, both because of the time differences and because the crop can be much more highly mechanized than tobacco. Tobacco acreage has been restricted in recent years, meaning that thousands of acres of land are being used for crops like

corn which do not appear to be as suited to the tobacco soils as peanuts. The scientists said they do not anticipate any problems in getting farmers to accept the new crop.

Peanuts have been grown in most of the eight main counties of the tobacco belt for years, but mostly as "horticultural curiosities" as low yields prevented the development of the peanut as a commercial crop, Professor Tanner said. Since the 1960's, however, great strides have been made in developing new varieties of peanuts and starting in 1970 various types of peanuts from around the world were tested by the Guelph scientists at the Tobacco Research Station with the help of Mr. Elliott. Also assisting in the project last summer was Peter White, a 1974 crop science graduate from the University of Guelph.

The scientists found that the Starr peanut, a variety developed in the United States, gave a high yield and was well suited to the soils and climate of the tobacco belt, even being resistant to late spring frosts. The plant produces the small "spanish" type peanut which is considered the most desirable for making peanut butter, said Professor Hatley. The success with the Starr peanut at the small plot level prompted the decision to undertake the feasibility study.

The samples of the 1974 crop given to the Canadian food processors did not have to be roasted, but for the ultimate test of quality, Mr. Roy mastered the art in his own oven. According to the research team, the roasted peanuts were favourably received by willing campus "guinea-pigs." The major taste-testing session so far, though, was the department's Christmas party where several pounds of the peanuts were "tested" and rated as excellent.



With part of the 1974 crop stacked in sacks behind them, Professor J.W. Tanner, left, Professor O.E. Hatley, centre, and graduate student Bob Roy, examine some of their Ontario grown peanuts. The researchers are studying the feasibility of growing peanuts in Ontario's tobacco belt.

Funds for Quebec study

Seven fellowships valued at \$7,500 each will be awarded to students from Ontario planning to pursue doctoral or post-doctoral studies at a Quebec university, James Auld, the minister of Colleges and Universities, has announced.

This is the fifth year the Ontario — Quebec Exchange Fellowships have been given under the terms of the 1969 agreement for co-operation and exchange between Ontario and Quebec. Seven fellowships will also be awarded by the Quebec Government to encourage Quebec students to study in Ontario. The purpose of the exchange fellowships is to give outstanding students the opportunity to live and study in the cultural milieu of their second language.

Applications, available from Graduate Studies, must be submitted to the selection committee by February 15.

International Education Week program offers range of activities from lectures to puppets

International Education Week, February 17–22, will be humming with activities — lectures, films, a craft show and sale, and an international dinner and variety night.

Films will be shown Tuesday to Friday from 10 a.m. until 2 p.m. in University Centre 103.

These include *Kibbutz* (12 noon) on Tuesday, *Sad Song of Yellow Skin* (11 a.m.) and *Calcutta* (12 noon) on Wednesday, *Child of Darkness*, *Child of Lightness* (11 a.m.), *All Our Children* (11:30), and *The Frozen Revolution* (12 noon) on Thursday, *Not Enough* (12 noon) and *Tanzania Path for a Nation* (12:30) on Friday.

Two additions to the program are a lecture to be given in French by University of Paris history professor R. Cornevin on the history and problems of Francophone Africa, and a talk on international veterinary education and research by Dr. Trevor Lloyd Jones. Professor Cornevin, sponsored by the Department of Languages, will speak at 4 p.m. Wednesday in University Centre 001B. Dr. Jones' lecture is at the same time in OVC 207B.

On Friday, February 21 in addition to the International Dinner (which has been moved from Macdonald to Orangeville cafeteria), and International Students' Variety Night, the high commissioner for Tanzania, His Excellency Frederick Rutakyamirwa, will speak on socialism in Tanzania at 2 p.m. in University Centre 103. Tickets are still available from Central Box Office for the dinner which is being prepared by the students. Sales have been extended to February 18.

On Saturday morning a children's program including puppets has been planned for the Guelph Public Library at the regular story hour, 10:30 a.m.

A babysitting service will be set up to coincide with the Tuesday, Wednesday and Friday daytime lectures. Anyone who is interested in using this service between 11 and 12:30 and 2 and 3:30 on Tuesday, 2 and 3:30 Wednesday and 2 and 3:30 Friday should contact Diane Goodwillie in Student Affairs at least a day ahead. Her number is Ext. 3953.

Details of the program from Monday until Thursday are given on the back page on a day-to-day basis.

Discuss Canada's relations with the Third World

Dr. R.B. "Bob" McClure, medical missionary and former United Church moderator, will deliver the keynote address of International Education Week when he speaks on Canada's relations with the Third World on Monday, February 17 at 8 p.m. in War Memorial Hall.

The son of pioneer missionaries to China, Dr. McClure spoke Chinese before he learned to speak English and says that even today he often thinks in Mandarin. After receiving his medical degree in 1922 from the University of Toronto, he returned with his bride to China where he remained, until his expulsion by the Communists in 1948. In 1934 he left briefly to study radiology in Europe and then returned, with radium donated by Vincent Massey, to treat cancer — the only medical missionary in all inland China able to do so at that time. In addition, his operations on gunshot wounds alone averaged one a day for 10 years.

He often met Chou En-Lai and Mao Tse-Tung during the 1940's while working with the Canadian Red Cross.

Later, he served at a British hospital in Gaza, Palestine and then at a mission hospital in Ratlam, Central India, where he performed over 1,000 operations annually, introduced oral polio vaccination and established another cancer clinic serving an area of 20 million people.

In 1968, as the first layman elected moderator of the United Church of Canada he once again broke new ground in a life full of pioneer endeavour. And when most men are retired, Dr. McClure at the age of 71 set out again as a medical missionary, this time to Sarawak, formerly Borneo where he worked until last August.



Guelph people will have an international gift shop at their doorstep next week when World University Service runs a sale of carvings, jewellery, needlework, dolls and pottery from all over the world as part of International Education Week. Sale runs from Tuesday, February 18, until Friday, February 21 from noon to 9 p.m. in University Centre 442, adjacent to the Whippletree Restaurant.

Recycling depots

Pollution Probe, in conjunction with Do-It Recycling of Guelph, has set up several garbage recycling depots on campus. Each depot has containers for glass, tin, paper, newspaper and cardboard and instructions posted to tell how the material should be delivered — tins washed and with labels removed. Recycling of garbage reduces the consumption of valuable natural resources and the quantity of garbage produced. The location of recycling depots are: opposite Grey, Russell and Carleton Halls and in Macdonald Hall, Room 103.

Plumptre here Tuesday

Consumers can take their questions to the top when Beryl Plumptre speaks on campus next week. The chairman of the Food Prices Review Board, and a former president of the Consumers Association of Canada, Mrs. Plumptre will speak on what constitutes fair food pricing for the producer, processor, and the consumer. Her lecture, *Towards Equity in Food Prices*, will be given at 3:15 p.m., February 18 in Physical Science 105, sponsored by the Agricultural Economics Society. For further information contact Professor E.C. Gray, Ext. 2780.

Job opportunities

Nightwatchman, Safety and Security. Starting rate \$3.27, six month job rate \$3.62.

Library Associate, Documentation Centre. Salary grade 6, salary range \$137–\$181.

Projectionist/Operator (temporary full-time), Office of Audio Visual Services — Media Services. Salary commensurate with qualifications and experience.

Engineering Assistant, Engineering Department, Physical Resources. Salary grade 10, salary range \$194–\$256.

Secretary, Head, Maintenance Department. Salary grade 5, salary range \$124 — \$164.

Secretary, Research Adviser to the Vice-President Administration. Salary grade 5, salary range \$124–\$164.

Laboratory Technician, Nutrition. Laboratory technician required as soon as possible to assist in grant-supported nutrition research; extensive experience and proven capability in microbiological assays for B vitamins are essential qualifications. Salary commensurate with qualifications and experience.

Buyer, Purchasing Department. Salary grade 10, salary range \$194–\$256.

Assistant Keg Manager, University Centre. Salary grade 7, salary range \$150–\$198.

Secretary, Library Administration. Salary grade 5, salary range \$124–\$164.

Custodian 2, Housekeeping Department. Starting rate \$3.12. Six month job rate \$3.45.

Technician, Animal Pathology Laboratories, CDA Animal Health Branch. Salary commensurate with qualifications and experience.

For further information please see bulletin boards or call Ext. 3058 or 3059.

Sociology students learn by playing game of New Town

Operational games can provide an interesting and intense learning situation. Urban Sociology students at the University of Guelph have had first hand experience at urban planning in New Town, one of several new games which illustrate the relationships and processes involved in urban development.

New Town pits developers against planners in the evolution of a town. Environmental and social concerns compete with the profit motive as teams of players first bid for land and then develop it.

Professor Victor Ujimoto, Sociology and Anthropology, has used the game in an undergraduate class and most recently in an urban sociology class for area real estate agents. They were embroiled in New Town for three hours and could not tear themselves away from the deliberations, decisions and negotiations associated with urban development to have their picture taken. New Town can go on as long as ten hours.

The players became so involved that tempers flared, voices cracked and the real world out-

side the classroom all but disappeared. Professor Ujimoto, posing as Town Clerk, reported that the student team was far more cautious in spending money than the three teams of real estate agents. Perhaps it is prophetic that one team of real estate agents ran out of money when it got carried away in bidding for land and erecting stores, factories and housing developments.

Professor Ujimoto has used several variations of New Town, depending on the level of the players and the time available. He says that as the game progresses and becomes more complex, teams can hire negotiators and spies to deal with other players and form conglomerates with other teams to develop large commercial or industrial complexes and thus increase profits.

New Town and other games of this genre offer an opportunity to participate in the real decision making processes in development and see how the resultant development proceeds. In this way the games operate beyond the scale at which we normally view the world.

Such urban planning games have been highly effective because they simulate dynamic and fluctuating processes. An alternate approach is through precise mathematical models, but the high degree of mathematical understanding required makes their use somewhat limited.

Players emerge with a greater understanding of the process of development. Professor Ujimoto has found the game particularly relevant and effective because it reinforces issues discussed in textbook readings assigned in Urban Sociology.

Urban Sociology, Business Law and Principles of Economics are offered on a rotating basis for real estate agents in Guelph and area. To achieve certification from the Canadian Association of Real Estate Boards, agents must pass the three courses, have five years experience, and offer letters of reference and proof of no malpractice in their dealings. Until this year the courses have been offered in the evening, on a weekly basis throughout the fall and winter semester. This spring the Office of Continuing Education will offer Principles of Economics in a five day intensive format.

The Urban Sociology course has proved challenging and enlightening for Professor Ujimoto as well as the real estate agents. He says they are committed to the subject, well informed on regional and national affairs and relate course material to everyday work situations. Discussions are far-ranging, specific and incisive.

Pre-schoolers featured on CBC special

How do you get Junior to eat his cauliflower? Start him early and have him help prepare it for a start. That's what students in the Family Studies Laboratory Pre-school are doing with the three and four year olds enrolled there. Snack time at the school will be shown next week on a CBC television show featuring nutrition in the child from before birth until age five.

The day of the filming the pre-schoolers made their own dips from cheese, mayonnaise and relish, and banana yoghurt mixed with peanut butter. They washed cauliflower, green pepper, carrots and green beans for dipping. The acting director of the pre-school, Martie Austin, reports that the children some-

times introduce their parents to vegetables not served at home, as a result of the nursery school snacks. The secret seems to be participation. All the children get a chance to help. And they pour their own juice from small pitchers with remarkably few spills.

The Family Studies Laboratory Pre-School has two classes of 20 children each. In each class five children are referrals from the Family Service Bureau and one child is on a partial scholarship, while the others are on full tuition. The scholarships are for children whose parents can pay part but not all of the tuition.

The CBC special, directed by Peggy Liptrott, will be shown on channel 5 at 1 p.m., Feb. 21.



Children in the Family Studies Laboratory Pre-School will be featured on a CBC-TV special on nutrition on Friday, February 21 at 1 p.m. Film crew catches children during morning snack in our picture.



Deep in a game of New Town, urban sociology students act as developers and planners with Professor Victor Ujimoto (standing) the town clerk. The students in the continuing education course are mostly real estate sales people. In our picture from left, clockwise, Edward Rektor, Ernest Root, Professor Louise Colley who was visiting the class, Professor Ujimoto, and undergraduate student Don Gordon.

FACULTY ACTIVITIES

N. A. Busch, Family Studies, presented an invited paper on the developmental needs of children in relation to play at the Creative Play Institute of the Ontario Recreation Society's conference in Ottawa.

Professor R.E. Subden, Genetics, recently conducted a western lecture tour, presenting seminars and papers at the University of Manitoba, the University of British Columbia and the University of Alberta. The papers were on the genetics of steroid synthesis and antibiotic yeasts.

Professor F.H. Theakston was a guest speaker at the Niagara Parks Commission Alumni Conference held in Niagara-on-the-Lake and spoke on the value of landscaping procedures for snow and wind control. He also addressed faculty and students of the faculty of forestry at the University of Toronto in a special seminar and spoke about snow, wind and ice related to forestry development and he attended snow and ice committee meetings at the National Research Council, Ottawa recently. Professor Theakston has also been elected chairman of the Engineering Institute of Canada, Wellington-Waterloo branch, at the annual meeting held recently in Kitchener. **Professor J. Jofriet** of the same department was elected to the executive.

Professor O.P. Dwivedi, Political Studies, presented three papers at the Resource for the Futures Inc., the Brookings Institution, and the School of International Studies at Johns Hopkins University. These seminars dealt with Professor Dwivedi's work in progress reports on trans-national environmental relations between Canada and the United States. This winter Professor Dwivedi is a visiting scholar at the School of International Studies, Jawaharlal Nehru University in New Delhi, India.

Professors E.E. Gamble, W.S. Young and E. Hatley, Crop Science, attended the meeting of the Ontario Soils and Crop Improvement Association in Ottawa.

Professor R.G. Brown, Animal and Poultry Science, presented an invited seminar on the effects of stress on livestock production and potential stress-relief compounds before the Corporate Research Group of Commercial Solvents Corporation, Terre Haute, Indiana.

Professor T.K. Warley, Agricultural Economics and Extension Education, addressed the Guelph Kiwanis Club on Canada and the world food problem.



Professor and Mrs. W.C. Allan

Professor Gilbert Stelter, History, has been appointed a member of the editorial board, representing Canada, of the Urban History Yearbook, published at the University of Leicester, England.

Professor E.A. Cebotarev, Sociology and Anthropology, has returned from a three-day meeting in New Orleans, Louisiana, of executive officers of the Rural Sociological Society, of which she is a member of council and 1974-75 chairman of the R.S.S. Development Committee. The major project of the committee for 1975 is to explore ways of bringing Canadian sociologists interested in rural studies together for the planning of a Canadian rural sociology publication and for facilitating communication between professionals with similar interests.

Professor W.R. Fawcett, Chemistry, recently attended the Gordon Research Conference on Electrochemistry in Santa Barbara, California, where he presented a paper on the influence of interfacial ion pairing on electro catalysis. He also acted as discussion chairman for a session dealing with double layer effects in electrode kinetics.

Professors H.D. Ayers, L. Otten, J.C. Jofriet, P.S. Chisholm, as well as **Kent Percival**, all of the School of Engineering, together with about 50 undergraduate students attending a students night sponsored by the Guelph-Cambridge chapter of APEO. Professor Ayers also attended a meeting of the Canadian Engineering Manpower Council in Toronto.

Professor S.H. Collins, Engineering, has been named chairman of the Education Committee of the Ontario Association for Remote Sensing.

Professor Herman Tiessen, Horticultural Science, attended the 8th annual convention of the Great Lakes Vegetable Growers at Lansing, Michigan, where he presented a paper on asparagus production and marketing in Ontario.

Professor Donna Lero, Family Studies, spoke to the Wellington County Board of Education on the education of gifted children as part of the board's professional development day activities.

Professor L.J. Martin, Agricultural Economics and Extension Education, appeared on CBC's Country Canada, in a program concerning futures markets.

Scotty Allan retires - 29 years on campus

W.C. "Scotty" Allan, entomology professor for 29 years, was honored on his retirement by fellow faculty and old friends at a dinner party where he was presented with a projector and screen.

Scotty joined the Department of Entomology after the war. In addition to his teaching duties, he worked with students for many years in the COTC and was in charge of the group when it disbanded in 1965. His research was concerned with a wide variety of insects including fruit and livestock pests. Scotty, a well known local artist, hopes to spend more time painting in his retirement.

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Baroque music concert

Mark Kroll and Carol Lieberman will present two concerts of Baroque music on Thursday, February 20 at 12:10 and 1:10 p.m. in Arts 107, as part of the Tuesday Noon Concert Series. Mark Kroll, who plays the harpsichord, has had an extensive career throughout the United States and Canada and, in addition, has appeared on radio, television and at many music festivals. Carol Lieberman, who plays the Baroque violin, studied under Rafael Bronstein and Broadus Erle. She has received many prizes and scholarships and performed widely both as a soloist and as an orchestral violinist. Both artists have made a devoted study of the authentic Baroque style. Their program will include works by Corelli, Couperin, Le Duc and J.S. Bach.

Snooker tournament

A snooker tournament open to all members of the university community will be held in the University Centre games room from Monday, February 17 to Thursday, February 20. First prize includes a two-piece pool cue, a pewter beer stein, dinner for two at the Whippetree and a \$25 gift certificate at the bookstore. Anyone interested in participating should register in the games room, University Centre. Entry fee is \$2.

CUSO positions

CUSO is looking for volunteers to take up jobs overseas for a two-year period. More information may be obtained from Ian White or Birgit Castledine in Career Planning and Placement, level 3, University Centre, or by phoning Ext. 2213 or 2214. There will also be an information session on Thursday, February 20 at 8 p.m. at the Guelph Public Library, Room A. Wayne Bennett, recruitment officer with CUSO, will show a film and a discussion period will follow.

Audubon film

Yosemite: An Ecological Visit, final Audubon film this season will be shown on Friday, February 14 at 8 p.m. in War Memorial Hall. Eben McMillan is guide and narrator of this geological study of Yosemite National Park. Accompanied by rock climbers and campers he examines the wildlife and the spectacular beauty of the region where deep canyons and polished granite cliffs were carved out over thousands of years by the slow movement of ice. The film is sponsored by the Guelph branch of the Ontario Institute of Agrologists, the Guelph Naturalists' Club and the National Audubon Society.

Winter carnival concert

A special event of Winter Carnival weekend is the Ike and Tina Turner concert under the sponsorship of UGCSA on Sunday, February 16 at 8 p.m. in the Athletics Centre. Tickets are \$5.50 and may be purchased at the box office and at Shoppers Records in Guelph, at Muntz in Cambridge and at Sams in Kitchener and Hamilton. Bus service will be provided downtown and to the suburbs following the concert.

Farm workers speaker

A speaker from the United Farm Workers will talk about the reasons for boycotting California grapes and lettuce on Friday, February 14. The information session sponsored by the UFW support committee will include music, lecture, discussion and a film beginning at noon in the courtyard of the University Centre. The UFW support committee is located in University Centre 216, Ext. 8537

Local directory information

Starting the first week of March, Bell Canada will impose a 25¢ charge for each request for a local telephone number listed in the Guelph and area telephone book. Because such calls could run into a heavy expenditure for the university it is essential they be kept to an absolute minimum. The new 1975 Guelph and area telephone book has now been distributed to all departments and additional copies may be obtained by calling the chief operator at Ext. 2205. Telephone numbers outside the Guelph area may be obtained by dialing 1 + area code + 555-1212. Do not use the direct lines to Toronto and Kitchener for information requests.

Playwright's circle

The Playwright's Circle has begun its weekly meetings again: every Wednesday at 12 noon in Arts 218. Anyone who has written, is writing, is planning to write, or who is remotely interested in the possibility of writing a play and who would like to meet other incipient playwrights is welcome to attend. For further information, call Tony Stephenson, Ext. 3237.

Name the cafeteria

A contest to name the University Centre cafeteria is under way with first prize a \$20 gift certificate for the cafeteria, dinner for three at the Whippetree and a copy of *A Vision of Canada by Paul Duvay*. Nine semi-finalists will win a copy of Joyce Carol Oates' *Them*, and a free game of pool or shuffleboard in the University Centre games room. Entry forms are available from the information desk in the centre and must be submitted by March 7.

Consumer Studies speaker

Claire Bolger, the assistant-deputy minister of Consumer and Corporate Affairs, Ottawa, will speak on the role of consumer education in federal-provincial governmental policies and programs on Thursday, February 13 at 7:30 p.m. The meeting will take place in Arts 119 and not in UC 103 as previously advertised. On Friday morning, February 14, after a tour of the campus, Mr. Bolger will meet with chairman and faculty of the Department of Consumer Studies to discuss research in the consumer studies field. Mr. Bolger's visit is being sponsored by the Family and Consumer Studies—Students' Administrative Council as a part of the FACS Week activities.

New pedestrian crosswalk

There is a new crosswalk, controlled by pedestrian activated lights, on Gordon Street, which hopefully, will ease the pedestrian traffic between the east and west sides of the campus. Please use the crosswalk but check that both lanes of traffic have come to a complete stop before crossing.

Job interviews

Permanent employment interviews arranged for students this week by Career Planning and Placement on Level 3 of the University Centre are: Thursday, February 13: Canada Packers Limited; Friday, February 14: Metropolitan Life Insurance, Canada Packers Limited; Thursday, February 20: New York Life Insurance.

A.V. presents...

Snakes and turtles of southwestern Ontario are the subject of a half hour color film being shown at Audio Visual Presents . . . on Tuesday, February 18 at 1:10 p.m. in Arts 017. The film by University of Guelph cinematographer Norman Lightfoot has been shown on the CTV network's Audubon Wildlife Theatre. Mr. Lightfoot, who has been with A-V for the last seven years, has recently completed a sequel, "Turtles of Ontario," which will be shown on Wildlife Cinema on April 6.

Computing conference

The 6th Ontario Universities Computing Conference will be held from May 26-28 at the University of Western Ontario. The theme of computer services in the second half of the 1970's will cover present information processing services, future service offerings and management preparation. Conference chairman is G.T. Lake, director of the Computing Centre at Western. The registration fee is \$50. For further information, write to OUCS—Computing Centre, Natural Sciences Centre, University of Western Ontario, London, Ontario N6A 5B7.

Visiting lecturer

Dr. John McNeill from the Biosystematics Research Institute, Agriculture Canada, Ottawa, will be the guest of the Department of Environmental Biology on Wednesday, February 12. He will deliver a seminar on taxonomy and evolution of weeds at 3 p.m. in Animal Science 110. Dr. McNeill was chief of the taxonomy and economic botany section of the Plant Research Institute, Agriculture Canada, from 1968-1973. He has extensive research experience in the application of numerical and genetic techniques in vascular plant taxonomy and in the biosystematics of several groups of weedy plants, including the cockle family and the smartweed genus.

New pub series

Fludd will be the featured entertainment at a new pub series beginning February 27 in the main activity area of the University Centre. The pubs will run from 8 p.m. — 1 a.m. every Thursday night with a \$1 admission charge.

NEXT WEEK AT GUELPH

THURSDAY, FEBRUARY 13

Thursday Noon Concert – ONTARIO BRASS QUINTET, 12:10 and 1:10 p.m., Arts 107.

Biology Hour – STERILIZATION—MALE OR FEMALE? Dr. R.H. Gelb, obstetrician and gynecologist, 12 noon, Botany/Genetics/Zoology 130.

Art Exhibition – CONTEMPORARY PHOTOGRAPHY SINCE 1950, from the George Eastman House Collection, Rochester, McLaughlin Library, to Mar. 27.

Winter Carnival – SNOW SCULPTURES, front campus; SKI PARTY, 8 p.m., Dairy Bush; HAFA Pub 8 p.m. UC 001.

Pub – LARKSPUR, a commercial rock band from Toronto, 8 p.m., Main Activity Area, UC, Friday and Saturday nights also.

Illustrated lecture – THE EXURBAN LANDSCAPE: AN ANALYSIS OF THE TREATMENT OF THE COUNTRYSIDE BY EXURBANITES, geography professor J.V. Punter, York University, 8 p.m., Arts 029, sponsored by the Geographical Society. Everyone welcome.

Employment Search Program – THE RESUME, 12 noon, Physical Science 121.

Seminar – THE FUNCTIONS AND RESPONSIBILITIES OF THE ONTARIO MILK MARKETING BOARD, L.W.J. Hurd, OMMB, 2 p.m., Ag. Ec. & Ext. Ed. 302.

Meeting – DUPLICATE BRIDGE CLUB, 7:30 p.m., 8th floor lounge, Arts.

Meeting – LESBIAN DROP-IN, coffee and conversation, 8 p.m., UC 221.

Worship – RC MASS, 12 noon, UC Chapel, level 5; QUAKER MEETING, 7:30 p.m., Arts 138.

TV – SPOTLIGHT ON UNIVERSITY OF GUELPH, Cable 8 at 6:15 p.m.

FRIDAY, FEBRUARY 14

Free Film – THE THIRD MAN, Joseph Cotten, Orson Welles, 8 p.m., Phys. Sc. 105.

Audubon Film – YOSEMITE: AN ECOLOGICAL VISIT, Eben McMillan, 8 p.m., War Memorial Hall. Admission: \$1 general, 50¢ student.

Basketball – WINDSOR at GUELPH, 8:15 p.m., Athletics Centre.

Winter Carnival – SNOW SCULPTURES, front campus; HOT DOG AND HOT CHOCOLATE LUNCH, front of Johnston Hall; WINTER GAMES, 7 p.m., Alumni Stadium; SUZIE-Q DANCE, UC 001; WINTER GAMES WRAP-UP, 10 p.m., Gryphon Room; ALL NIGHT DISCO, 1 a.m., Bullring.

Rally – INFORMATION ABOUT THE UNITED FARM WORKERS, music and discussion, 12 noon, UC courtyard; WHY WE BOYCOTT, film; 12:30 p.m., UC 001B.

Worship – JUMA PRAYERS, 12:30 p.m., Arts 233.

TV – SPOTLIGHT ON UNIVERSITY OF GUELPH, Cable 8 at 5 p.m.

SATURDAY, FEBRUARY 15

Winter Carnival – SNOW SCULPTURES JUDGING, 12 noon, front campus; HOT DOG ROAST AND TOBOGGAN PARTY, 12 noon – 3:30 p.m., near Lennox-Lambton Halls.

SUNDAY, FEBRUARY 16

Winter Carnival Concert – IKE AND TINA TURNER, 8 p.m., Athletics Centre. Admission: \$5.50.

Worship – PUJA, sponsored by the Hindu Cultural Society, 11 a.m., 8th floor lounge, Arts; RC MASS, 11 a.m., War Memorial lounge; ANGLICAN & UNITED EUCHARIST, 11 a.m., UC Chapel, level 5; ZOHAR PRAYERS AND QURANIC DISCUSSION (open to all), 1 p.m., 9th floor lounge, Arts.

MONDAY, FEBRUARY 17

OAC Banquet – FOURTH YEAR OAC CAREERS BANQUET, OIA, Cutten Club. Contact B. McCorquodale, OMAF, University of Guelph.

Woman's Hour – THE OLDER WOMAN IN CANADIAN LITERATURE, Prof. M. Andersen, 12 noon, UC 103.

International Education Week – CANADA'S RELATIONS WITH THE THIRD WORLD: WHAT WE CAN LEARN FROM THEM, Dr. R.B. McClure, 8 p.m., War Memorial Hall.

Meeting – UNIVERSITY OF GUELPH PROGRESSIVE CONSERVATIVE ASSOCIATION, 7 p.m., Arts 306.

Course – INTRODUCTION TO TSO, W. Fallows, 9 a.m., I.C.Sc. 312., continues February 19 and 21. Call 3046 to register.

Course – PLOTTING TECHNIQUES, W. Marshall, 1:30 p.m. I.C.Sc. 212. Call 3046 to register.

Employment Search Program – INTRODUCTION & THE SELF ASSESSMENT, 4 p.m. Physical Science 121.

TUESDAY, FEBRUARY 18

International Education Week: Asia Day-FILMS, 10 a.m. – 2 p.m., UC 103; WUS-CRAFTS, 12 noon – 9 p.m., UC 442, to Friday, Feb. 21; PANEL DISCUSSION: COMMUNICATION AND INTERNATIONAL UNDERSTANDING, sponsored by the Dept. of Languages, 11 a.m., UC 001B; ECONOMIC DEVELOPMENT IN SOUTH ASIA: CANADA'S ROLE, John Hadwen, External Affairs, 2 p.m., UC 103; PANEL DISCUSSION: WOMEN IN DEVELOPING COUNTRIES, 8 p.m. UC 103.

ISA Film Series – MEXICO, 12 noon, Alumni Conference Hall, UC; 7:30 p.m., International Students Lounge, UC, level 5.

Course – THEATRE GOERS: STRATFORD AND SHAW SERIES, Caesar and Cleopatra (Shaw), Prof. Neil Carson, 8 p.m., Arts 317. \$1.

Meeting – GET STARTED: JUNIOR FARMER PROGRAM, Dick Heard, OMAF London and Jim Jenkins speak to the Farm Credit Club, 7 p.m. Arts 115. Free Coffee.

Crop Science Seminar – TEMPERATURE AND PHOTOPERIOD IN THE DEVELOPMENT AND YIELD OF CORN IN THE TROPICS, Peter Leyenaar, 4:10 p.m., Crop Science 403.

Course – SCENIC TOWNS AND TOWNSHIPS – A TOURING GUIDE SERIES: Arthur, Garafraxa, Luther, Prof. G. Couling, Fine Art, 8 p.m., Phys. Sc. 105, \$2.50.

Meeting – SENATE, 8 p.m., Phys. Sc. 113.

Worship – NOON HOUR DEVOTIONAL, Chaplain Remkes Kooistra, 12 noon – 12:20 p.m. UC Chapel, level 5. Bring your lunch.

Meeting – DISCUSSION-FELLOWSHIP GROUP: The Christian and Culture, Chaplain Remkes Kooistra, 8 p.m., 9th floor lounge, Arts. All are welcome.

Course – JOB CONTROL LANGUAGE (JCL) & UTILITIES, Mrs. J. Emmans, 1:30 p.m., continues Feb. 20, 24 and Mar. 4. Call 3046 to register.

Employment search program – THE RESUME, 4 p.m., Phys. Sc. 121.

Career Seminar – BANKING, 4 p.m., Arts 116.

Lecture – TOWARDS EQUITY IN FOOD PRICES, Beryl Plumptre, chairman, Food Prices Review Board, 3:15 p.m., Phys. Sc. 105.

Energy Symposium – THE OIL INDUSTRY IN CANADA, 7:30 p.m., Arts 318.

Audio Visual Presents – REPTILES: A MISUNDERSTOOD SPECIES, snakes and turtles of southwestern Ontario, 1:10 p.m., Arts 017.

WEDNESDAY, FEBRUARY 19

International Education Week – Middle East Day – FILMS, 10 a.m. – 2 p.m., UC 103; DEVELOPMENTAL PRIORITIES IN THE ARAB STATES, Taha Omar, Arab Information Centre, Ottawa, 2 p.m., UC 103; PERSPECTIVE OF THE THIRD WORLD, continuing education series, 8 p.m., International House, \$2. FRANCO-PHONE AFRICA: ITS HISTORY, ITS PROBLEMS, lecture in French by Prof. Cornevin, U. of Paris, sponsored by Dept. of Languages, 4 p.m., UC 001B; INTERNATIONAL VETERINARY EDUCATION AND RESEARCH, Dr. Trevor Lloyd Jones sponsored by OVC, 4 p.m., OVC 207B.

Film – PRISONS: ATTICA, 8 p.m., Arts 115. Admission: 75¢.

Lecture – REPETITION, SPICE, LIFE or THE STORY OF THE PHOTOGRAPH, Prof. T. Tritschler, 12:10 p.m., Arts 107.

Easy Wednesday – GLEN PATERSON, 12 noon, UC Courtyard.

Career Lecture – EMPLOYMENT SEARCH PROGRAM: JOB LOCATIONS/ STRATEGIES, THE LETTER OF APPLICATION, 1 p.m., Physical Science 121.

Meeting – UNIVERSITY OF GUELPH HOMOPHILE ASSOCIATION, 8 p.m., 9th floor lounge, Arts.

Worship – ANGLICAN & UNITED EUCHARIST, 12 noon, UC Chapel, level 5; RC MASS, 5 p.m., UC Chapel, level 5; CAMPUS CHRISTIAN FELLOWSHIP, 8 p.m., Arts 312. Everyone welcome.

THURSDAY, FEBRUARY 20

Biology Hour – BIOLOGICAL WARFARE: THE "HUMANE" WAY TO KILL, Prof. L.A. McDermott, Microbiology, 12 noon, Bot/Gen/Zoo 130.

Thursday Noon Concert – MARK KROLL AND CAROL LIEBERMAN, harpsichord and violin, 12:10 and 1:10 p.m., Arts 107.

International Education Week: Latin America Day – FILMS, 10 a.m. – 2 p.m., UC 103; PANEL DISCUSSION: LATIN AMERICA IN THE 70's, THE SEARCH FOR NEW ANSWERS TO OLD PROBLEMS, 7:30 p.m., UC 103.

Employment Search Program – THE INTERVIEW, 12 noon, Phys. Sci. 121.

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NEWS BULLETIN

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