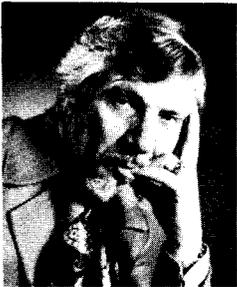


# NEWS BULLETIN

UNIVERSITY OF GUELPH

Volume 17 — No 38 September 20, 1973

## Noted Canadian actor To receive D.Litt. at Convocation



One of Canada's leading actors, William Hutt, will receive an honorary Doctor of Letters degree at the University of Guelph convocation on October 5. Mr. Hutt, associate director of

the Stratford Festival, gained his reputation largely in Canadian theatre, and has been with Stratford for 18 years.

He was the first festival actor to direct a Stratford Festival production with his successful 1968 "Waiting for Godot."

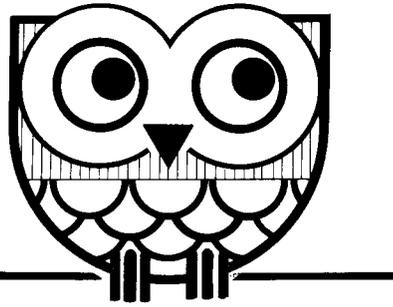
In addition to acting at theatres around the world, Mr. Hutt has appeared extensively on Canadian television. He is currently Sir John A. MacDonald in the CBC-TV documentary drama series "The National Dream" to be released in March.

In 1954 he was the first actor to win the Tyrone Guthrie award; in 1967 he received the Centennial Medal and in 1969 he was made a Companion of the Order of Canada. He also has a Doctorate of Fine Arts (honoris causa) from the University of Ottawa, awarded in 1969.

William Hutt is a graduate of the University of Toronto and worked in summer stock at the beginning of his career, followed by directing little theatre groups around the province.

In 1971 he directed *Much Ado About Nothing*, in 1972 *As You Like It*, and this year *A Month in the Country* and *The Marriage Brokers*. He is well known for his recent Stratford roles as *Tartuffe*, *Sir Epicure Mamon* in *The Alchemist*, *Volpone* and *King Lear*.

## Courses appeal to all tastes



Education is something that, in the past, has always been thought of for children, teenagers, and young adults. After that education stopped. But that idea is rapidly disappearing in today's society, and most educational institutions are now opening their doors to adults for regular classes and for evening or night school classes.

The University of Guelph is no exception and this fall a wide-ranging selection of non-credit evening courses aimed directly at the needs of the citizens of Guelph and area are being offered.

Arts courses include instruction in French, German, Italian, Russian and Spanish, and a course in children's literature. A new course this year which should generate a lot of interest is parapsychology. It will look at such topics as ESP and witchcraft. Other arts courses offered include twentieth century development in the arts, advanced sculpture, the making of a poem, and "in search of elegance," an examination of refinement in all aspects of the life of past generations. Local historians may be interested in landscape and life in Wellington County, a study of man and land forms in the county about a century ago.

### Leisure living courses

In the area of leisure living, two courses are scheduled. One is entitled education for outdoor living, and will include such topics as cross-country skiing, orienteering, hiking and camping. The other, which is aimed primarily at professionals working with retired people and senior citizens, is entitled preparing for retirement.

Communications on the job, a topic important to businessmen, will be offered as will a special course entitled principles of business law. A course which should be of interest to teachers is the audio-tutorial workshop, a study of how to organize an audio-tutorial course. One community-oriented course will be a television workshop designed to encourage community service leaders to make better use of Cable TV facilities.

### Emphasis on family life

Courses dealing with the family will include one entitled spotlight on the consumer, another one called living with children and

a practical course on Guelph psychology professor Dr. Denis Stott's methods of teaching children with learning disabilities. The historical and contemporary exploration of human sexuality is a new course to be added this fall.

### Farming for the amateur

The OAC will be offering several practical courses in farming again this fall, including agricultural science today, an introductory course designed to acquaint the beginner with many aspects of farming. Several of these courses can lead toward a certificate in applied agriculture.

Other courses this fall are contemporary issues in Canadian politics, sand and gravel mining in Ontario, and why limits to growth? which deals with the effect of continuous growth on man, resources and environment.

Further information on fall courses may be obtained from the Office of Continuing Education, University of Guelph.

### Audio-tutorial workshop for faculty

Faculty members who wish to participate in the audio-tutorial workshop, sponsored by the Office of Continuing Education, may do so free of charge. Fees will be paid by the University of Guelph Senate Committee on Teaching and Learning.

## Aggie week starts

Aggie Week activities start Tuesday at 7 a.m. with a pancake breakfast outside Creelman Hall and the Crop Science building. Also on Tuesday is the square dance from 8:30 until midnight in the arena.

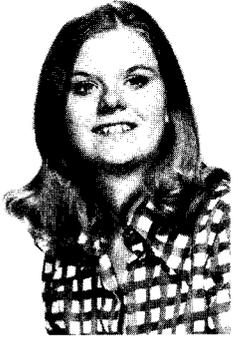
The fifth annual cow milking contest will be Wednesday when Dean Janet Wardlaw will defend her last year's championship. The contest is held outside the Arts building at 4 p.m. Also outside Arts, and going on all day, is the goat weight guessing contest.

A new feature of Aggie Week is Aggie Games, Thursday night in Alumni Stadium, beginning at 7 p.m. Final plans were not available at press time but Aggie John Gillespie warned that Aggie games could include anything from chuck wagon races to tomato fights.

Major Hoople's Boarding House and Iron Arm will play for the sock hop Friday night in the Athletics Centre from 9 until 1 a.m.

Final event of the week is the Billy Goat Bar in the arena at 8 p.m. Saturday night, \$1 admittance or 25¢ with an aggie hat. Hats and buttons will be on sale all week in the Library stoa.

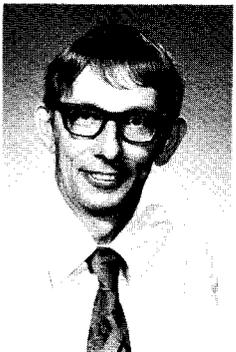
## APPOINTMENTS



### New preschool teacher

Nancy Busch has joined the Department of Family Studies as a lecturer in child studies and teacher in the Family Studies preschool.

Miss Busch holds an M.A. in human development from Wayne State University where she presented a thesis on sex-typed behavior in the toddler. She is a graduate of the Merrill-Palmer Institute in Detroit and took a B.A. in child psychology from Scripps College, Claremont, California. In Detroit and California she worked with groups of pre-schoolers and in a head start class.



### Joins Engineering faculty

Dr. J. C. Jofriet has been appointed full time sessional lecturer in the School of Engineering. He holds a Ph.D. in civil engineering from the University of Waterloo, M.A.Sc. from the same institution and a diploma also in civil engineering, from technical college in Amsterdam.

He has worked with consulting engineering firms in the Netherlands, Canada and England.

Dr. Jofriet's present research interests are in the area of civil engineering applications of the finite element method of analysis and also in farm structures.

### CJOY carries football

All University of Guelph football gryphons home and away games are broadcast on CJOY radio in their entirety. Terry Spearin brings the play-by-play while Doug Dodd has the colour commentary.

### Egalitarian parking

At their July 6, 1973 meeting, the Standing Committee on Parking extended the trial period for egalitarian parking to include the Fall 1973 semester.

This means that holders of black or orange permits may continue to park in either orange or black colour coded parking lots for the remainder of the 1973 calendar year.

The Committee will again review the egalitarian policy during the month of November and then inform the University community whether the trial period is to be again extended, or to adopt the egalitarian policy on a continuing basis, or to revert to the method of parking by designated colour coded areas only.

### Cardio-vascular club

The cardio-vascular club for male faculty and staff has begun its ninth consecutive year but there is always room for one more. Prerequisites are a current medical certificate giving permission to take part in regular physical activity of a continuous, rhythmic nature, and a willingness to attend regularly. Once a week is dangerous twice a week unwise three times, acceptable, but four or five, desirable, Human Kinetics director John T. Powell says. Interested men should meet on the track when the weather is fine at 12:15 p.m., in either of the gymnasia in the Athletics Centre, when wet. The group meets five days each week from 12:15 p.m. to 12:45 p.m. Before joining, see Professor Powell.

## Tom Graham honored by CSHS

At the Annual Convention of the Agricultural Institute of Canada in August, Thomas Oastler Graham was honored by the Canadian Society for Horticultural Science (affiliate of AIC) by being made an honorary lifetime member "in recognition of his meritorious service to horticulture in Canada."

Professor Graham retired from the faculty of OAC in 1970, after 25 years in the Department of Horticultural Science, as research scientist, teacher and extension specialist. During this lengthy period he made contributions in the field of vegetable breeding, while at the same time instructing many students who later made their own contributions to horticulture in Canada, and who remember with affection his keen interest and kindly humour.

Since his retirement, Professor Graham has been active as secretary and fund raiser for OAC '28. He is vice-president of Parry Sound Historical Society and continues to satisfy his horticultural interests by testing *Amelanchier*, *Prunus* and *Sorbus* species and cultivars on his farm on Oastler Lake in the Parry Sound district.

Before joining Horticultural Science he worked at the Dominion Experimental Farm in Morden, Manitoba, where he introduced the Morden Yellow tomato, and later for the

### Thursday noon hour series

The popular free Thursday Noon Hour Concert Series which is held in the Music Lecture Room of the Arts building will commence on September 27 with the *Camerata Four*, consisting of violin, cello, clarinet and piano.

Other artists included in the series are the *Czech String Quartet*, *One Third Ninth*, *Canadian Brass*, *John Helmers*, *A Consort of Voices*, *Elyakim Taussig* and *Kathryn Root*, *Ifor James* and *John McCabe*, *Monica Gaylord* and *The Toronto Consort*.

This is a chance to hear classical music at its very best. The times are scheduled to coincide with lecture times — 12:10 p.m. to 12:45 p.m. and again from 1:10 p.m. to 1:45 p.m. every Thursday.

### Book rooms early

Central Reservations request that bookings be completed before 3:30 p.m. each day to give their staff time to confirm by mail. In the case of short bookings arranged only a day in advance, problems are often encountered. Central Reservations remind people on campus that a minimum of three working days lead time is required to complete the confirmation/information process that must take place for each booking, that a minimum of six working days is needed to arrange a liquor license, and that all booking arrangements for Athletics Centre facilities through Central Reservations require a minimum of six working days.

McFayden Seed Company when he introduced the vegetable soybean and the Japanese type watermelon into the west. Partially as a result of his testing work at Winnipeg, two tomato cultivars won All-America awards.

Professor Graham was known over radio CKY Winnipeg as "Tom the Gardener."

In 1946 he joined the OAC faculty in the vegetable section of Horticulture Department and during the following 24 years made many noteworthy contributions to the horticultural industry, particularly with cucumbers and tomatoes. In tomatoes he introduced the series with outstanding ability to set fruit at very low temperatures and those with very high colour characters. These Guelph introductions have had a very considerable impact on commercial cucumber and tomato production in Canada and the U.S.A.

While at Guelph Professor Graham has been a member of the standing committee on field crop improvement and of the fruit and vegetable committee, Royal Winter Fair (Toronto). He is a past director of the Guelph Branch of the Agricultural Institute of Canada. He also organized and for a number of years was chairman of the committee of varietal pedigrees for the Tomato Genetics Co-operative.



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## Peggy Jackson limbo queen performs here

*Peggy Jackson, limbo queen of the world, will perform at the West Indian Students' Association fall festival tomorrow night. The festival starts at 8 p.m., September 21 in the rink of the Athletics Centre and will continue until two in the morning with dancing, food and a floor show which begins at 11:30. As well as limbo, Peggy Jackson will do calypso, cha, cha, cha and other numbers. Tickets at \$3.50 a couple or \$2 single are available from Central Box Office or in the Library stoa at noon hours.*

## 'Life' man here

A Cambridge mathematician well known for his excursions into recreational mathematics will visit the campus next week. Dr. John Horton Conway from the University of Cambridge in England invented the game of "Life" four years ago. It has become so popular that a newsletter for enthusiasts is published in the U.S., and the game with a number of variations, including a Guelph version, is played around the world.

Dr. Conway is a pure mathematician, known for his work in group and number theory. He will be on campus from Monday, September 24 - Wednesday, September 26, and will give a seminar on "The Universality of Life" on Monday at 4 p.m., in Arts 107, and a public lecture Tuesday evening on the subject, "Numbers and Games" at 8 p.m. in Physical Science 105.

Professor Denis Kidby, Microbiology and two other faculty members, Professor Tony Salvadori, Computing and Information Science, and Professor David Piggins, Psychology, have a University of Guelph Research Advisory Board grant to develop Conway's game.

Professor Kidby says that the greatest challenge of the game is applying it to real life situations. Application of the rules result in growth patterns which depend upon the original array. Basically and in its original form, the game may be played on graph paper, or a large checker board, using pencil or counters respectively. Three simple rules govern the fate of counters already on the board and the "birth" of new counters in adjacent squares.

Incidentally bring pencil and paper or computer (it really does make Life easier!) to the lectures, and be prepared to play Life and possibly other games from Dr. Conway's bag of mathematical recreations.

Anyone interested in contacting Dr. Conway should get in touch with Professor Kidby, Professor Piggins or Professor Salvadori.

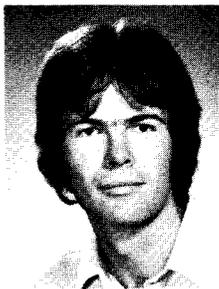
## OAC centennial

Planning for OAC's Centennial '74 is now in high gear. Under the guidance of Chairman Harvey Caldwell, Agricultural Economics and Extension Education, the Centennial Committee has planned many special events. A special Centennial '74 brochure is available through the Department of Information or from the OAC Centennial Office in Johnston Hall.

## Swim times

The new fall schedule of recreational swim times follows: *early bird dip* - 7:30 - 8:30 Monday, Wednesday, Thursday; 7:15 - 8:15 Tuesday and Friday; *noon swim* - 11 - 1 Monday to Friday; *afternoon swim* - 3 - 5, Saturday afternoon; 2 - 4 Sunday afternoon (with family swim the last hour); *evening swim* 9 - 10 p.m. Monday, Wednesday; 8 - 9, Tuesday, Thursday and Friday.

## Wins Rhodes scholarship



*George Patton*

George Patton, a Bermudian with close ties with Canada, has been awarded a Rhodes scholarship to study at Hertford College in Oxford. He leaves October 10 to begin studies in physical geography. He is presently completing a master's degree in geochemistry under the supervision of Professor Ward Chesworth, Land Resource Science.

He received his B.A. in geography with a minor in geology from Guelph, and completed all his primary and secondary education at Warwick Academy in Bermuda, a school that he reports was founded in 1662.

When asked at the News Bulletin office if he was married, George said, "Rhodes scholars aren't allowed to be married in their first year on the scholarship, and only later with the approval of the Rhodes scholar committee."

## Studying in Scotland

History professor Stanford Reid who is presently in Scotland working on background material for a book on the economic and social background of the Scottish reformation reports that the work is going well. He expects to return this weekend after presenting a paper on government, propaganda and public opinion at the fall meeting of the Royal Historical Society at which he is a fellow, at the University of York.



*Philosophy Professor Michael Ruse, left, discusses his new book with Professor K. Ronald, Dean of the College of Biological Science. The book, The Philosophy of Biology, is published by Hutchinson University Library, and is being translated into Spanish and Italian. Professor Ruse recently returned from a year's study on Charles Darwin at Cambridge.*

## Sportsman's show

The University was at the Sportsman's Show of the Oshawa and District Hunters and Anglers Club at Darlington Park on Sunday, September 16. The Department of Zoology, under the direction of Professor Gilbert prepared and set up the exhibit that included a slide show on the many species of ducks and Canada Geese. This exhibit is part of the continuing cooperative program in wild life now being expanded through that department's activities.

## FACULTY ACTIVITIES

**Professor J. N. Wright**, Languages, delivered a speech at the Universita Jana Evangelisty Purkyne in Brno, Czechoslovakia, entitled *K Dialektice Commedia Dell'Arte Jako Prehudce Socialistickeho Umeni: Prispevek K Aktualnim Problemum Soucasne Estetiky*. Professor Wright was also made an honorary member of Spolek Vltavan Na Vytoni of Prague, Czechoslovakia and elected president of the Accademica Agonale of Rome, Italy.

**Professor Dan Yarmey**, Psychology, was a guest on the Canadian Broadcasting Corporation programs Radio Noon with Joan Watson, and As it Happens with Harry Brown, and on Channel 13 Women's Fare with Elaine Cole. The interviews centred on Professor Yarmey's research on memory lapses or the "tip of the tongue phenomenon."

**Professor D. Elrick, Professor T. Bates, Professor T. Lane, Professor M. Miller and H. Henry**, Land Resource Science, attended the Advisory Fertilizer Board Meeting held at Kemptville.

**Professor R. Protz, Prof. E. Mackintosh and Professor D. Elrick**, Land Resource Science, met with the Honourable A.B.R. Lawrence, Secretary for Resources Development, to discuss the physical resource input to land use planning. They were accompanied by **S. Humphrey and B. Brian** of CDA.

**Professor L. Webber**, Land Resource Science, participated in the workshop on water quality and land use activities planned by the International Reference Group of Pollution from Land Use Activities.

**Professor W. K. Bilanski**, Engineering, has returned from a one year study leave in the Department of Materials Science, Stanford University, Palo Alto, California.

**Professor R. W. Irwin**, Engineering, presented a brief on behalf of the OAC to the select committee on Farm Drainage in Toronto.

**Alex A. Nelson**, Clinical Studies, presented a paper at the 3rd International Conference of the International Veterinary Radiology Society in Washington, D.C. The subject of his talk was, The veterinary X-ray technologist as an instructor at the undergraduate and postgraduate levels. **Professor P. W. Pennock and Professor V. T. Rendano** of the Department also attended this meeting.

**Professor Robert Simmons**, Political Studies, was a discussant on a panel Asian Political Systems, at the American Political Science Association Conference held at New Orleans.

**Professor Edward S. Herold**, Family Studies, has been appointed as a national consultant for *Medical Aspects of Human Sexuality*, a journal for physicians, covering the physical, psychological and cultural components of human sexuality and related aspects of family life.

**Professor Jeffrey E. Poklen**, Fine Art, recently spent two weeks in Scotland where, as an invited artist/participant in the Edinburgh Festival, he had a one man exhibit of his work and delivered a paper on, Archetypes of The Quest, at the Demarco Gallery. A third week was devoted to visiting a number of Iron Age earthworks and megalithic sites on the Salisbury Plain relevant to his concern with ritual space.

The 166th American Chemical Society Meeting held in Chicago was attended by several members of the Chemistry Department. **Professor Elmer Alyea, Professor Robert Balahura, Professor Nigel Bunce, Professor Michael Cocivera, Professor Patrick Henry, Professor R. K. Williams, Dr. Abdul Malek, Dr. Samuel Meyer, Dr. T. L. Kelly, and Dr. William Purcell** attended the meeting where the following papers were presented: Titanium (IV) Complexes with Dibasic Tridentate ONO and ONS Donor Schiff Base Ligands, E. C. Alyea, A. Malek, P. H. Merrell; Kinetics of the Reduction of Substituted Aromatic Nitrile Complexes of Pentaamminecobalt (III) by Cr (II), Robert J. Balahura and W. L. Purcell; The Volume of Activation for the Reaction of Pancreatic Ribonuclease with Cytidine -2',3' - Phosphate, R. K. Williams; Palladium (II) Acetate Catalyzed, Reactions of Olefins in Acetic Acid, Patrick M. Henry and Raj N. Pandey, an invited lecture in the Symposium on Homogeneous Catalysis; Photochemistry of Pivalaldehyde Studied by CIDNP by M. Cocivera, H. Chen and A. Groen; On the Role of Diazonium Cations as intermediates in the Photorearrangement of Azoxybenzene, N. J. Bunce.

**Professor R. A. Willoughby**, Clinical Studies, was re-elected secretary of the American College of Veterinary Internal Medicine at the annual meeting of the College held recently in Philadelphia.

**Professor D. J. Torney**, Psychology, attended the annual meeting of the American Association of State Psychology Boards as the representative of the Ontario Board of Examiners in Psychology in Montreal on August 26.

**Professor D. J. Torney**, Psychology, presented a paper on proposed new Ontario legislation governing psychology and health disciplines at the Annual Convention of the American Psychological Association on August 27 in Montreal.

## PUBLICATIONS

Malik, H. J. and Abraham Bovas, 1973. Multivariate logistic distributions. *The Annals of Statistics*, pp. 588-590. (Mathematics and Statistics)

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Neufeld, J. L., 1973. Lymphosarcoma in the horse: A review. *Can. Vet. Jour.* 14: 129-135. (Pathology)

Neufeld, J. L., 1973. Lymphosarcoma in a mare and review of cases at the Ontario Veterinary College. *Can. Vet. Jour.* 14: 149-153. (Pathology)

Taylor, P. A., 1973. Prostatic adenocarcinoma in a dog and a summary of ten cases. *Can. Vet. Jour.* 14: 162-166. (Pathology)

Almqvist, J. O. and R. G. Thomson, 1973. Relation of sexual behavior and ejaculation frequency to severity of vertebral body osteophytes in dairy and beef bulls. *J.A.V.M.A.* 163: 163-168. (Pathology)

Dahms, F. A., 1973. Workplace-residence linkages in Auckland, in *Urbanisation in New Zealand*, ed. R. J. Johnston, Wellington: A.H. & A.W. Reed, pp. 235-253. (Geography)

Hatch, Roger C., 1973. Effects of ketamine when used in conjunction with Meperidine or Morphine in cats. *Journal of the American Veterinary Medical Association* 162(11): 964-966. (Biomedical Sciences)

Saison, Ruth, 1973. Red cell peptidase polymorphism in pigs, cattle, dogs and mink. *Vox Sang.* 25: 173-181 (Biomedical Sciences)

Eband, R. M., 1973. Intramolecular singlet excitation transfer in glucagon. *Photochem. Photobiol.*, 18: 245-247. (Chemistry)

Eband, R. M. and R. J. Douglas, 1973. The effect of glucagon antibodies on plasma glucose and insulin levels. *Diabetes*, 22: 318. (Chemistry)

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Kremer, M. K., 1973. Gunter Grass Die Blechtrommel und die pikarische Tradition. *German Quarterly*, 46: 381-392. (Languages)

Cho, H. J. and D. G. Ingram, 1973. Pathogenesis of Aleutian disease of mink: nature of the antiglobulin reaction and elution of antibody from erythrocytes and glomeruli of infected mink. *Infect. & Immun.*, 8(2): 264-271. (Vet. Micro. & Immun.)

Derbyshire, J. B., 1973. Enterovirus neutralizing activity in the milk of sows. *Res. in Vet. Sci.*, 14(2): 257-259. (Vet. Micro. & Immun.)

Teskey, B.J.E., 1973. Rules for Pruning Fruit Trees. *Agdex 210/24*. April. (Horticultural Science)

Carlson, H. C., J. R. Pettit, R. V. Hemsley and W. R. Mitchell, 1973. Marble spleen disease of pheasants in Ontario. *Can. J. comp. Med.* 37: 281-286. (Pathology)

Carlson, H. C. and E. C. Beggs, 1973. Ultrastructure of the abdominal air sac of the fowl. *Res. vet. Sc.* 14: 148. (Pathology)

Wilshere, Alan D., 1973. Sermo vulgaris or sermo urbanus? *Forum for Modern Language Studies*, IX, 2, April. (Languages)



## Galbraith lecture scheduled Oct. 12

John Kenneth Galbraith, economist, author, alumnus and sometimes critic of this campus, will deliver the second annual Ronald S. Ritchie lecture on October 12.

This series, which began a year ago with Maurice Strong's lecture, honors a former chairman of the Board of Governors who played a significant role in the development of this University.

Mr. Ritchie joined the Board of Governors in 1965, and was chairman from 1968 to 1972. He also served as co-chairman of the \$7.5 million Development Fund campaign, from 1966 to 1968.

Dr. Galbraith, who received the first honorary degree conferred by the University of Guelph in 1965, is a professor of economics at Harvard. He was a close advisor of the late John F. Kennedy, and later served as U. S. Ambassador to India. He is a former editor of Fortune Magazine.

John Kenneth (Spike) Galbraith graduated from OAC in 1931 after growing up on a farm in Elgin County. He described his Ontario-Scottish forebears in *The Scotch*, one of many books he has written. His most recent book is *A China Passage*.

After earning a Ph.D. in economics from the University of California, he taught at California, Princeton and Harvard as well as spending a year as a Science Council Research Fellow at Cambridge. Dr. Galbraith is well known for his deep commitment to the welfare of students in developing countries.

The lecture is in War Memorial Hall at 8:15 p.m. Wednesday, October 12.

## Ontario Youth Choir

Tickets are still available for the Ontario Youth Choir which will sing at 8:30 in War Memorial Hall, Wednesday, September 26. The choir is made up of 62 young people who are touring southern Ontario under conductor Deral Johnson of London. Tickets are \$1.50 general and 75¢ students, available from Central Box Office.

## Studies noise in textile industry

A University of Guelph researcher is investigating methods of curtailing noise pollution in the textile industry, one of society's major polluters.

Professor Keith Slater, Department of Consumer Studies, says the image of the textile industry as a heavy polluter is rapidly disappearing as it looks for new methods of pollution abatement.

Professor Slater's work concerns noise within the mill since textile workers, particularly weavers, experience a higher rate of deafness than almost all other groups. He explained the problems encountered in purchasing new machines — the cost of new equipment, and the fact that existing equipment, even though noisy, is still capable of high quality production. Because of this second problem, Professor Slater is investigating the possibility of converging present equipment so a reasonable level of noise will be reached.

The traditional method of curtailing noise with earmuffs is ineffective because the noise can enter the skull through vibrations and employees find the muffs unbearable in hot weather.

Professor Slater decided to place microphones at strategic positions in processing equipment. He used a spinning frame, rather than a loom, because noise sources were more easily separately identifiable and because access for applying insulating material was simpler. The noise levels at several sources were recorded and the frequencies analyzed on a graph which showed the specific areas of the machine which were loudest.

Soundproofing, in the form of shag carpet, acoustic tiles or commercial sound-absorbing materials, was placed in the noisy areas to deaden the sound. This is effective although one problem has arisen: material from the carpet often causes contamination of the yarn being spun because it retains fibres from a previous batch. These can be picked up by a later batch, making it necessary to discard the yarn.

Professor Slater's research has been conducted in the Wellington County area, with much of the work being done at Harding Carpets in Guelph. The project is partially funded by the Defense Research Board.

## Wilderness camping

*Human Kinetics students try "damper twists" cooked on a stick at the annual wilderness camp, the practical part of the 75-300 course. Students complete the theoretical elements in three hours of seminars each week for the rest of the semester. A-V photographer Dan Thorburn who attended the camp, held at Camp Kandalore and in Algonquin Park caught the student, right, in meditative mood.*



# Guelph study looks at eating habits of Chinese community

The thousands-year-old Chinese custom of Yin-Yang (hot and cold) foods remains popular among members of Toronto's Chinese community, according to a survey recently completed by three members of the Department of Family and Consumer Studies.

Professors David L. Yeung and Jean H. Sabry, and graduate student Lilian W.Y. Cheung conducted the study, operating under the principle that advice in nutrition and therapeutic diets is more likely to be accepted when given within the framework of accustomed food habits. One of the project's objectives was to provide Canadian health officials with information about food concepts in cultural groups.

In Chinese philosophy, Yin and Yang are the two principle forces in the universe. They are opposing forces existing in every object and manifesting themselves in all forms.

The human body is believed to be governed by the Yin-Yang principle and to maintain a healthy body a balance between both elements is necessary. Foods influence the Yinness and Yangness of the body by the internal state they create after ingestion. In health and in food Yin and Yang are respectively referred to as cold and hot.

The classification of foods into hot and cold has been done throughout Chinese history and classification is not based on temperature variation.

A food is hot if after ingestion the condition of Yang results. When a hot disease occurs in the body, the consumption of a "cold" food, such as cabbage, will restore the equilibrium.

Respondents to the study indicated that the hot-cold concept was widely accepted. Although there was some discrepancy in the degree of hotness or coldness ascribed to some foods, there was no contradiction in categorizing the hotness or coldness of foods. For example, no food traditionally classified as hot was considered cold by any of the respondents.

In most of the households, there was a conscious attempt to achieve the Yin-Yang balance. Most of the respondents said greater effort was made to achieve this balance when illness occurred.

Although the hot-cold concept has not been scientifically validated, the study concludes that it is firmly entrenched in Chinese culture.

Professor Yeung explained that his department is initiating a program to conduct further studies at the graduate student level.



Professor Yeung, is shown at work in his office. The Family and Consumer Studies project is aimed at giving Canadian health officials information on ethnic group's food habits.

## Undergraduate enrolment is up 10%

Undergraduate enrolment is up nearly 10 per cent according to registrar Arnold Holmes. Some 8,365 students have registered in undergraduate programs at Guelph, and in addition more than 525 have enrolled as graduate students.

At the same time last year, about 7,500 students registered as full time undergraduates and slightly less than 500 as graduate students.

With the present figures totalled, it appears that almost 8,900 full time students will be on campus for the next 15 weeks.

Following is a breakdown of full time student enrolment by degree program. It should be noted that enrolment figures must be considered approximate as slight changes will occur throughout the semester.

Undergraduates	Full time students
Bachelor of Science in Agriculture	1160
Bachelor of Science in Engineering	165
Bachelor of Landscape Architecture	110
Diploma in Agriculture	285
Bachelor of Applied Science (Family and Consumer Studies)	940
Bachelor of Commerce (Hotel and Food Administration)	215
Doctor of Veterinary Medicine	400
Bachelor of Arts	2775
Bachelor of Science	2035
Bachelor of Science in	

Human Kinetics	230
Students taking cross courses	50

In addition to the University of Guelph's full time enrolment of 8,900, some 450 undergraduate students, and about 130 graduate students will study part time at Guelph this fall.

## HOMECOMING 1973

Bubblegum and bobbysox is the theme of Homecoming '73, recalling the forties and fifties on the campus. October 11 - 14 are the dates of the activity-filled weekend that includes crowning of the queen, the parade and wagon races, described in the student brochure as "vehicles powered by human energy and designed by your own ingenuity."

The weekend opens on Thursday with pub night at Macdonald Cafeteria, the Gryphon Room and the Complex. The semi-formal and queen crowning are Friday night, followed by float building and all night entertainment at the Bullring.

Saturday is the big day of the weekend with parade, races, McMaster vs. Gryphons game and homecoming concert and alumni old fellows night in the evening.

A car rally has been tentatively planned for Sunday.

Entry forms for parade, queen contest and races are available from Tom O'Grady, president at 821-4043 or Ruth Beilin, secretary-treasurer, P.O. Box 1179, Johnston.

## PERSONALS

**FOR SALE** — '69 Datsun, 821-0403; ski rack, Kenwood tuner, Dynaco preamp and amp, AR 2A speakers, 821-8046; complete set of Great Books of the Western World including Gateway to G.B. and Great Ideas, 821-5033; Antique oak secretary, church bench, bookshelf, spool legs, 824-1863 or Ext. 2297; stereo speakers, ONKYO model 22-E, 8 ohms, mac. 60 watts, tweeter control, also reel to reel tapes and head phones, 824-4428 between 6 and 10 p.m.; '66 Triumph 2000, Ann at 821-3163 after 5; 2 matching colonial wood beds, springs and mattresses, 822-2406; male and female labrador retriever pups, golden, purebred, north of Acton, phone 519-833-2689; 5 piece dinette suite, six panels pale pink, semi-sheer curtains, 822-0343 after 5; Almost new harvest gold stove, bookcase headboard, handmade pottery, Ext. 3526 or 821-6237; Table 30"x40", two chairs, 824-5049; Sony TC 8, 8 track recorder/player, 824-1918 or Ext. 3529; 23" b & w TV, 824-6795; '68 Volks station wagon, Ext. 8377; Small dresser, single continental bed, stereo record player-radio, 822-7846; Oak washstand, nursery rocker, sofa and chair, baby furniture, 821-7332; Studiotone stereo receiver, piano, 821-8936; 35 mm SLR camera, 3 lenses, electronic flash, 822-2251; b & w 20" TV, 824-9787. Hockey Skates, size 6½, Ext. 3864.

**HOUSING** — For rent, furnished 3 bedroom house, Jan. 1 to Aug. 31, 1974, 2 miles from campus, on bus route, Prof. Gibbins, Ext. 3477 or 821-2737; Townhouse, adults only, 3 bedrooms, appliances and cable, 821-8618.

**MISCELLANEOUS** — Person commuting daily from Dundas wishes to share driving, Ext. 3225 or 627-4791; Typing, 824-0373 or Ext. 3056; Will babysit full or part-time Speedvale-Woodlawn area, 821-3036. Girl guide uniform wanted. 822-3832.

## Grad house

The Graduate Students' Association now have a "happy hour" every Wednesday from 5—6 p.m. Grad house is open Tuesday to Fridays, 4 p.m. to 12 midnight. All graduate students are invited to drop in, or use the facilities which include pool table, shuffle board, ping pong, color TV, bar and lounge area.

## Sensory techniques in sea animals

Dr. Ralph Schusterman of California State University's Department of Psychology will speak on signal detection in marine mammals on Wednesday, September 26 at 3:30 in Arts 117. Dr. Schusterman will discuss the application of signal detection techniques in the sensory evaluation of sea lions and porpoises. The colloquium is arranged by the Department of Psychology.

## One act plays

The first one-act plays of the semester will be produced by honors drama students October 10—12. Samuel Beckett's *All That Fall* will be directed by Edna Widenmaier, and Sam Shepard's *Red Cross* by William Murphy. Performances are held in the Drama Workshop at 8 p.m. with a general admission of 50¢. Watch for future dates of other productions throughout the fall.

## Awards

Professor Ruth Saison, Biomedical Sciences, has received an Ontario Health Research Grant of \$16,585 for the remainder of the present fiscal year, and \$28,810 for 1974-75, for a study of canine immunogenetics.

## Women's fitness class

The women's fitness class has started under the direction of Ann Stallman and Jody Folusewych. The lunch time exercises run from 12:15 to 12:45 Monday to Friday in the small gym. Students, staff, faculty and faculty wives are invited to attend. Contact June Law, Ext. 2286 for further details.

## Badminton club

The Guelph Badminton Club is open to anyone on campus who is interested in playing Friday, Saturday or Sunday. The hours are Friday and Saturday, 7:45—11 p.m., and Sunday, 1—4 p.m. The club meets at the Armouries on Wyndham St. Further information is available from T. Lewis, 822-8857.

## Noon hours Thursday

The Camerata Four, next Thursday's noon hour concert performers, is a group of internationally known Canadian musicians who achieved recognition as solo performers before banding together to form an ensemble. Adele Armin is the violinist; Coonraad Bloemendal, the cellist; James Campbell, the clarinetist and Elyakim Taussig, the pianist. Thursday noon hour concerts are held at 12:10 and 1:10 in the Music Room, Arts 107.

## UGSCA film series

W. C. Fields dives out of an airplane after a whiskey bottle, gets mixed up with Mrs. Hemoglobin and an amorous ape and encounters other adventures before returning to his job at Esoteric Studios in *Never Give A Sucker An Even Break*. The cine-series presents this famous comedy at 2:30 and 7:30 p.m. Sunday, September 23 in War Memorial Hall. Cost of admission is 50¢.

John Wayne and Dean Martin star in Howard Hawks' humorous horse opera *Rio Bravo*, the next free film in Chem-Micro 200 on Wednesday September 26 at 8 p.m. only. There is no admission at the free film series.

## Historic houses tour

A house and garden tour of four historic buildings and a new home in the Elora area will be held this Saturday, sponsored by the Wellington County branch of the Architectural Conservancy of Ontario. The four residences are Auldstone, an 1866 stone house; Drew House, a nineteenth century stone mansion owned by the late George Drew's grandparents; Beck House, a stone cottage on Elora's main street built before 1880, and a contemporary cedar residence on the banks of the Grand River. The fourth historic building on the tour is the Ennotville Library where tea will be served. Tickets at \$3 are available from Fine Art Professor Gordon Couling or Political Studies Professor J. F. Melby.

## Faculty club hours

The University of Guelph Faculty Club is open Monday to Thursday from 12 noon to 7 p.m. Friday the Club opens at 12 noon and remains open to 12 midnight. Saturday and Sunday the Club is closed.

## Unisex hairdresser

The Unisex hair dressing service has opened in the former barber shop, Johnston Hall 16. The shop is operated by James K. Green who will do men's cuts and styling and ladies' cuts and sets.

## Educational showplace

Canadian Education Showplace, the marketplace for education, training and development will be held in the Industry Building of Exhibition Park, Toronto, from October 25—27. Free invitation cards are available from department secretaries and Audio Visual Services.

## Choral groups audition

Both the University Choir and the University Chamber Singers are presently auditioning new members. At its first rehearsal, the choir attracted 105 singers. Last opportunity to apply is at the rehearsal Wednesday, September 26, 6:30 in the music room, Arts 107. Candidates — students, faculty, staff and graduates — must be able to read music. Director Nicholas Goldschmidt plans an 80 voice choir this year. Assistant conductor is Nickolaus Kaethler, and accompanist, Mrs. Leah Harvey. The choir's first concert will be Wednesday, November 28 in War Memorial Hall, a selection from great oratorios. The chamber singers are under the direction of Derek Healey. This group, limited to 25 voices, meets on Mondays at 7 p.m. on the 8th floor of the Arts building. Anyone interested in chamber singing should see Professor Healey, Arts 213, as soon as possible.

## Graduate students health scheme

Many graduate students are not adequately covered for health services. Married graduates wishing to have their spouse and/or children insured, should make application to Mrs. M. McClanahan in Drew Hall, 1st floor on Thursday, September 20 or Thursday, October 4 between 12:30 and 2:30. Students may alternatively write to the Cooperative Health Services of Ontario, Drayton Branch, Box 219, Drayton or call 519-638-2278.

## Visitor to OVC

Professor W. Oyaert, Head of the Department of Internal Medicine, Veterinary Faculty, University of Gent, Gent, Belgium, has arrived to spend one month as visiting professor in the Department of Clinical Studies.

Professor Oyaert will present lectures on muscle and respiratory diseases to faculty and students in addition to participating in the activities of the Department. He may be reached by contacting Professor Willoughby, Clinical Studies, extension 2631.

# NEXT WEEK AT GUELPH

## THURSDAY, SEPTEMBER 20

**Worship** — R. C. MASS, 12 noon. Newman Centre, 325 Gordon St.  
**T. V.** — SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 6:15 p.m.  
**Radio** — HEIDELBERG HI-LITES, University of Guelph news program. CJOY 1460, 6:20 p.m. Monday — Friday.  
**Inter-Varsity Christian Fellowship** — THE CHRISTIAN COMMUNITY, discussion, 7:30 p.m. 9th floor lounge.

## FRIDAY, SEPTEMBER 21

**Barbecue** — GRADUATE STUDENTS, 874 Gordon St., starts at 5:30, park on campus.  
**Worship** — MUSLIM JUMA PRAYER, 12:30 p.m. Arts 312  
**T.V.** — SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 5 p.m.

## SATURDAY, SEPTEMBER 22

**Football** — WINDSOR VS. GRYPHONS, Alumni Stadium, 2 p.m.  
**Worship** — MUSLIM ZUHR PRAYER, 9th floor lounge Arts, 1 p.m.

## SUNDAY, SEPTEMBER 23

**Film** — NEVER GIVE A SUCKER AN EVEN BREAK (1941). Starring W. C. Fields. 2:30 and 7:30 p.m. War Memorial Hall. Admission 50¢.  
**Worship** — PUJA, sponsored by the Hindu Cultural Society, 10 a.m. 8th floor lounge Arts; ANGLICAN EUCHARIST, other denominations welcome, 9:30 a.m., 9th floor lounge, Arts; R. C. MASS, 11 a.m., War Memorial lounge.

## MONDAY, SEPTEMBER 24

**General Meeting** — INTERNATIONAL STUDENTS' ASSOCIATION, 7 p.m., Physical Science 113.  
**Course** — INTRODUCTION TO APL, 1:30 to 4:30 p.m. Course continues on Wednesday, Sept. 26 and Friday, Sept. 28. Instructor Jack Mathews. To register call Ext. 3046.  
**Seminar** — THE UNIVERSALITY OF LIFE, Dr. J. H. Conway, Cambridge mathematician, 4 p.m. Arts 107. See story this issue.  
**T.V.** — SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 7 p.m.

## TUESDAY, SEPTEMBER 25

**Membership party** — UNIVERSITY WOMEN'S CLUB. The club is open to all female University graduates, 7:30 - 9:30 p.m., 26 Sherwood Drive. Regular meetings are held the fourth Tuesday of the month, beginning in October, at Guelph Public Library, 8:15 p.m.  
**Course** — JCL AND UTILITIES, 1:30 - 4:30 p.m. Course continues Thurs., Sept. 27, Wed. Oct. 3 and Fri. Oct. 5. Instructor: D. Reynolds, Register at Ext. 3046.  
**Public Lecture** — NUMBERS AND GAMES, Dr. J. H. Conway, Cambridge mathematician, 8 p.m., Physical Science 105. See story this issue.  
**Aggie Week** — PANCAKE BREAKFAST, 7 a.m. Creelman and Crop Science. SQUARE DANCE, Athletics Centre arena, 8:30 - midnight.  
**Worship** — R. C. MASS, 12 noon, Newman Centre, 325 Gordon Street.

## WEDNESDAY, SEPTEMBER 26

**Film** — RIO BRAVO (1959). Starring John Wayne and Dean Martin. Sponsored by the Free Film Theatre. 6:30 and 9 p.m. Physical Science 105.  
**Music** ONTARIO YOUTH CHOIR. 8:30 p.m. War Memorial Hall. Gen. adm., \$1.25, students 75¢.

**Seminar** — EVALUATION OF ARDA'S FARM ENLARGEMENT PROGRAM, 1966-1972, Dr. A. M. Fuller, Department of Geography, 3:15 p.m., Agricultural Economics & Extension Education building. Room 302.

**Lecture** — MIRIAM WADDLINGTON, Canadian poet, reading and discussing her own poetry, 12 noon, Music Room 107, Arts.

**Colloquium** — SIGNAL DETECTION IN MARINE MAMMALS, Dr. Ralph Schusterman, Psychology, California State University, 3:30 p.m., Arts 117.

**Aggie Week** — GOAT WEIGHT GUESSING CONTEST, all day, COW MILKING CONTEST, 4 p.m., both events outside Arts.

**Worship** — ANGLICAN EUCHARIST, other demoninations welcome. 12 noon, Macdonald Hall 238.

## THURSDAY, SEPTEMBER 27

**Music** — CAMERATA FOUR, violin, cello, clarinet and piano. First of the Thursday, Noon Hour Concerts. 12:10 - 12:45 and 1:10 - 1:45 p.m. Music Room 107, Arts. Admission free.

**Inter-Varsity Christian Fellowship** — THE BODY OF CHRIST, Samuel Escobar, speaking on the Christian community, 7:30 p.m., 9th floor lounge Arts.

**Aggie Week** — AGGIE GAMES, Alumni Stadium, 7 p.m.

## KEEP THESE DATES

**October 5** — CONVOCATION

**October 11 - 14** — HOMECOMING "Bubblegum, Bobbysox."

**October 12** — JOHN KENNETH GALBRAITH, will deliver the Ronald S. Ritchie Lecture.

**November 5 & 7** — Lord Zuckerman speaking in the University of Guelph lecture series.

## JOB OPPORTUNITIES

*New Listing as of September 14, 1973*

**Custodian 1 (2 positions)**, Housekeeping Department, Physical Resources. Starting rate: \$2.30. Six month job rate: \$2.55.

**Mail & Messenger**, Communication Services. Salary Grade 1. Salary range: \$73 - \$96.

**Clerk Typist**, Maintenance Department, Physical Resources. Salary Grade 3. Salary range: \$88 - \$116.

**Technician (Grant Position)**, Zoology. Salary Grade 6. Salary range: \$116 - \$154.

*For further information please see Bulletin Boards or call Extension 3058 or 3059.*



*Students enjoy the last warm days on the lawns.*

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# NEWS BULLETIN

UNIVERSITY OF GUELPH