

LL. D. to political theorist

A political theorist whose reputation extends beyond the English-speaking world, will be honored by the University of Guelph at Convocation, Friday, February 8. Dr. Charles Brough Macpherson will receive an LL.D. degree and deliver the Convocation address at the afternoon ceremony.

Dr. Macpherson, who has been a member of the faculty of the Department of Political Economy, University of Toronto, since 1935, is a Fellow of the Royal Society of Canada and of the Royal Historical Society. His reputation as a scholar has led to a lengthy list of appointments as academic Fellow and visiting scholar at universities around the world.

A past president of the Canadian Political Science Association and a former member of the executive of the International Political Science Association, Dr. Macpherson is also a former chairman of the Ontario Council of University Faculty Associations and a former president of the Canadian Association of University Teachers.

Dr. Macpherson has also given much time to committees and activities at the University of Toronto beyond his teaching and research responsibilities. He has served on the Academic Affairs Committee of the Governing Council since 1973, he is a former member of the President's Council, and was chairman of the President's Advisory Committee on undergraduate instruction in arts and science.

Dr. Macpherson is widely known for his extensive writing on matters related to politics and political theory. He has written five books and edited four others. He has contributed chapters or sections to 16 books and written over 50 articles and 60 reviews. Four of his books have been translated into eight languages, totalling 16 foreign language editions.

It is a fitting tribute to such a scholar that last year, on November 19, the University of Toronto Press published under the title *Powers, Possessions and Freedom*, a volume of essays in honor of C.B. Macpherson. □



Let it snow, Let it snow, Let it snow !

The annual University of Guelph Central Students Association winter carnival has taken on a new name this year — "Snobash '80."

Three days of winter celebrations begin Thursday, January 31 with snow sculpturing on campus in front of Johnston Hall. The snow sculpture, the centrepiece for all "Snobash '80" activities, will surround a new addition to this year's carnival — a skating rink. Open to all, the rink will be maintained by volunteers throughout the winter months.

An information tent is another new addition to this year's events. It will be set up in Branion Plaza for the first two days of the carnival, and students will be selling hot dogs and hot chocolate and giving away posters and buttons from 10 a.m. to 11 p.m.

On Thursday there will be free skating on the rink, and a changing tent will be provided until the start of the Shiny Tournament at 7 p.m. This informal version of regular hockey is open to anyone who can raise a team, and the finals will be covered by the Labatt's special events truck.

A show of the latest fashions in ski clothes has been organized for Friday, February 1, by the CSA in co-operation with downtown merchants. The show begins at 12 noon in the courtyard of the University Centre. Also on Friday, the finals of the Shiny Tournament begin at 7 p.m. Prizes, donated by Labatt's Breweries, will be presented on Saturday night. Between 8 p.m. and midnight there will be sleigh rides around the campus, starting at the information tent on Friday and outside Creelman Hall on Saturday.

Two cross-country ski races at different skill levels start at 11 a.m. on Saturday in front of Johnston Hall. The snow sculpture judging also begins at 11 a.m. and the results will be announced in the evening during the

"Snobash" pub. The main event of "Snobash '80" begins at 1 p.m. in front of Johnston Hall and is called "Frozen Lard." It is described by John Weir of the CSA as "a collection of zaney games that should be seen rather than discussed." Finally, beginning at 2 p.m., there will be a licensed pub and buffet in Creelman Hall. Live entertainment will be provided by two bands. The prize-giving for all events begins at 7:30 p.m., followed by more free skating and sleigh rides.

CSA organizers have worked hard to make the carnival an event to look forward to and remembered by all members of the University community. Everyone is waiting for one vital ingredient to make it a success: snow. (Details are listed in *Next Week at Guelph*.)



President D.F. Forster meets a new student who did not want to attend the University of Guelph. The reason: Elizabeth Murray of Brantford wishes to avoid meeting a potential husband. But she is fighting a long tradition — her maternal grandparents, parents and sister met and married fellow students while attending Guelph and her maternal grandmother met her second husband at an OAC reunion. Nevertheless, Ms. Murray registered for the winter semester; the Department of Fine Art offered the right courses. The President hosts a luncheon each semester for new students, providing an informal opportunity for students, faculty and staff to get to know each other.

Rural shoppers have well developed consumer skills

Cities may offer convenient shopping, lower prices, unlimited selection and a glittering environment, but urban consumers tend to be less satisfied with their shopping experiences than their rural counterparts, according to research recently completed by Consumer Studies professor John Liefeld. The study, sponsored by the Research and Evaluation Branch, Consumer and Corporate Affairs, explored the differences in urban and rural consumer problems.

The most dramatic contrast between urban and rural consumers was in the relationship with the merchant. In rural communities, the merchant and consumer depend on one another and maintain a face-to-face, long-term business relationship. The merchant sees himself as an ally of his customer. He aims to satisfy, often dealing with the manufacturer on the customer's behalf. He sells not only goods, but the service that inevitably follows.

The urban consumer, on the other hand, has few face-to-face dealings with the same merchant. Each transaction is performed in

isolation, with little concern for a long-term relationship. The merchant and consumer both know that an unsatisfied consumer will take his business elsewhere, but with so many potential customers around, the merchant does not worry about a few dissatisfied customers.

Urban consumers have a dazzling degree of choice, but this often does not mean access to better quality. They often complain of the poor quality of the goods available. In rural areas, the choice may not be as wide, but the merchant has a clear idea of what products his customers prefer. He is more likely to stock only good value, middle-of-the-line goods, eliminating the discount models and the fancy, option-loaded models.

Urban consumers more often express dissatisfaction with the system. They blame the marketplace for shortcomings and problems. Rural consumers, on the other hand, seem more realistic in their approach, recognizing that problems can and do occur, but concluding that the system works as well as can be expected.

Says Prof. Liefeld: The study leaves the impression that rural consumers are wiser consumers. They are methodical and long-sighted in their consumer roles. They plan needs carefully, consult objective sources of information, consider the long-term quality/price relationship and take time to evaluate choices.

In contrast, the urban consumers are more impulsive, consult fewer sources of objective information, are more concerned about a low initial price than long-range quality considerations and are more likely to fall for extravagant claims about products. Based on numerous negative experiences in the marketplace, the urban consumer has negative expectations and they continue to be reinforced.

This research involved 80 urban participants, representing a wide range of socioeconomic levels within Metropolitan Toronto. These urbanites were compared to 83 rural consumers from small towns and farms in Huron County.

Prof. Liefeld will follow up this exploratory study with more rigorous research into the relationship between the degree of consumer choice, consumer skills and satisfaction. He, and Professor Louise Heslop, also of Consumer Studies, are proposing research along these lines.

Virtually all consumer legislation is drafted by urbanites with experience only in urban shopping, notes Prof. Liefeld. While the urban consumers vastly outnumber rural consumers, the differences between the two groups and their perceptions of "problems" should at least be recognized, if not taken into account, in formulating consumer policy and legislation. □

FACS Week

Minister of Consumer and Commercial Relations, Frank Drea, will be the guest speaker at FACS Week celebrations on campus next week. Mr. Drea will speak on "Consumer Issues of the 1980's" Tuesday, January 29 at 5 p.m. in Room 442 of the University Centre.

Mr. Drea is one of several speakers during the theme week "FACS of the Future" sponsored by the students in the College of Family and Consumer Studies January 28 to February 1.

A wine and cheese party at 5 p.m. in Room 103 of the University Centre begins FACS week January 28. Displays will be up in the courtyard of the University Centre where Consumer Studies T-shirts will be on sale. FACS Week buttons will be on sale in the FACS lounge in the FACS building.

Other speakers will include K. Bethune, director of public affairs for American Can of Canada Limited, at the FACS dinner and dance Tuesday, January 29 at 6:30 p.m. in Peter Clark Hall; Family Studies professor E. Herold who will discuss premarital sex Tuesday, January 29 at 12:15 p.m. in Room 103 of the University Centre; Professor E. Miles, Family Studies, on nutrition and health, Wednesday, January 30 at 2:15 p.m. in Room 442 of the University Centre, and Part-Time Studies and Family Studies professor, S. Luker, on "Marriage in the 1990's," Thursday, January 31 at 12:15 p.m. in Room 103 of the University Centre. (FACS Week details are in *Next Week at Guelph*.) □

PADRE YOUNG

Reverend W.A. Young, who spent almost 20 years as campus chaplain and student counsellor, died at Elora January 19. After graduating from OAC in 1926 he received a B.D. degree from Knox College and served pastorates in Manotick, Kars, Hensall and Fergus. He also served five years in the Canadian armed forces. In 1949, he became campus chaplain and public relations officer for OAC, retiring in 1967. Knox College honored him with an honorary D.D. degree in 1962.

During his years at OAC Padre Young became the most popular after dinner speaker in rural Ontario and logged uncounted thousands of miles attending farm meetings. He became particularly well known to many young people throughout the province through his leadership for about 15 years at the Ontario Junior Farmers Leadership Camps at Lake Couchiching. He was also a widely read columnist, contributing regularly to the *Farmer's Advocate* for many years. In a less well known facet of his accomplishments, he was an internationally recognized poultry judge, and continued his hobby as a poultry breeder until very recently.

Padre Young is survived by his wife and five daughters. One of his daughters, Nora, is married to Prof. Neil Stoskopf, director of the Diploma Program.

DONALD J. SMITH

Donald J. Smith, construction co-ordinator in the construction department of Physical Resources, died suddenly January 20 at the age of 60. He had served the campus in that role since 1968 when he came to Guelph. He formerly served the Toronto Transit Commission in a similar capacity. Mr. Smith was a member of the Rotary Club of Guelph.

He is survived by his wife Madge and two sons and two daughters: Dale, Carolyn, Richard, and Deborah.



ASIAN CANADIAN Women's Society is sponsoring a mini-series on women and health at the Guelph Public Library.

The first, offered by Dr. Caroline Pelletier, assistant director of the University's health services Thursday, January 31 at 7:45 p.m., will deal with family planning and the menstrual cycle. Gynaecologist Dr. Azra Shah will discuss common forms of cancer among women Thursday, February 14 and Liz Honnegger of the University's Counselling and Student Resource Centre, Psychological Services, and psychology professor Linda Wood will deal with loneliness and depression Wednesday, February 27.

THE UNIVERSITE du Quebec à Montreal will host the 1980 meetings of the learned societies from May 26 to June 4. The annual meeting of the Royal Society of Canada will take place June 1 to 4, also at UQAM. The organizing committee, headed by Gilbert Dionne of the department of philosophy, expects to accommodate about 6,000 scholars during the meetings. Dr. Dionne may be contacted at UQAM, C.P. 8888, Succursale A, Montreal H3C 3P8, telephone 514-282-7800.

First Chinese visiting scholar adapting Western techniques

The University of Guelph's first visiting scholar from China, Madame Shen, from the Peking Agricultural University, has been busy reading research papers and technical journals relative to poultry nutrition and production since her arrival in late November. She has also been familiarizing herself with current University of Guelph research projects in this field.

"We are trying to give her a picture of what we do and why," says Animal and Poultry Science chairman, Professor W.D. Morrison "and she will try to adapt our techniques to materials and conditions in China. For example, China has different sources of poultry feed."

According to Madame Shen, the present Chinese government is very anxious to modernize and improve Chinese agriculture. In fact, the current national priorities are national defense, agriculture, industry and culture.



Prof. Morrison and Madame Shen.

Veterinary students to host "Probe '80"

The Guelph chapter of the Canadian Veterinary Students' Association will host "Probe '80" Saturday, February 2 in Room 105 of the Physical Sciences building from 8 a.m. to 12:30 p.m.

This annual event emphasizes a particular aspect of veterinary medicine, providing valuable information for undergraduates and graduates of the OVC.

The topic of this year's production is "Specialization in Veterinary Practice."

Several speakers have accepted invitations to participate, including: Dr. N. Anderson of Snelgrove; Dr. T. Calverley of King; Dr. W. Kay, director of the Animal Medical Center, New York City, and Dr. T. Van Dreumel of Guelph, a member of the specialization committee of the Canadian Veterinary Medical Association.

OVC students Kirsty Watson, Lyle Pollock, and Peter Rich have been involved in the organizational responsibilities for "Probe '80" on behalf of the Canadian Veterinary Students' Association.

Although sad about being parted from her husband and two children, who had to remain in Peking, Madame Shen feels that her coming to Canada to learn advanced techniques of Western technology will help her country to achieve its aims in agriculture as quickly and economically as possible.

She already had a workable knowledge of the English language before coming to Canada as she had studied English as a foreign language for three years in "middle school." However, there was little opportunity for further practice until relatively recently when changes in the Chinese political regime made technical papers in the English language more accessible.

In 1952 Madame Shen began her undergraduate academic program at Peking Agricultural University. During her first year there, she learned to read, write and speak Russian over a 10-month period so that she could continue her studies in Russia. From 1954 to 1958 she studied agriculture at Russian universities where she completed her undergraduate program.

Although she acquired considerable knowledge during her studies in Russia, Madame Shen believes that Western agricultural technology is more advanced and anticipates that she will acquire much valuable information and techniques during her two-year stay at the University of Guelph, where she will be assisting with existing research projects. "I have found everyone here very nice and extremely helpful," says Madame Shen.

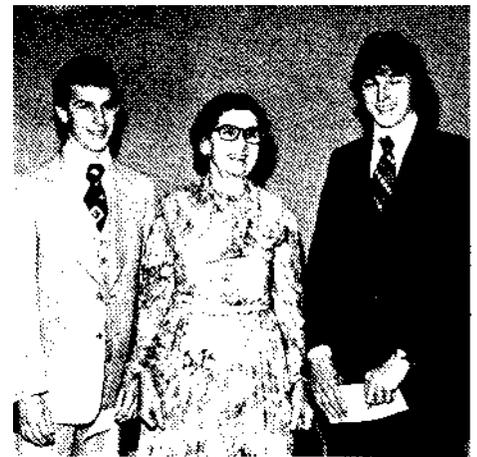
Prof. Morrison corresponded with Madame Shen's former professor at Peking Agricultural College for over a year before arrangements were made for her to come to Canada. On her way to Guelph, Madame Shen spent a month at the University of Saskatchewan where two other Chinese agriculture students are currently enrolled. □

Klinck Lecture

The 1980 Klinck Lecture, sponsored by the Agricultural Institute of Canada and the Ontario Institute of Agrologists (Guelph Branch) will be given Monday, February 4 at 4:10 p.m. in Room 103 of the University Centre. The topic is the importance of transportation to the agricultural economy of Canada and the impact of transportation policies on agriculture. The lecture will be given by John R. Baldwin, a native of Ontario who has served as Deputy Minister of Transport for 14 years, president of Air Canada for five years and a special advisor to Transport Canada until 1976.

The Klinck Lectureship is an annual event given by an outstanding speaker who presents a talk at seven or eight locations across Canada on a subject of major significance to agriculture. OAC Dean Clayton Switzer, was the 1979 Klinck Lecturer.

AWARDS



Carr Scholarship recipients: Terry Laidlaw, left, and George Sikma with Mrs. Carr.

Terry Laidlaw of Norval and George Sikma of Newcastle, two 1979 graduates of the OAC received \$2,500 graduation scholarships at a special ceremony at the University January 4.

The Samuel Carr Scholarship and the William Park Carr Scholarship are awarded annually from the estate of the late Samuel Leister Carr to students who return to full-time farming. The presentations were made by Mrs. W.H. Carr. The winners must have demonstrated willingness to accept responsibility and leadership both on the University campus and in their home communities as well as maintaining a good academic standing.

Mr. Laidlaw, winner of the Samuel Carr Scholarship, has returned to the family dairy and fruit farm near Brampton where he is developing a financial stake in the farm operation. He has been active in 4-H and Junior Farmer activities in Peel County and also in Norval United Church. He was president of the OAC Class of '79 in his graduating year and was active in College Royal activities and in various athletic endeavors. He was also president of the student council at Streetsville Secondary School and class valedictorian.

Mr. Sikma, who has received the William Park Carr Scholarship, has rented a 116-acre farm near his home farm at Newcastle, and has long-term plans to own his own dairy farm. He was an active member of 4-H clubs in Durham County and in the Durham Holstein Club. Mr. Sikma was treasurer of OAC Class '79A in both his first and second years. He was also a member of the University of Guelph judging team at the Royal Agricultural Winter Fair. □

A SENIOR SCIENTIST at the Canada Centre for Inland Waters, Burlington, Jack Vallentyne, will present a new approach to the problems of the Great Lakes that includes man as an integral part of the problem in a speech on campus Wednesday, January 30. Sponsored by the College of Biological Science Students Council, Mr. Vallentyne will speak at 8 p.m. in Room 200 of the Botany, Genetics, Zoology building. His presentation will include the reading of a new fable entitled *St. Francis and the Herring Gulls of Lake Ontario*.

PATHOLOGY professor Joseph Geraci was referred to in an article in the *New York Times* January 13. The pathologist was to perform autopsies January 23 at the New England Aquarium to determine the causes of the deaths of more than 40 seals. The carcasses were found on Cape Cod beaches over a three-week period.

The National Marine Fisheries Service is perplexed over the deaths. Said a special agent: "The dead seals appear in good shape. There are no marks on them or appearance of foul play and they look well fed." He said seal deaths usually average less than three a month. Several colonies of seals migrate to the waters of Cape Cod and Boston's South Shore each fall.

THE ROYAL ALEX shuttle service will take theatregoers to see Tom and Dick Smothers in "I Love My Wife" Thursday, February 7. It's a musical comedy about two friends from Trenton, New Jersey, who decide that wife-swapping might brighten up their Christmas eve. Tickets, at \$13, include a good orchestra or balcony seat and return transportation in a travel cruiser. The bus leaves the University Centre at 6:30 p.m.. Tickets are available at the central box office in the courtyard of the University Centre, Ext. 3940.

THE GAMES ROOM is sponsoring a Euchre Tournament Tuesday, January 29, at 7 p.m. in Room 103 of the University Centre.

Applications may be picked up at the Games Room, level 3, University Centre. Admission is \$2.50 per team. The event is licensed under the LLBO.

THE COLLEGE WOMEN'S Club's annual dinner and dance is Saturday, February 9 at the Holiday

FACS Sheet discusses 'old folks'

Independence, self-respect and dignity can make the difference between enjoying the later years and merely enduring them. Gerontologists are now realizing that the services and opportunities needed and desired by senior citizens can be provided while facilitating independence.

Gerontology: A New Look at Old Folks, the most recent *FACS Sheet* published by the College of Family and Consumer Studies, deals with the growing ranks of the retired. It focusses on two particular concerns, housing and retirement income.

Canada faces a crisis of sorts in supporting the growing proportion of senior citizens in its population. Current contributions to pension funds will have to increase if these funds are to support adequately a larger retired population.

The family home is an important financial asset in the later years, and many seniors prefer to continue living in it. The emotional security provided by the family home may outweigh any consideration of a low-maintenance apartment. As the cost of maintaining a house rises, however, many more seniors may opt to move into apartments or condominiums.

While most of the elderly must live on a drastically reduced income during retirement, this income often stretches farther than anticipated because of lower expenses and seniors reductions and discounts.

If you would like to receive this and/or future *FACS Sheets*, please contact Mrs. A.V. Campbell, Ext. 2409. □

Inn, Guelph. Tickets, \$12 each or \$24, couple, are available by telephoning 824-2038, 822-1502 or 823-5403.

LES BALLETS JAIL from Montreal, recognized as one of the four great dance companies in Canada, will perform at the University Thursday, February 14 at 8:30 p.m. in War Memorial Hall.

Les Ballets Jazz combines modern dance and ballet inspired by the infinitely varied rhythms of jazz music for which the dancers of the company are specially trained. Their unique blend of classical and jazz dancing brings audiences to standing ovations and critics praise their vitality and creative approach to dance.

Tickets, on sale at the central box office in the courtyard of the University Centre are: general admission, \$5 and students and seniors, \$4. This event is sponsored by the University Centre.

THE UNIVERSITY CENTRE and CKLA Radio will present "An Evening of Jazz" with Oscar Peterson on Saturday, February 23, 8:30 p.m. in War Memorial Hall.

Hailed as the world's most renowned jazz pianist and one of the greatest virtuosos in jazz, Oscar Peterson has won numerous awards, among them the Down Beat Award for 12 consecutive years as the best jazz pianist, the coveted Playboy Award and the Grammy in 1975.

Tickets, on sale at the central box office in the courtyard of the University Centre are: general admission, \$9.90 and students and seniors, \$8.80.

WOMEN on campus will be interested to know that Mrs. Eleanor Wagner of Guelph wishes to re-establish a Guelph Chapter of the Canadian Federation of Business and Professional Women's Clubs by May 1. CFBPWC was established by federal charter in 1930 as a national organization to promote the interests of business and professional women in Canada and to affiliate with similar organizations in Canada and abroad. The nearest chapters are the Galt/Preston and the Toronto clubs. For more information contact Mrs. Wagner, home, 822-5949; business, 824-2800.

THE CONFERENCE OFFICE seeks a student conference co-ordinator from April 15 to August 29. Employment forms are available at the Counselling and Student Resource Centre, level 3, University Centre. Submit applications to the conference manager, Central Reservations and Conferences, Room 136, Lambton Hall, before January 25.

WOULD WHOEVER ordered the 1977-1978 annual report of the Canadian Saltfish Corporation, St. John's, Newfoundland, contact Don Jose, Department of Information, Ext. 3464.

PIANIST Paul Bempéchat will perform at the Thursday Noon Hour Concert January 24, at 12:10 and 1:10 p.m. in Music Room 107 of the Arts building.

The first program will include Alban Berg's *Sonata, Opus 1*, and *Sonata in G Major, D. 894*, by Schubert. Program II will consist of Haydn's *Sonata in C Major, Hob. XVI/48*, and Schumann's *Sonata No. 1 in F Sharp Minor, Opus 11*. Admission is free.

Young Authors Symposium

The Young Authors Symposium, sponsored by the Electrochemical Society (Ontario-Quebec Section) and hosted by the Guelph-Waterloo Centre for Graduate Work in Chemistry, was held in the Physical Science building, Saturday, January 12.

The symposium, which was organized by Alex McDonald, a graduate student in the Centre, was comprised of seven papers all contributed by graduate students and was attended by 40 participants consisting of graduate students, University faculty, and representatives from industrial research laboratories. The speakers came from a variety of Ontario universities and from the State University of New York at Buffalo.

The meeting was highlighted by a luncheon speech by Dr. E.J. Casey of the Defence Research Laboratories, Ottawa. He outlined the bright job prospects for graduate students trained in electrochemistry and related areas. □

Goods and Services

For Sale — 1977 Ranchero GT Brom, 836-3820, days, and 578-5834 after 6 p.m.; Martin D-35 acoustic guitar, 822-4808; Hoover washing machine, ideal for apartment, 821-1494 after 6 p.m.; ceramics, 836-4037; avocado fridge and stove, dining room table with 6 chairs, double dresser, chest of drawers, double bed, portable 2 sectional bar, oval braid rug, 8W X 11W, 823-2063 after 6 p.m.; ski boots, sizes 9 and 3689; used water softener column, brine tank and clock, 3593; 16 cu. ft. Woods freezer, 836-3284 after 5 p.m.; Chippendale style sofa, off-white brocade upholstery, 821-0747 after 6 p.m.; acoustic guitar with case, Martin "Sigma," new condition, 824-2148; new, quilted Snug Sacks, 823-2737; coniferous cone wreaths, 3803; skis, head comp. 163 cm, good condition; new Bert II, retractable, bindings, San Marco boots, size 8-9, poles, goggles, Jamie, 821-6432 after 6 p.m.; chesterfield, luggage, in good condition, 821-9323 before 8 p.m.; winter tire and summer tire, F78 X 14, like new, 821-8445.

Found — Woman's red glove, at President's Luncheon for New Students, 3864.

Available — Ceramic lessons, 836-4037; garage sale, January 27, 236 Gordon Street, 9:30 a.m. to 5:30 p.m., 821-9898.

Wanted to Buy — Mason or Crown jars, glass fireplace doors, windows, 3803.

Accommodation

For Sale — Immaculate, double brick, completely insulated home, 5 bedrooms, 2 kitchens, 2 full baths, family room with fireplace, double garage, large treed lot, University area, 824-2551.

For Rent — Fully furnished, 3 bedroom home, full facilities, close to shops, schools and University, available June 1, 1980 to August 31, 1981, 836-2953.

For Rent — 4 bedroom apartment, 8 rooms altogether, ideal for group of students, in downtown area of Guelph, 821-1769.



Basic Applied Statistics: left to right, Prof. Raktoe, President D. F. Forster, Prof. Hubert and Department chairman, Prof. W. Smith.



Pesticides in the Environment: left to right, Prof. McEwen, President Forster and Prof. Stephenson.

Basic Applied Statistics
B.L. Raktoe, J.J. Hubert
Marcel De Kker, Inc., New York, 1979.

For students who are interested in learning statistics but lack an advanced mathematical background, *Basic Applied Statistics* by statistics professors Leo Raktoe and John Hubert sets forth the basic statistical concepts in a one-semester course format that requires elementary algebra only. The 16 chapters cover descriptive statistics, basic probability, inferential statistics based on the t, chi-square and F distributions, regression and correlation, experimental design, and sampling from finite populations.

The book features a concise, modern treatment of the concepts, emphasizing definitions and results, over 400 examples and exercises with references to more than 60 real world data sets, standard statistical tables and answers to most of the exercises, and novel presentations of regression, design and sampling.

Undergraduate majors in the sciences, social sciences, economics and psychology will benefit from this introductory approach to statistics. □

The Use and Significance of Pesticides in the Environment
F.L. McEwen and G.R. Stephenson
John Wiley and Sons, Toronto, 1979. 538 pp.

The enormous increase in the use of pesticides during the past 30 years has fueled a major controversy. Proponents argue that their use is necessary to provide an adequate food supply and protect human health. Opponents dispute this contention and claim severe damage is being done to our environment,

with adverse effects on fish, wildlife and, most worrisome, human health.

The Use and Significance of Pesticides in the Environment by Guelph environmental biologists F.L. McEwen and G.R. Stephenson provides an overall treatment of the subject from an unbiased point of view. It contains a rational assessment of the benefits and risks of pesticides — the reasons for their use in terms of perceived and demonstrable benefits; the nature of the chemicals involved (including illustrations and descriptions on the mode of action of major compounds) and their potential good or harm; the penetration of pesticides into the environment and their continued presence; the effects of such pesticides on target and nontarget organisms, and the legislative controls on pesticide use.

All this information is condensed for the first time in this single text which provides the scientific base needed to evaluate the pros and cons of pesticides at a level that can be readily understood. Extensive data tables and an excellent bibliography contribute to making this book valuable to research scientists, professors and students, as a comprehensive treatment of a complex and controversial subject.

This book resulted from a course developed by the authors and offered for the first time at Guelph in 1972. The course is now taken each year by some 175 students. Since no text was available that covered the whole aspect of pesticides and their uses, students had to develop an extensive reference shelf in order to obtain adequate background information, say the authors. *The Use and Significance of Pesticides in the Environment* is an attempt to synthesize this information in a single volume. □

Baton, E.K., 1979. "The Theory of Saltation and Its Application in the Ontogeny of Fishes: Steps and Thresholds," *Env. Biol. Fish.* 4: 97-101 (Zoology).

Balon, E.K. and E.M.P. Chadwick, 1979. "Reclamation of a Perch Lake: A Case Study Using Density Estimates and the Guild Concept," *Arch. Hydrobiol.* 85: 543-547 (Zoology).

Balon, E.K., 1979. "The Juvenilization Process in Phylogeny and the Altricial to Precocial Forms in the Ontogeny of Fishes," *Env. Biol. Fish.* 4: 193-198 (Zoology).

Balon, E.K., 1979. "The Role of Carotenoids in Endogenous Respiration of Fish Embryos," *Abstracts of the 59th Annual Meeting of the American Society of Ichthyologists and Herpetologists*, Orono (Zoology).

Bowles, L.H., P.K. Deitch and T.A. Watts, 1979. "Metric Conversion Requires Sensory Testing to Produce Equivalent Food Products," *Food Product Development* 13(9): 54-59 (Consumer Studies).

Lynn, D.H., 1979. "Changes in the Classification of Several Major Taxa of Ciliophora on the Basis of a Numerical Phenetic Analysis," *J. Protozool.*, 26: 359-366 (Zoology).

McElman, J.F. and E.K. Balon, 1979. "Early Ontogeny of Walleye, *Stizostedion vitreum*, with Steps of Saltatory Development," *Env. Biol. Fish.* 4: 309-348 (Zoology).

Morgan, G.A.V., 1979. "Learning Disability," *Teacher Education*, University of Toronto, 15, October: 64-73 (Centre for Educational Disabilities).

Raeside, J.I. and A.T. Middleton, 1979. "Development of Testosterone Secretion in the Fetal Pig Testis," *Biology of Reproduction* 21: 985-989 (Biomedical Sciences).

Library Associate, Bibliographic Search, Library. Salary range \$220.07-\$313.82 (open to on campus employees only).
Custodian 2, Housekeeping. Job rate \$5.67. Probation rate \$.20 per hour lower than job rate (open to on campus employees only).
Custodian 3, Housekeeping. Job rate \$6.05. Probation rate \$.20 per hour lower than job rate (open to on campus employees).
Groundskeeper, Grounds Department. Job rate \$6.05. Probation rate \$.20 per hour lower than job rate (open to on campus employees).
Grounds Machinery Operator, Grounds Department. Job rate \$6.44. Probation rate \$.20 per hour lower than job rate (open to on campus employees only).
Professional Assistant/Statistician, Personnel Department. Contractually limited appointment. Salary commensurate with qualifications and experience.
Custodian Housekeeping. Job rate \$5.35. Probation rate \$.20 per hour lower than job rate (open to on campus employees only).

For further information please see bulletin boards.

TEN LESSONS in relaxation and biofeedback are offered by the School of Human Biology beginning February 4. Noon and evening programs are planned. Telephone Ext. 2662 or 3768 for details.

Crop production in Kenya assisted by LRS professor

Land Resource Science professor Jack Ketcheson has returned from Kenya where he has been helping develop research procedures which should improve crop production in that country.

This was Prof. Ketcheson's third trip to Kenya where he has been working with the Ministry of Agriculture on research with fertilizer and soil moisture use, important aspects of agricultural production in a country where much of the population is dependent on agriculture, and where 90 per cent of the population lives on 20 per cent of the land. This unbalanced situation is the result of rainfall patterns that leave 80 per cent of the country in an arid or semi-arid state.

The research project started in 1974 when Prof. Ketcheson was asked by the International Atomic Energy Agency in Vienna to carry out an 18-month assignment in Kenya. The agency, which is devoted to furthering peaceful uses of atomic energy, contracted Prof. Ketcheson to work with ministry personnel in the development of procedures to use radioisotopes in soils research. He spent 13 months in Kenya at that time, returned for a month in 1976, and three months this fall. Land Resource Science faculty member Murray Brown also spent a month in Kenya in 1975.

As a result of the project, research programs on the use of mulches to conserve soil moisture and on the more efficient use of phosphorus fertilizer as well as the behavior of phosphorus in the soil are well under way. The International Atomic Energy Agency supplied the two neutron probes that are being used to measure soil moisture in soil management experiments and equipment that utilizes radioactive tracers as means of studying phosphorus behavior in soil as well as phosphorus uptake in plants.

Prof. Ketcheson explains that development of soil tests is an important part of the research. Tests used in Canada are not necessarily appropriate for Kenyan soils which are most often deficient in phosphorus and nitrogen and sometimes in potassium. The tracer equipment is helping researchers develop new tests. With better knowledge of soil composition, farmers will know how best to use scarce and expensive commercial fertilizers.

The research has other important implications for Kenyan farmers who in dryland areas may receive most of their annual 500 mm rain in two months. Guelph, by contrast, receives 850 mm, but over a period of 12 months and under much lower temperatures. Heavy downpours in July and November seal the soil surface and carry precious topsoil to the nearest waterway. An important aspect of the research is the study of the use of crop residues and mulching as methods to control erosion and conserve precious moisture in the soil.

Emphasis in international aid should focus on helping countries develop expertise to further their own agricultural research and improve their food supplies, rather than on supplying food except in obvious emergencies, Prof. Ketcheson says.

As a result of this research program, Kenyan personnel have been trained to carry on the essential soil studies. John Gitonga and Albert Chege worked with Prof. Ketcheson in Kenya and were selected to come to Guelph on International Atomic Energy Agency fellowships. Here, they completed Master's degrees with Prof. Ketcheson on problems directly related to their work with the Ministry of Agriculture in Kenya. □

Fitting the job to the man and the man to the job

For the past year, Professor Bob Webb, School of Human Biology, has been involved in seminars and speaking engagements throughout Ontario and Quebec, telling people about ergonomics — the science of man at work. Approximately twice a month, speaking sometimes to six and sometimes to 100 people, Prof. Webb has been discussing the scope and applicability of ergonomics for manufacturing and service industries.

In response to the positive reception from management, labor and occupational health and safety specialists at these meetings, the ergonomics unit at the School of Human Biology held a number of seminars. These focussed on specific topics such as shiftwork, manual materials handling and training methods and objectives. Before this, in conjunction with the Industrial Accident Prevention Association, a four-day introductory workshop entitled "Evaluation of Human Factors in the Workplace" had been held in March, as well as two one-day seminars in July on "Motivation at Work" and "Women in the Workplace." The response to most of these seminars was very encouraging.

Students in the School are benefiting from this liaison activity, says Prof. Webb. Over 10 field trips to different industries have already been made and more are being arranged. Several students were on field projects in the fall semester and more are expected for this semester's undergraduate courses. Future employment prospects for graduates are also being improved. At least three recent graduates gained summer employment arising directly from these contacts and one of these positions became permanent.

For more information on upcoming seminars contact Prof. Webb, Exts. 3705/3768. □

Sherbrooke's chief librarian speaks at seminar

The chief librarian at the University of Sherbrooke, Quebec, Guy Cloutier, was the guest speaker at a seminar on the state-of-the-art in library and information sciences held recently in the McLaughlin Library.

In this third of a series, shared jointly by the University of Waterloo, Wilfrid Laurier University and the University of Guelph, Mr. Cloutier presented a paper entitled *What Academic Research Libraries Need or Want From a Bibliographic Resource-sharing Network*. The presentation was followed by a group discussion of the paper during which the four chief librarians, Murray Shepherd, Eric Schultz, Margaret Beckman and Mr. Cloutier, acted as a resource panel.

Speaking to library professionals representing the three area universities, Mr. Cloutier emphasized several points of concern. He said he was convinced that the federal government was putting "the cart before the horse" in its attempts to establish a national network before smaller working units were in place at the local level. At this level, he felt it was necessary to develop interactive goals and objectives before any further co-operation among institutions could be considered.

In the area of initial co-operation, Mr. Cloutier indicated the need for ready access to the shared resources which would be virtually worthless without an effective and inexpensive interlibrary loan system coupled to a fast delivery system.

In closing, he discussed the advances made in the technology of information. Over the past few years the developments in the areas of automation and communications have made accessible many concepts previously considered inappropriate because of the excessive costs involved. Among those concepts still beyond technical reach is that of electronic document delivery, a variant of interlibrary loan. Mr. Cloutier and the other members of the panel, however, predicted that at the present rate of technological improvement, and the comparative reduction in cost of both software and hardware, such a delivery system is a good deal closer at hand than many people assume. □



THE BASKETBALL STAGE is set for a first place showdown in the OUAA West Division Friday evening at 8:15 p.m. at the Athletics Centre. Both the Windsor Lancers and the Gryphons come into the game with perfect 4-0 records.

A number of other athletic events are scheduled for this weekend: the women's curling West Sectionals at the Guelph Curling and Guelph Country Clubs; Guelph is hosting the men's badminton Sectionals Saturday and Sunday; the women's archery team will go to Waterloo.

Last Saturday's basketball win at Laurier was head coach Gib Chapman's 250th career college victory. Against 63 losses, the record is impressive.

Elected President

Professor J.B. Derbyshire, Veterinary Microbiology and Immunology, was elected president of the Conference of Research Workers in Animal Diseases at the 60th annual meeting held in Chicago.

Study Tour

Philip R. Goodrich, visiting professor, School of Engineering, travelled through China, Thailand, India and Egypt on a study tour as a member of a team studying bio-gas plants which produce methane gas from animal and plant wastes. The trip was sponsored by the Egyptian Academy of Science and Technology, and the National Academy of Science, Washington, D.C. His lecture topic in China was entitled "Bio-gas Production on Farms in the US and Canada."

Named to Expert Committee

Professor P.A. Wright, School of Agricultural Economics and Extension Education, has been named for a two-year term to the Expert Committee on Farm Management, one of four subcommittees of the Canada Committee on Socio-Economic Services.

Travels and Seminars

Professor J.C. Cairns, Centre for International Programs, was guest speaker at a meeting of the Kitchener-Waterloo branch of the Canadian Institute for International Affairs. His subject was "UNESCO: Its Role and Programs."

Professor Stan Collins, School of Engineering, attended the annual meeting of the Ontario Association of Remote Sensing held in Downsview where he was re-elected to the council of the Association.

Professor T.F. Funk, School of Agricultural Economics and Extension Education, presented a paper, "Farmer Decision Process in Purchasing Herbicides," to the American Marketing Association's Agricultural Chemical Meeting in Washington. He also gave a paper, "What Makes Farmers Buy," to the annual convention of the Canadian Animal Breeders Association in Toronto.

Professor R.J. Julian, Pathology, presented a seminar, "Lameness in Poultry," at the Curtis Chicks hatchery renovation and extension open house in Port Hope and also spoke on "Today's Poultry Disease Problems" at a Shur Gain poultry seminar held in Guelph. Prof. Julian also presented a seminar, "Veterinary Medicine in the Windward and Leeward Islands," to the Quinte District Veterinary Association at Belleville.

Professor Doug Killam, Chairman, Department of English Language and Literature, attended the Fifth Triennial Conference of the Association of Commonwealth Literature and Language Studies, the University of the South Pacific at Suva, Fiji where he presented a paper and chaired a plenary session on "Critical Approaches to Commonwealth Literature" with colleagues from Nigeria, India and Australia.

Guelph has been nominated as the site of the ACLALS Secretariat for the period 1980-1983 and Prof. Killam succeeds Professor K.L. Goodwin, The University of Queensland, as chairman of ACLALS.

Professor O. Slocombe, Pathology, presented a seminar, "Anthelmintic Use in the Bovine," at the

12th convention of the Western Ontario Veterinary Medical Association held in London.

Professor W.R. Smith, Mathematics and Statistics attended the Canadian Association for Gerontology Meeting in Halifax. He delivered a paper entitled "A Simple Dynamical Systems Model for Senescence."

Professor D.P. Stonehouse, School of Agricultural Economics and Extension Education, attended the Agriculture Canada Annual Outlook Conference held in Ottawa.

Next Week at Guelph

Continued from page 8.

TUESDAY, 80 01 29

Our World — THE PEOPLE'S CHINA, documentary on today's China as seen through the eyes of the people, 12:10, UC 442.

FACS Week — PREMARITAL SEX, Prof. E. Herold, Family Studies, 12:15, UC 103; THE HON. FRANK DR EA, Minister of Consumer and Commercial Relations, 17:00, UC 442; THE ANNUAL FACS DINNER AND DANCE with guest speaker Mr. K. Bethune, Director of Public Affairs for the American Can of Canada Ltd., 18:30, PCH. Tickets for the dance only: 75 cents at the door.

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

Physics Colloquium — CAPILLARY WAVES, Dr. R.C. Desai, department of physics, University of Toronto, 16:00, Phys. Sc. 113.

Worship — ANGLICAN EUCHARIST, 17:00, UC 332; CATHOLIC MASS, 17:00, Chapel, level 5, UC. Job Hunting — RESUME WRITING CLINIC, 18:00, Counselling and Student Resource Centre. No need to register.

Workshop — STUDY SKILLS WORKSHOP, 19:00; register at the Connection Desk, level 3, UC.

Tournament — EUCHRE TOURNAMENT, 19:00, Games Room, level 3, UC.

Sex Education — ABORTION: YES OR NO?, a discussion, 19:30, UC 442.

Continuing Education — FRENCH IV, 19:30; to register, call Ext. 3956, 3957 or 3958.

Radio Gryphon — BRIEF ENCOUNTERS: SEXUAL VALUES AMONG UNIVERSITY STUDENTS, discussion hosted by Norm Demers and Anne Ruhl of Counselling and Student Resource Centre, 19:30, 93.3 FM. The first in a new weekly series on CFRU.

WEDNESDAY, 80 01 30

On-campus Recruiting — UNITED CO-OPERATIVES OF ONTARIO, permanent employment interviews for students graduating in agriculture; CANADA SYSTEMS GROUP, permanent employment interviews for students successful in the January 18 pre-screening. Information: Ext. 2213.

Sale — HAFA PLANT SALE, 09:00, UC courtyard.

Luncheon Special — 11:30, PCH, UC.

Worship — CATHOLIC MASS, 12:00, Chapel, level 5, UC.

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

ICS Session — APL JAM SESSION, Barry Stahlbaum, 13:30, ICS. To register, call Ext. 3046.

FACS Week — NUTRITION AND HEALTH, Prof. E.

Miles, Family Studies, 14:15, UC 442.

Career Building Session — EXPLORING OCCUPATIONS, 18:00, UC 334.

OPIRG Free Film — THE ENIGMA OF KASPER HAUSER; LINES HORIZONTAL, LINES VERTICAL; LITTLE PHANTASY ON PAINTING, three films, 19:00, Land. Arch. 204.

Workshop — SECOND TUTORING WORKSHOP, for volunteers tutoring the Vietnamese Boat People, and anyone interested in becoming a volunteer tutor, 19:30, UC 442.

Meeting—THE REVENGE OF THE GREAT LAKES, Jack Vallentyne, Canada Centre for Inland Waters, 20:00, BGZ 200.

Meeting — INTERNATIONAL DANCE CLUB, 20:30, Gryphon Room (upstairs at the Stadium). Information: David Green, Ext. 8728 or 836-8453.

THURSDAY, 80 01 31

On-campus Recruiting — KING GRAIN LTD., summer employment interviews for students in crop science; UNITED CO-OPERATIVES OF ONTARIO, permanent employment interviews for students graduating in agriculture. Information: Ext. 2213.

Office for Education Practice Workshop — MASTERING 16 mm/VIDEOTAPE EQUIPMENT. Information: call Ext. 3522.

Snobash '80 — SNOW SCULPTURING, all day, Johnston Field; INFORMATION TENT WITH HOT DOGS, HOT CHOCOLATE ON SALE, BUTTONS AND POSTERS FREE, 10:00 (continues 80 02 01), Branion Plaza; SHINNY TOURNAMENT, 19:00, Johnston Field; IAN THOMAS BAND, 20:00, PCH; FREE SKATING, 21:00, rink on Johnston Field.

Luncheon Special — 11:30, PCH, UC.

Biochemistry Seminar Series — GLYCOPHOR IN AND THE CON A RECEPTOR OF HUMAN ERYTHROCYTE MEMBRANES, F. Sharom, Chemistry, 12:00, Chem./Micro. 370.

Noon Hour Concerts — THE CLASSICAL DUO OF MONTREAL, flute and guitar, 12:10 and 13:10, Music Room 107, Arts. Admission free.

FACS Week — MARRIAGE IN THE 1990's, Prof. S. Luker, Part-time and Family Studies, 12:15, UC 103.

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

ICS Courses — INTRODUCTION TO SPSS, N. Ison, 13:30, ICS; INTRODUCTION TO SHARP APL, Gillian Wade, 18:00, ICS; SHARP APL course continues 80 02 07, 80 02 14, 80 02 21 and 80 02 28.

To register, call Ext. 3046.

Worship — ANGLICAN EUCHARIST, 17:00, UC 334; CATHOLIC MASS, 17:00, Chapel, level 5, UC; INTER-VARSITY CHRISTIAN FELLOWSHIP, 19:00, 9th fl. Ige., Arts.

TV — SPOTLIGHT ON UNIVERSITY OF GUELPH, President D.F. Forster discusses the University today, 19:00, Cable 8.

Religious Meetings — NAVIGATORS NEW LIFE, 19:00, UC 442; CHRISTIAN DOCTRINE CLASS, 20:00, UC 332.

Relations — FOR RICHER OR POORER, Prof. K. Brown, FACS, discusses the facts and fallacies of money in relationships, 19:30, UC 441.

Continuing Education — EFFECTIVE LEARNING STRATEGIES, 19:30; SOIL MANAGEMENT; to register, call Ext. 3956, 3957 or 3958.

Asian Canadian Women's Society Mini-Series — WOMEN AND HEALTH: RECENT THOUGHTS ON FAMILY PLANNING AND THE MENSTRUAL CYCLE, Dr. Caroline Pelletier, assistant director, University of Guelph Health Services, 19:45, Guelph Public Library. Everyone welcome.

Concert — LIVE IN PETER CLARK HALL, 20:00, PCH, UC.

Next Week at Guelph

THURSDAY, 80 01 24

Exhibit — MIHO SAWADA: SIX YEARS, main floor, McLaughlin Library until 80 02 10.

On-campus Recruiting — NORTH AMERICAN LIFE, permanent employment interviews for students graduating with a General or Honors B.A. or B.Comm.; H.J. HEINZ, summer employment interviews for students in second and third year crop science, horticulture, environmental biology, plant protection and agricultural economics; TEXACO CANADA, permanent employment interviews for students graduating in environmental engineering.

Luncheon Special — 11:30, PCH, UC.

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

Noon Hour Concert — PAUL BEMPECHAT, piano, 12:10 and 13:10, Arts 107. Admission free.

Meeting — COLLEGE ROYAL FASHION SHOW TRY-OUTS, 16:30, UC 441.

Worship — ANGLICAN EUCHARIST, 17:00, UC 334; CATHOLIC MASS, 17:00, Chapel, level 5, UC; INTER-VARSITY CHRISTIAN FELLOWSHIP, 19:00, 9th fl. lge., Arts.

Job Hunting — INTERVIEWING SKILLS CLINIC, 18:00; register at the Connection Desk, level 3, UC.

TV — SPOTLIGHT ON UNIVERSITY OF GUELPH, President D.F. Forster discusses the University today, 19:00, Cable 8.

Continuing Education — SPANISH III, POLISH UP YOUR WRITING SKILLS, 19:00. To register: Ext. 3956, 3957 or 3958.

Relationships — BETWEEN MAN AND WOMAN, Prof. S. Luker, Part-Time Studies, 19:30, UC 441.

China Week — RETURN OF THE DRAGON, Bruce Lee and SNAKE IN THE EAGLE'S SHADOW, Jackie Chan, double movie features, 19:30, Phys. Sc. 105.

Concert — LIVE IN PETER CLARK HALL, 20:00, PCH, UC.

CSA Pub — BEATLES NIGHT, 20:00, Bullring. Admission \$1.

FRIDAY, 80 01 25

On-campus Recruiting — H.J. HEINZ, summer employment interviews for students in second and third year crop science, horticulture, environmental biology, plant protection and agricultural economics; FARM CREDIT CORPORATION, summer and permanent employment interviews for students successful in the January 16 prescreening; CANADA PACKERS, permanent employment interviews for students graduating in hotel and food administration. Information: Ms. Susan Nuttley, Ext. 2213.

Video Tape — THE RUTLES and THE HISTORY OF THE BEATLES, 11:00, UC 103.

Luncheon Special — 11:30, PCH, UC.

China Week — DISPLAY, UC courtyard, NOON HOUR MOVIES, 12:00, UC 441; THE CULTURAL REVOLUTION IN CHINA, Prof. William Small, York University, 20:00, UC 103.

Worship — MUSLIM FRIDAY PRAYERS, 12:30, Chapel, level 5, UC.

Two-bit Flick — TO KILL A MOCKINGBIRD, 19:00 and 21:30, Phys. Sc. 105.

Illustrated Lecture — RUSSIAN FOLK AND ART MUSIC, Mrs. Mary Woodside, Division of Music, 20:00, Arts 107. A Guelph Branch of the Humanities Association regular meeting. Admission is free and open to the public.

CSA Entertainment — MICHAEL JORDANA AND THE POLES, 20:00, PCH, UC.

Interface — WINTER IN GUELPH: HOW TO ENJOY IT!, 20:00, Faculty Lounge, FACS.

SATURDAY, 80 01 26

Tournament — ANNUAL TABLE TENNIS TOURNAMENT, from 09:00, Games Room, level 3, UC.

Continuing Education — FIGHTING FAIR, 10:00; to register, call Ext. 3956, 3957 or 3958.

Athletics — FAMILY SKATE, 13:00 to 14:45, Athletics Centre arena or outdoor rink in Alumni Stadium, weather permitting. FAMILY SKATE is scheduled at the same time every Saturday and Sunday.

Men's Hockey — GRYPHONS vs. WINDSOR LANCERS, 15:00, Victoria Road arena.

China Week — CHINESE NEW YEAR DINNER AND DANCE, 19:00, PCH, UC. Tickets: \$12.50 per person, from the central box office, UC courtyard.

SUNDAY, 80 01 27

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

TV — SPOTLIGHT ON UNIVERSITY OF GUELPH, President D.F. Forster discusses the University today, 11:00, Cable 8.

Cine Series — MANHATTAN, 19:00 and 21:30, WMH.

MONDAY, 80 01 28

On-campus Recruiting — WENDY'S OLD FASHIONED HAMBURGERS, permanent employment interviews for students successful in December 14 prescreening; UNITED CO-OPERATIVES OF ONTARIO, permanent employment interviews for students graduating in agriculture; AIR CANADA, application deadline for prescreening, for students interested in summer employment as flight attendants. Information: Ms. Susan Nuttley, Ext. 2213.

FACS Week — CLUB DISPLAYS, CONSUMER STUDIES T-SHIRT SALE, all day, all week, UC courtyard; FACS BUTTON SALE, all day, all week, FACS lounge, FACS building; WINE AND CHEESE PARTY, 17:00, UC 103. Admission \$2.

Video Tape — VTN COMEDY CONCERT, 11:00, UC 103; continues 80 01 30 and 80 02 01.

Integrity Club — HANDLING STRESS IN RELATIONSHIPS, tape recording, 12:00, UC 332.

Women's Hour — USE AND ABUSE OF ALCOHOL AND DRUGS, 12:10, UC 441.

Land Resource Science Seminar Series — POLLUTANT GEOCHEMISTRY OF A LAKE ONTARIO SHORELINE MARSH, W. Glooschenko, National Water Research Institute, CCIW, 15:10, Land Res. Sc. 124.

Career Development Workshop — LAST DAY FOR REGISTRATION, Connection Desk, level 3, UC.

Meeting — COLLEGE ROYAL FASHION SHOW MEETING, 16:30, UC 335.

Career Building Session — VALUES CLARIFICATION, 18:00, UC 334.

Job Hunting — INTERVIEWING SKILLS CLINIC, 18:00; register at the Connection Desk, level 3, UC.

Continuing Education — DRAWING THE HUMAN FIGURE, 19:00; HOME GARDENING, MENTAL RETARDATION, 20:00; to register, call Ext. 3956, 3957 or 3958.

Body Awareness Workshop — LISTENING TO YOUR BODY, 19:30, UC 442.

Public Lecture — CAPITAL PUNISHMENT, Arthur Maloney, Q.C., first president of the Canadian Society for the Abolition of the Death Penalty, 20:15, Phys. Sc. 113, *has been cancelled*.

TUESDAY, 80 01 29

Show — CANADA FARM SHOW, Coliseum, CNE grounds, Toronto, until 80 02 01.

On-campus Recruiting — WENDY'S OLD FASHIONED HAMBURGERS, permanent employment interviews for students successful at the December 14 prescreening; UNITED CO-OPERATIVES OF ONTARIO, permanent employment interviews for students graduating in agriculture; A.C. NIELSEN COMPANY OF CANADA LTD., permanent employment interviews for students successful at the December 14 prescreening. Information: Ext. 2213.

Continued on page 7.

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