

Wise decisions about meat:

Steak counter shock

In recent months strong men have been seen on the point of collapse over the steak counter. Housewives have passed up sirloin tip for chicken and fish sticks, and hamburgers have become a treat on the menu. In an effort to help the consumer make wise decisions about meat, particularly beef, the *News Bulletin* consulted agricultural economist Tom Funk and meat scientist Ron Osborne.

Professor Osborne of Animal and Poultry Science and Food Science and Professor Funk of Agricultural Economics and Extension Education say the immediate prospects for plentiful steaks on the barbecues are not good. Expensive steaks and roasts are not a good buy at the best of times, but steaks in particular always go up in price in the summer because of an increase in demand.

In a study conducted several years ago, the researchers found that lower priced beef cuts like ground beef, cross rib roast and rolled boneless brisket yield much more edible meat and protein for the dollar than do expensive cuts like standing rib and boneless rump roast, or T-bone, double bone sirloin and sirloin tip steak.

In their study, the two Guelph professors bought identical selections of cheaper and expensive beef cuts as well as a variety of pork cuts which included roasts, spareribs and chops from six different grocery stores in the Toronto area. They chose two stores from each of three national chains.

In the meat science laboratory on campus the details of package weight, unit price and price per pound were taken from each package and recorded. The meat was trimmed and

removed from the bone. Edible portions were ground and analyzed to determine fat, moisture and protein.

The researchers found that significant price differences occurred among the three chains, although differences in stores within individual chains varied only slightly. The greatest price differences were found in the three types of ground beef, in standing rib and boneless rump roasts and in double bone sirloin steaks and two pork cuts — side and spare ribs and ham butt roasts. These variations in the total package price were attributable to differences in the price per pound or in the percentages of edible meat or a combination of the two.

Significant differences were found in the prices of boneless rump and picnic pork roasts, differences that would be very confusing to the shopper. For an example, the meat science analysis showed the expensive roasts had considerably more edible meat than the cheaper buys. The researchers concluded that in cases like these the degree of trimming may be related to the pricing policy of the chains.

The only significant price differences in stores of the same chain were in ground round and boneless rump roasts. Differences of this sort are rare because consistent pricing within chains is enforced by centralized control of pricing policy and cutting specifications.

The Guelph professors found that, in general, cutting and trimming specifications are very similar at all the chains. Since the edible portion is the same for most common cuts, consumers can make their decisions on

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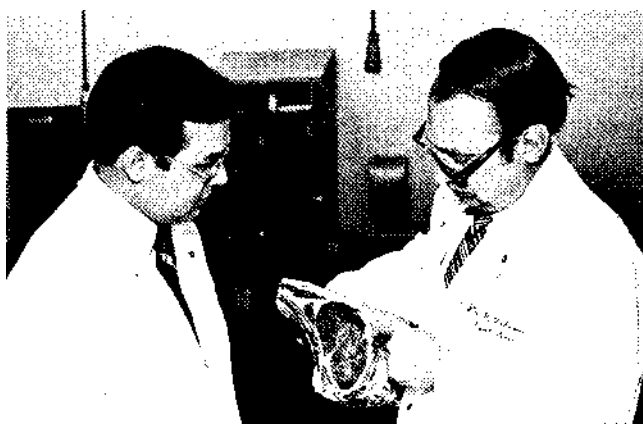
Campaign Leaders: Clockwise, from the left, Ken Hammill, John Babcock, Neil Darrach and Charles Ferguson.

Campaign leaders for art centre announced

Macdonald Stewart Art Centre chairman, Charles C. Ferguson, has announced the appointment by the board of trustees of the following top campaign leaders to head up the Centre's capital fund-raising efforts: Neil C. Darrach, president of The Continental Group of Canada Ltd., campaign chairman; Alderman Kenneth O. Hammill, vice-president and general manager of Guelph's Omark Canada Ltd., deputy chairman, and John K. Babcock, director of development at the University of Guelph, campaign director.

Mr. Ferguson expressed his delight at the calibre of volunteer leadership for the fund drive by saying, "The expertise of these men will prove invaluable to our campaign efforts. Guelph's art centre is indeed fortunate, during its formative stages, to have the strength and guidance of these three men."

Under their leadership, the campaign goal of \$780,000 is to be attained through private support from local, provincial, and national sources. Government capital support of the Centre from Wintario, the Ministry of Culture and Recreation and National Museums of Canada accounts for nearly \$1 million. The total estimated project cost is \$1.75 million. □



Profs. Funk, left, and Osborne examine beef roast. Marbling, color, texture and age of carcass determine the grade of a cut of meat.

REPORT from SENATE

Meeting of June 19.

The University School of Part-time Studies and Continuing Education will open its doors September 1. Senate voted in favor of its organizational structure June 19 after answers were provided to such questions as the need to establish another administrative unit, costs, and how the School would function academically.

Landscape Architecture professor Jack Milligan, who presented the Committee on University Planning's five recommendations for the organizational framework of the School, said Guelph has not traditionally been geared to serve part-time students. In 1977 Guelph ranked at the bottom of the list of Ontario's 15 universities in terms of numbers of part-time students. This University's part-time credit registration numbered 797 in 1977 compared with the University of Toronto at 12,757, followed closely by York. Guelph's neighbors, the University of Waterloo and Wilfrid Laurier University, attracted 4,370 and 2,903 part-time students respectively in 1977. In 1978 Guelph reported 862 part-time students, according to figures in the January, 1979 report "Assessment Study of Part-time Learning Needs in Guelph" prepared by the Office of Continuing Education.

Food Science chairman, Professor Ron Osborne, asked why the University needed a new administrative structure. Prof. Milliken replied that students who study outside the regular degree program should have a unit with which they can identify. Part-time students also have special needs, he said, such as counselling services and evening access to some of the special services in the Library, as well as the Registrar's Office, the bookstore and the food services outlets.

The chairman of the Department of History, Stefan Straka, rose to add that this University was not necessarily establishing a new structure; it was simply "updating" the Office of Continuing Education which will be discontinued August 31.

The Director of the School of Human Biology, Professor John Brooke, asked for clarification on the meaning of "School" as it pertains to this new structure. "Will it be a School with faculty or is it an administrative office that will advance and co-ordinate part-time study?", he asked. Prof. Milliken replied that the School will not have faculty of its own, although it may have at some time in the future. The School will initiate credit courses, as the situation may demand, through existing department/schools and program committees.

Responding to questions concerning costs, Prof. Milliken said that this area had been examined carefully and costs will be small compared to the income that would be generated by new students. The School will need one additional professional person and two secretarial staff members.

One College Dean wished to know how a new director would be named. Senate was assured that a selection committee will be established to choose a director who will report directly to the Vice-President, Academic.

On a question of accountability posed by the chairman of the Department of Economics, Professor John Vanderkamp, Prof. Milliken said that a Senate Committee of the School would not be established. The School, through the director, will report to Senate at least annually and the director will be an *ex-officio* member of Senate and the Board of Undergraduate Studies.

Research Funding

Guelph received a 9.7 per cent increase in research grants and contract funds in 1978-1979 over the previous year. In a report presented on behalf of the Research Advisory Board by the Dean of the College of Biological Science, Professor Keith Ronald, it was noted that research grants and contract funds amounted to \$21,255,636.

Limits on Enrolments in Courses

The policy of identifying quota courses in the calendar in advance based on expected demand has been terminated under revisions to Guelph's policy on limits on enrolments in courses. Instead, the identification of courses as quota courses will be made at the time of preregistration based on actual student demand. A quota course will be established if the maximum enrolment that can be accommodated is less than the number of students that have preregistered. If the preregistration enrolment approaches the maximum that can be accommodated, the course will be identified as a "restricted-add" course and students will be able to add such a course only with department approval.

Student senators were assured that the new procedures will be identified in the *Undergraduate Procedures Handbook*. Faculty wished to know if they would be informed when a course is full. Assistant Vice-President, Academic, Professor Jim Stevens, explained that a list of courses identified as quota courses will be circulated to College Deans prior to registration. As soon as courses are categorized as "restricted-add," Deans, academic counsellors and other officers of the University will be notified.

Course Additions and Deletions

Prof. Clark, in presenting the Board of Undergraduate Studies motions, noted that 51 new courses have been added to the 1980-1981 calendar and that 55 courses now in the 1979-1980 calendar have been deleted. A number of significant changes were noted, particularly one in the School of Landscape Architecture. With Senate's approval of

course 59-462, Internship, the University is giving academic credit for off-campus experiential learning.

MOTIONS

Executive Committee

Senate approved the change of the name of the Department of Languages to the Department of Languages and Literatures.

Striking Committee

Senate approved the nominations to standing boards and committees and the appointees to University boards and committees for the 1979-1980 Senate session.

Board of Undergraduate Studies

Senate received an oral report on the re-appointment of physics professor J.R. MacDonald as chairman of the Board of Undergraduate Studies for a second term.

Senate approved the chairmen of program committees for 1979-1980.

Senate approved new courses and course deletions for the 1980-1981 calendar.

Senate approved the revision of its policy of May 14, 1974, on limits of enrolments in courses.

Board of Studies for Undergraduate Diplomas

Senate approved new courses and course deletions.

(One new course, Greenhouse Management and Crop Production, 53-03 was added. Two courses were deleted.)

Awards Committee

Senate received the report on new awards and changes to existing awards for information. The new awards are:

Consul General of Belgium (Book) Prize — Awarded annually to a student living in French House with good academic standing who has completed an academic assignment pertaining to Belgian culture;

Spanish Embassy Prizes — Two book prizes awarded annually to the most outstanding graduating students in Spanish;

Dixie Service Products Scholarship — An entrance scholarship of \$500 awarded annually to a student registered in semester 1 of a program in the School of Hotel and Food Administration;

Canadian Food Service Executives Association, Hamilton-Niagara Branch Scholarship — A monetary award of \$250 awarded annually to a student registered in semester 5 of a program in the School of Hotel and Food Administration;

The David George Harrison Memorial Scholarship — An annual award of \$100 to a student from the Region of Waterloo or Oxford County who is completing semester 4 of the Animal and Poultry Science major.

The Garland Commercial Ranges Scholarship in Applied Human Nutrition and the *Olivetti Canada Prize* have been withdrawn. The value of the *Garland Commercial Ranges Scholarship* in the B. Comm. program has been increased from \$100 to \$250.

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Committee on University Planning

• Senate approved five recommendations for the organizational structure for part-time studies. They are:

Recommendation 1: that a University School of Part-Time Studies and Continuing Education be created, to become operative September 1, 1979.

Recommendation 2: that initially the School be charged with the following responsibilities:

- (i) to ensure that a sufficient number and variety of credit courses are offered on campus each semester at convenient times to part-time students;
- (ii) to ensure that students pursuing part-time studies in a specific degree program receive courses in a proper sequence and have every opportunity of completing the degree requirements;
- (iii) to initiate through departments/schools and program committees, introduction of new courses as the situation may demand;
- (iv) if warranted, to initiate, develop and co-ordinate an independent study program through departments, schools and program committees (via correspondence) including credit and non-credit courses;
- (v) to offer non-credit courses as the situation may demand;
- (vi) if warranted, to make provision for credit and non-credit courses to be offered off-campus;
- (vii) to co-ordinate counselling services for Part-Time and General Studies students;
- (viii) to administer, through the Board of Undergraduate Studies the regulations of the General Studies Program.

Recommendation 3: (i) that the School be headed by a director reporting directly to the Vice-President, Academic;

(ii) that the director be an *ex-officio* member of the Senate and the Board of Undergraduate Studies;

(iii) that the School be provided with an adequate budget to fulfill its administrative responsibilities and that the instructional budget be limited to non-credit courses;

(iv) that insofar as credit courses are concerned, faculty be provided by the existing Colleges, utilizing, as far as feasible, existing resources.

Recommendation 4: (i) that a School council be established composed of the director who shall be chairman, one representative from each College designated by the dean and four members appointed by the director, at least one of whom shall be a mature part-time student;

all that the School council be responsible to advise the director on discharging the School's responsibilities;

(iii) that insofar as the non-credit area of the School's activity is concerned, the Council report to the Senate through the director at least annually.

Recommendation 5: (i) that the Office of Continuing Education be discontinued as of August 31, 1979;

(ii) that the Senate Committee for the Office of Continuing Education be discontinued as of August 31, 1979.

Committee for the Office of Continuing Education

• Senate received a report on the new courses for the fall semester, 1979, for information. They are:

Digital Terrain Models, Five Renaissance Portraits, The Culture of Ancient Egypt, Energy and the Way We Live, Six World Famous Philosophers — Their Lives and Thoughts, Opera in Canada, The Art of Negotiating, Personal Computing, Sport in Canadian Society, Great Novels, Nautical History, Improvisation at the Keyboard, Genealogy and Social History, Nineteenth Century British Novels, and Infant and Child Growth and Development. Also, a certificate program in computing and information science was approved.

Centre for International Programs

• Senate received the annual report to Senate of the Centre for International Programs for information.

Research Advisory Board

• Senate received the report of the Research Advisory Board, "Research Funds, 1978-1979" for information.

the basis of price alone. Profs. Funk and Osborne also noted that some chains price their meat consistently higher than others. They suggest that consumers should carefully compare the costs of competing chains and save money by shopping for meat at one rather than several stores.

Prof. Osborne says that shoppers should take care to study the total label, taking into account total cost, price per pound and how much edible meat they are getting in the package. He warns that some stores do a poor job of trimming meat specials and that many stores have reacted to high beef prices by trimming less carefully than in times of plentiful beef supplies and low beef prices.

One note of encouragement for steak-lovers comes from Prof. Funk who says that beef prices will go down again, probably within a year or two. The beef cycle usually runs from six to eight years, he says, taking into account periods of short supply followed by periods of plenty. □

Salary, benefits offer accepted

The University of Guelph Faculty Association has accepted the University's salary and benefits offer for 1979-1980. It totals an on-average 8.16 per cent increase.

The offer, accepted at a general meeting of the 602-member Association June 14, features an on-average 8.1 per cent salary increase and .06 per cent in benefits. The salary increase will be implemented retroactively to July 1 on the August 30 pay.

The salaries for all faculty, including professional librarians, department chairmen and associate deans will be increased by 5.1 per cent of the individual's 1978-1979 salary plus 1.1 per cent of \$29,500 (\$325). The \$29,500 figure represents the average salary of full-time faculty, chairmen, directors, associate deans, professional librarians, associate librarians and assistant librarians.

As of July 1 the minimum salaries for all ranks will be as follows: instructor, \$13,901; lecturer, \$15,995; assistant professor, \$18,800; associate professor, \$24,484; professor, \$31,114; librarian I, \$13,749; librarian II, \$15,499; librarian III, \$18,631; librarian IV, \$22,543 and librarian V, \$27,277.

Monies required to correct anomalies and/or promotions will be found from other funds in the University for 1979-1980.

Benefits

The University will make an *ex grata* increase in pensions for all retired University employees, effective from September 1, 1979, and in the amount of 2 per cent each year or pro-rated portion of a year back-dated to January 1, 1976.

The president of the Faculty Association, food science professor Dave Stanley says the offer is the best salary and benefits settlement obtainable at this time. This year's settlement is, as in the several previous years, below the rate of inflation, says Prof. Stanley, and he expresses concern for the financial impact that the settlement will have on younger faculty members with family responsibilities and those professors near retirement. "It is obvious that this problem must be faced, sooner or later, by not only our organization but by the Administration as well".

This year's settlement represents a genuine effort by the Administration to recognize the impact of inflation and to maintain as far as possible the real level of faculty salaries, says Professor Howard Clark, Vice-President, Academic, who was chairman of the University's negotiating team. However, he adds, there must be a long-time impact on the number of faculty positions which the University can maintain, when in successive years, the salary settlement exceeds the increase in the University's income.

Representing the Faculty Association on the negotiating team were Professors Joe Cunsolo, Mathematics/Statistics, as chairman, Wayne McDonell, Clinical Studies, Robert Forshaw, Animal and Poultry Science, Jim McRae, Economics, and Bernard Katz, Library. Representing the Administration on the negotiating team were Prof. Clark; Vice-President, Administration, Charles Ferguson, and the Dean of the College of Family and Consumer Studies, Professor Janet Wardlaw. □

Sensory evaluation service established

The Department of Food Science, has established a sensory evaluation service that provides companies engaged in food processing with the opportunity to test new products and assess certain product problems. By utilizing panelists, comprised of students and staff of the University, expensive consumer testing is reduced and products of high potential merit are pinpointed.

The facility was specially designed for product evaluation. There is a kitchen for sample preparation and a separate testing area with individual booths. Lighting may be adjusted to mask product color, and noise is controlled to eliminate as many distractions as possible. Testing varies according to product, and may be visual, by taste and smell, or by feel. Reporting is usually done on a semi-structured scale, with extremes on either end. The object is to determine significant differences between samples rather than percentages pro or con.

The co-ordinator of the project is Linda Thomson who defends the necessity of such evaluation by pointing to the loss of objectivity by "in-house" panelists because of their familiarity with the product being tested.

An exchange of personnel and ideas

Ten months ago Ken MacLanders Associate Registrar, and Ian Bull, programmer analyst at the Institute of Computer Science, changed places. Last month both men returned to their former positions, each of them having broadened their understanding of the problems that face the two departments.

Mr. Bull says that the transfer of information worked both ways. The Registrar's Office gained more technical knowledge of computers and he gained insight into the managerial problems of administrative computer users.

Mr. MacLanders carried on the architecture for a computer based student accounting system. The system, now at the design phase, is expected to be in operation in 1980. Mr. MacLanders also participated in the project team that created a method for organizing and monitoring the progress of developing administrative computer systems.

The exchange of personnel between the Institute and administrative departments is part of the *ICS Five Year Plan*. This transfer of people and ideas expands the use of computers across campus and keeps the Institute sensitive to the needs of the University community. More information is available from ICS director, Dr. R. Mason, Ext. 3466. □

"NEWS BULLETIN" — readers are reminded that there will not be publications on July 12 and July 26.

During the winter months some 400 volunteer panelists were selected. About 150 volunteers are used for each test series. Panelists are contacted and informed of the type of test and product such as pork, beef, milk, cheese, yogurt, chocolate, or granola bars, to be evaluated. In this way individuals with specific dislikes will withdraw from the test.

"One of the functions of the service," states Ms. Thomson, "is to relate taste tests to chemical testing. In meat, for example, the instrumental tests for texture are far more sensitive than panelist evaluations."

Volunteer panelists are always needed. If you have an urge to exercise your taste buds on a wide variety of new products, contact Ms. Thomson, at Ext. 2281. □

A taste of university life

The adjustment to University life and learning will be considerably easier for a number of freshmen this fall, thanks to "Start '79," a pilot program designed to provide new students with a two-day simulation of a semester on campus.

"Start '79", which begins July 16 with the arrival of the first group of high school graduates, is mainly an academic orientation program rather than the traditional program which is social and informational in nature, according to Anne Ruhl of the Counselling and Student Resource Centre.

The four-sessions program is aimed to encourage a high level of involvement from the participants and to expose them in a meaningful and personalized way to the range of resources available at Guelph. "Start '79" planners describe the experiences provided by the program as "a headstart in preparing for the next three or four years of your life."

When the visitors arrive on campus, they will join a group of 20 students with whom they will share the experience of the next two days. The participants will attend lectures and seminars, take notes, participate in discussions with fellow students and even write an exam. They will also attend workshops on academic counselling, career development, student skills and university research. And there will be opportunities to take part in social and recreational activities.

"At the end of the two days we hope that they will have begun friendships that will continue into the fall semester," explains Ms. Ruhl. "We hope that they will be prepared for the first day of class, know their way around campus, know where and how to use the services and facilities and have made personal contact with senior students, faculty and administrative staff." □

Speakers' Bureau

The University of Guelph Speakers' Bureau, established this spring, is being well patronized by area groups. Close to 1,000 brochures have been distributed to community groups such as service clubs, church groups and public health organizations. The Chamber of Commerce, Public Library and Guelph Information have distributed many copies, and local school boards have received bulk mailings.

The Speakers' Bureau is administered by the Department of Information where a list of speakers and subjects is kept. There is a wide selection of topics on which University faculty and staff are prepared to speak. However, some departments are not represented.

Ann Middleton, who is looking after bureau requests, stresses the importance of keeping the lists up-to-date. Faculty members who wish to change their topics or add new ones should contact Mrs. Middleton at Ext. 8705 or 8708. She hopes to have all departments on campus represented by the fall when clubs are planning their winter programs. □

Sweden's Symphony Orchestra to perform

Sweden's Malmo KFUM Symphony Orchestra will give a performance Thursday, July 5 at 8 p.m. in Ross Hall, 21 Meyer Drive, Guelph. This event is sponsored by Concert Management of the University's Music Department.

The 65-member orchestra, under the direction of Bengt Nilsson, is embarking on its first Canadian tour with their first performance in Guelph. Members of the orchestra will be living in residence at the University during their three-day stay in Guelph.

Formed in 1941 as a small string ensemble, the orchestra increased to symphony size and gained admission into the Swedish Federation of Orchestral Associations in 1958.

Bengt Nilsson, who has been the principal conductor of the Malmo KFUM Symphony Orchestra since 1946, is by profession a violin-maker. He has led the orchestra in all of its foreign tours, most recently in Scotland (1976), the Republic of Eire (1973) and France (1970).

The program will feature "The Maid of Orleans Overture" by August Soderman; "Concerto in A Minor, Op. 102 for Violin, 'Cello and Orchestra" by Johannes Brahms; and "Symphony No. 1 in G Minor, Op. 7" by Carl Nielsen.

Tickets are on sale at the central box office, in the courtyard of the University Centre, Ext. 3940 or at the door. General admission is \$3; students and senior citizens \$2. □

Meeting of June 21.

The University Administration will soon be sending a letter to all corporations, in which the University pension fund is invested, and to trust companies and banks, that also hold University investments. The letter will express the concern on the campus about the apartheid policy in South Africa, President Donald Forster said in an announcement at the Board's last information session of the academic year Friday, June 22.

The action was approved by the Board of Governors at their June 21 meeting following consideration of a recommendation of Senate that the University divest itself of investments in banks and corporations presently operating in South Africa.

Some 20 placard-carrying demonstrators paraded in front of the University Centre's level 4 board room while the meeting was in progress. President Forster met with them after at a press conference.

The Board also decided that no action would be taken at this time to implement a program of disinvestment in banks and corporations operating in South Africa. The Board's resolution stated that its overriding responsibility is to seek the maximum possible return for the Pension Trusts Investment Fund and other University investments.

The two resolutions were adopted by the Board following full consideration of the issue of social responsibility in University investment. In a statement prepared by the Board's investment sub-committee of the finance committee for consideration at the meeting and also distributed at the press conference, the Board recognized that many Canadians find the apartheid policy of South Africa repugnant. It also recognized that there are differences of opinion on how the distaste for this policy should be translated into action.

Some people want complete dissociation from any organization operating in South Africa, says the statement. Some suggest symbolic dissociation and others suggest working with organizations operating in South Africa in an effort to improve the condition of the people subject to the South African government's racial policies.

The Board also recognized that Guelph has obvious social considerations to take into account. As an indirect holder of equity in companies, reported to operate in South Africa, the Board decided that as a shareholder the University should bring its concerns on social issues to the attention of the board of directors of the companies concerned.

The Board explained that it had examined the University's investment policy as regards the use of short-term funds, the pension fund and the use of bankers in business operations. Funds that may be required on short-term notice are placed in short-term treasury bills, bank, trust company and commercial paper. These funds are invested on a pooled basis

and the subsequent disposition of the funds is not known to the University nor can it be accurately monitored.

Pension funds are established with the sole objective of providing sufficient funds to satisfy the requirements of present and future pensioners. The Board found it would not be possible to achieve the objective if the fund managers were instructed not to invest in any of the 44 companies listed as having some involvement in South Africa. These companies are major Canadian corporations having a high international reputation. Exclusion of these companies from the pension fund investment portfolio would severely weaken the fund and its ability to provide adequate pensions.

The Board also considered the continued use by the University of the banking services of the Canadian Imperial Bank of Commerce. The Bank has, in the past, made loans to South African interests. Says the statement: "The choice of a bank suitable to the University's business purposes is governed by the range of services offered, the bank's reliability, its accessibility and the experience of a good working relationship between the University and the bank. In addition, the University is aware that such services must be obtained at minimum costs. The University's present bankers, the Canadian Imperial Bank of Commerce, satisfy all of the above-mentioned criteria At the present time, there are no obvious alternatives within the Guelph area."

MOTIONS

Disinvestment in South Africa

- Board of Governors resolved that the investment sub-committee, while recognizing the concerns expressed by Senate and reflected in the Senate motion of March 20, 1979, considers that its overriding responsibility is to seek the maximum possible return for the Pension Trusts Investment Fund and other University investments, bearing in mind the need for prudence, and thus recommends that no action be taken at this time to implement a program of disinvestment of accounts, stocks and bonds in banks and corporations, presently reported to be operating in South Africa.

- Board of Governors resolved that the University Administration inform all corporations in which the University has direct investments or investments through the Pension Fund, of the concern expressed on the University of Guelph campus about the apartheid policy in South Africa.

Incorporation of Radio Gryphon

- The Board of Governors granted the University of Guelph Radio Gryphon authority to use the name "University of Guelph" in its title. It further supports the Radio Gryphon application for incorporation under the laws of the Province of Ontario.

Fee for Audit Courses

- The Board of Governors resolved that a fee of \$60 be charged to students auditing courses at the University of Guelph, effective in the fall semester of 1979.

Membership Committee

- Board of Governors approved the appointment of Professor David Murray, Department of History, and Michael McMillan to the Board for a three-year term effective July 1. Prof. Murray replaces the Dean of the College of Family and Consumer Studies, Professor Janet Wardlaw, as a Senate representative to the Board. Mr. McMillan, who is president of Biltmore Hats Limited, Guelph, fills a position left vacant by the resignation for business reasons of John Wood, president of W.C. Wood Co. Ltd., Guelph.

Appointments

The following appointments were noted by the Board:

College of Biological Science — C. Young Cho of the Ontario Ministry of Natural Resources became an adjunct professor July 1 in the Department of Nutrition.

College of Family and Consumer Studies

tional behavior and professor in charge of hotel and food services at Pennsylvania State University will become professor and director of the School of Hotel and Food Administration September 1. He succeeds Professor George Bedell who has completed his term as director of the School.

OVC — Victor E.O. Valli became professor and chairman of the Department of Pathology July 1 succeeding Professor Reg Thomson who is now at the University of Prince Edward Island. Veterinary, Microbiology and Immunology professors S. Wayne Martin and Alan H. Meek have received joint appointments in the Departments of Veterinary Microbiology and Immunology and Animal and Poultry Science, OAC, as of July 1.

University Administration — Professor Trevor Dickinson, School of Engineering, will become coordinator of instructional development in the Office of Educational Practice August 1. He succeeds psychology professor Neil Neil.

- The Board approved amendments to the Parking Regulations as presented.D

TAPESTRIES — and mini-clay sculpture are now on display at the Faculty Club, level 5, University Centre. The tapestries are the work of Irena Dziembowski and the sculpture is by Jean Corke. The exhibit continues to August 31.

THE CARDIO-VASCULAR CLUB — film was funded with assistance from the Office for Educational Practice and a grant applied for by the University of Guelph Alumni Association (not the Department of Alumni Affairs as announced in the June 14 *News Bulletin*) and matched by Wintario.

WOMEN IN CRISIS — which operates a transition house in Guelph seeks volunteers for a few hours each week. Training sessions will be given. Telephone 836-1110.

PERSONALS

For Sale — 1978 Cam-Am qualifier motorcycle, 2681 or 836-9094 after 7 p.m.; 19 ft. Lightning, rigged for racing, trailer included, 3227; portable electric typewriter, 823-1238; screen door, push mower, crib mattress, large stroller, Rose, 2414; TV tower with B/W head, 40 ft. high, self standing, Debbie, 2468 or 822-0355 after 5 p.m.; 26 ft. Holiday travel trailer, sleeps 7, 1976 Dodge 15 passenger Maxiwagon tow vehicle, 3247 or 843-5349, evenings; 15 ft. Trillium lightweight travel trailer, Model 4500 Deluxe, like new, 824-5663; 1972 Cortina 2000 GT, 821-1656 after 6 p.m. or 3728; teak desk with chair, car rack, 3942; 1977 Honda Civic, radio, new Michelin radials, excellent service record, 2218, 1973 Audi 100LS Automatic, Hotpoint fridge, 22" Frigidaire stove, metal cabinets, butt-walnut veneered china cabinet, oak buffet, bed, headboard, 824-0808; deluxe queen-sized bed frame, 823-2012 after 5 p.m.; 1960 Buick Le Sabre, 2-door hardtop, 3912 or 821-7866 after 6 p.m.; 14 ft. Tazar # 451 custom trailer, Wayne, 824-0184 after 6 p.m.; 1977 Honda 100cc, street and trail, Bill, 2440 or 822-7899 after 5 p.m.; bicycle for 6 to 8 year old, 836-0178; Lincoln Mark IV, every available option, 843-3232, evenings; Emperor tent trailer, 821-0425 after 5:30 p.m.; portable Drumatic humidifier, 821-5971 after 5:30 p.m.

Accommodation

For Sale — Three bedroom, well insulated, Cape Cod style home, large lot, 1 year old, 20 miles to University, 3714 or 3641; 2 storey, 4 bedroom home, north-east quadrant of Guleph, Ian Easterbrook, 3107.

For Rent — Three bedroom bungalow near University, single family, available September 1, 821-4902 after 6 p.m.

Cottages For Rent — Cottage in Bruce Peninsula, August 7 to 31, 824-5865; 2 bedroom cottage, available after mid-July, Parry Sound area, 824-1773, evenings.

To Sublet — Two bedroom, 2 bathroom, luxury apartment, Stone Road Mall area, furnished including linens, kitchen equipment, etc., 2 senior female students preferred, available September to the end of April, 822-0982.

Wanted to Rent — Small house for August or September, by responsible married couple, no kids or pets, 821-6394; land in order to build boat, if you have space on your property, call 836-7781; 1 or 2 bedroom unfurnished apartment for September 1 by quiet, non-smoking graduate student, John McDougall, 8311 or 823-2787.

Lost — Lady's gold wrist watch, June 5, in Animal Science/Nutrition parking lot, Betty, 3641.

ANNOUNCEMENTS

THE GUELPH CONCERT BAND — will give a performance Wednesday, July 11 at 7:15 p.m. on the steps of Creelman Hall. There is no charge and everyone is invited to attend.

VOLUNTEERS — are sought by Mental Health Guelph-Wellington. A secretary is needed to aid the board of directors, and volunteers are needed to work during the day or evening with ex-psychiatric patients. Call Susan Holt, 824-5940.

PUBLICATIONS

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Boyle, J.W., 1978. *Leaders and Workers*, Mercier Press, Cork (Reprint, first published 1966) (History).

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T.A. Crowley, 1979. Review of W.S. Reid, *The Scottish Tradition in Canada, Scottish Tradition*, 7-8 (1977-1978): 157-160 (History).

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Marshall, L.E., 1979. "*Phalerae Poetae* and the Prophet's New Words in the *Anticlaudianus* of Alan of Lille," *Florilegium* (Carleton University Annual Papers on Classical Antiquity and the Middle Ages), 1: 242-283 (English Language and Literature).

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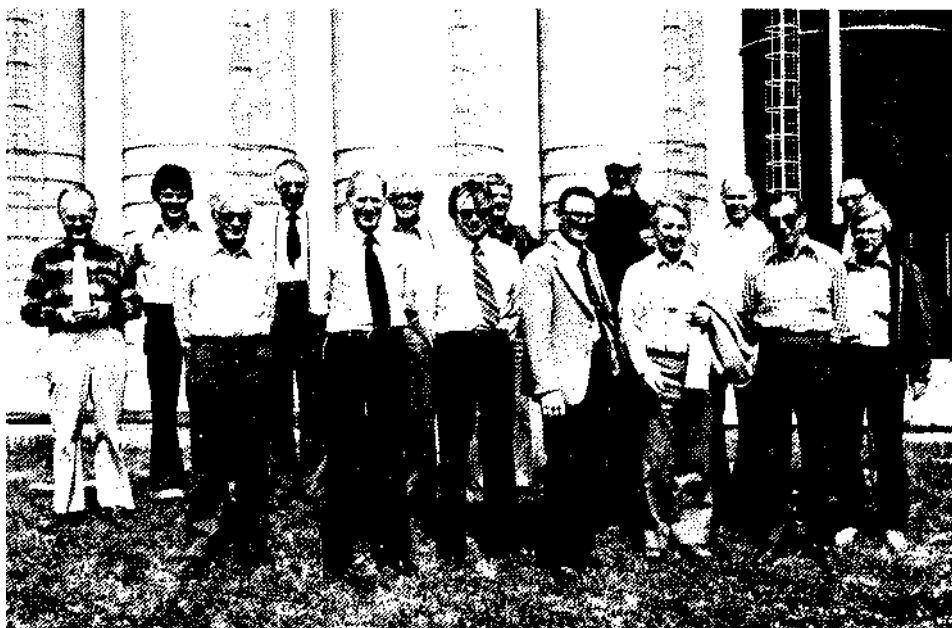
Nazar, R.N., G.E. Willick and A.T. Matheson, 1979. "The 5S RNA-protein Complex from an Extreme Halophile, *Halobacterium cutirubrum*. Studies on the RNA-protein Interaction," *J. Biol. Chem.* 254: 1506-1512 (Botany and Genetics).

Peterson, R.L., M.G. Scott and S.L. Miller, 1979. "Some Aspects of Carpel Structure in *Caltha palustris* L. (Ranunculaceae)," *Amer. J. Bot.* 66: 334-342 (Botany and Genetics, Environmental Biology).

Phillips, John P., 1979. "Form II DNA-Dependent RNA Polymerase from *Drosophila melanogaster*: General *in Vitro* Catalytic Properties and Template Interactions," *Biochem. Gen.* 17: 77-95 (Botany and Genetics).

Phillips, John P., 1979. "Enumeration of *Drosophila* Form II DNA-Dependent RNA Polymerase Initiation Sites on *Drosophila* DNA," *Biochem. Gen.* 17: 97-103 (Botany and Genetics).

Prescott, J.F. and A.J. Zubaidy, 1979. "*Corynebacterium equi* Lymphadenitis in Ontario Cattle," *The Canadian Vet. Journ.* 20 (6) June: 175 (Veterinary Microbiology and Immunology).



Professor Bruce Stone, Acting Associate Dean, OA C, second from right, back row, conducted a group of leading Danish agricultural researchers on a tour of the Elora Research Station recently. The day at Guelph, meeting faculty and visiting facilities, was part of a one-month Canada-US tour to study organization and administration of North American agricultural research funded by federal and provincial funds.

Named chairman of Board of Governors

Alan R. Marchment has been appointed chairman of the University's Board of Governors for a three-year term beginning July 1. He succeeds Ken Murray who will continue on the Board.

A Torontonians, Mr. Marchment graduated from the University of Toronto with a B.A. in honors philosophy. He also has a F.C.A. from the Ontario Institute of Chartered Accountants. During an active and varied career he has held positions of president and director, Transamerica International S.A., Paris, France; assistant treasurer (finance), treasurer and then vice-president, The T. Eaton Co. Ltd. He became president and director of Guaranty Trust Company of Canada in 1973, then chief executive officer and finally, in 1979, chairman of the company. He joined the board of directors of the Traders Group Ltd. in 1977 and became its chairman and chief executive officer in 1979.

Mr. Marchment has also served as director of a number of insurance companies. He has been president and director of the Toronto Symphony and a trustee of the Toronto Symphony Foundation. He is past president of the Gage Research Institute and the C.M. Hincks Treatment Centre and was, at one time, a trustee of the Toronto Western Hospital.

Mr. Marchment joined the Board of Governors of the University of Guelph in 1973 and has since served a term as vice-chairman.



Despite a heavy agenda, Mr. Marchment is an avid sportsman. He belongs to a number of clubs including the Toronto Golf and the Badminton and Racquet, and his favorite recreations are karate, golfing, hunting and fishing.

The new chairman is married to the former Patricia Anne Vanstone and has one son and one daughter. □

Milk producers visit OVC

Thirty milk producers from the Quinte area, under the leadership of Allan Ketches, a member of the Ontario Milk Marketing Board Council, visited the OVC as guests of the Department of Veterinary Microbiology and Immunology recently.

The visitors were welcomed to the University by Dr. R.A. Willoughby, Associate Dean, Research and Resources, OVC. During the morning and early afternoon several presentations by faculty members were made to the visitors incorporating topics relevant to the well-being of dairy cattle. Included among the speakers were Dr. D.A. Barnum, chairman of the Department of Veterinary Microbiology and Immunology, as well as Drs. W. Martin, A.H. Meek and Professor Richard Johnston.

Following lunch the group travelled to the Elora Research Station where they were met by Dr. Don Grieve of the Animal and Poultry Science Department. Dr. Grieve acted as their host while describing activity related to the Elora dairy research herd.

Members of the Department of Veterinary Microbiology and Immunology are co-operating with producers in the Quinte milkshed in investigational work related to mastitis in dairy herds. □

Next Week at Guelph

Continued from page 8.

TUESDAY, 79 07 17

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

Informal Discussion — BAHAI' CAMPUS CLUB, 17:00, UC 334.

WEDNESDAY, 79 07 18

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

Summer Shuttle — to see THE IMPORTANCE OF BEING EARNEST, Stratford Shakespearean Festival, Avon Theatre. Bus departs from the south entrance of UC, 18:00. Tickets, including return transportation, \$14.50, obtainable at the central box office, UC courtyard, Ext. 3940.

Concert Management and Department of Music Event — UNIVERSITY OF GUELPH SUMMER CHORALE, under the direction of Gerald Neufeld, 19:30, St. George's Anglican Church, Woolwich Street. The concert will be shared by the UNIVERSITY OF GUELPH CIVIC ORCHESTRA under the direction of Prof. Stanley Saunders, Director of Music. Tickets obtainable from the central box office, UC courtyard.

Athletics — OAKS A TEAM SOCCER, 20:00, front campus.

THURSDAY, 79 07 19

Biophysics and Biochemistry Summer Series — ION TRANSPORT IN YEAST, A.P.R. Theuvenet, 12:00 to 13:00, Phys. Sc. 222. Bring your lunch.

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

TV — SPOTLIGHT ON UNIVERSITY OF GUELPH, Prof. John Powell, School of Human Biology, on the Cardio-vascular Club, 19:00, Cable 8.

ARL membership is approved

The Library has been informed that its request for membership in the Association of Research Libraries (ARL) has been approved.

ARL is an association of the largest and most prestigious academic research libraries in North America and includes Harvard, Yale, Columbia and Berkeley in its membership. Strict criteria for collection strengths, library support and university graduate programs are applied before an applicant is considered for membership.

The library of York University also received membership. The following Canadian libraries, which Guelph and York join, are also members: McMaster University, University of Western Ontario, University of Toronto, University of British Columbia, University of Alberta, Queen's University and McGill University. □

THE TWO-PIANO — team of Tina Yanchus and James Hibbard from London will perform at a noon concert Wednesday, July 11, 12:10 p.m. in Music Room 107 of the Arts building.

JOB OPPORTUNITIES

Systems Analyst, Administrative Systems and Programming. Salary commensurate with qualifications and experience.

Secretary to the Director, University Centre. Executive Secretary I. Salary range \$198.96 - \$287.58.

Accounting Clerk (2 positions), Financial Services, Accounts Payable. Clerk II. Salary range \$169.49 - \$247.55 (under review).

Technician, (Temporary Full Time — Maternity Leave — 17 weeks), Veterinary Microbiology and Immunology. MTS IV. Salary range \$221.96 - \$319.62 (under review).

Reference Assistant, Resource Area, Counselling and Student Resource Centre. Clerk II. Salary range \$169.49 - \$247.55 (under review).

Payroll Clerk, (Temporary Full Time to cover for maternity leave of absence). Clerk III. Salary range \$218.04 - \$312.32.

Client Co-ordinator, Counselling Unit, Counselling and Student Resource Centre. Clerk III. Salary range \$218.04 - \$312.32.

Library Assistant I, The Library. Salary range \$132.95 - \$189.13 (under review).

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

BRIEFLY

THE BRANTFORD — and District Kennel and Obedience Dog Club held its June meeting on campus. Some 35 members were guests of the OVC.

Following the meeting, the guests were taken on a tour of the College by Susan Ford, Gerry MacIntyre, and Lowell Ackerman, three students employed as OVC guides for the summer. Mr. Alec Nelson of Clinical Studies conducted the group through the radiology area. Mrs. Beverley Hannah, education chairman for the Brantford group, expressed appreciation to the University and the College for the hospitality extended.

Arrangements for the visit were made through the co-operation of the Department of Information and the liaison office of the OVC.

A MEDIEVAL DINNER — will be held Saturday, July 7 at 6:30 p.m. in Room 442 of the University Centre. Tickets are \$7 and may be obtained from Marilyn Armstrong in the Department of History, Ext. 3887 or 822-5437 after 6 p.m. Participants are invited to dress in medieval garb and to cook a medieval dish. Recipes may also be obtained from Ms. Armstrong.

Next Week at Guelph

THURSDAY, 79 07 05

Exhibits — ROBERT FIELD: PORTRAITS, main floor, McLaughlin Library until 79 07 27; TAPESTRIES BY IRENA DZIEMBOWSKI AND SCULPTURE BY JEAN CORKE, Faculty Club, level 5, UC until 79 08 31.

Biophysics and Biochemistry Summer Series — TBA, 12:00 to 13:00, Phys. Sc. 222. Bring your lunch.

TV — SPOTLIGHT ON UNIVERSITY OF GUELPH, Prof. Stanley Saunders, Director of Music, 19:00, Cable 8.

Concert Management and Department of Music Event — THE MALMO KF UM SYMPHONY ORCHESTRA FROM SWEDEN, 20:00, Ross Hall, John F. Ross CVI, Meyer Drive. Tickets at \$3 (general) and \$2 (student and senior citizen), obtainable from the central box office, UC courtyard, Ext. 3940.

FRIDAY, 79 07 06

Last day of preregistration (in-course students)

Worship — FACULTY-GRADUATE CHRISTIAN FELLOWSHIP, 12:00 to 13:00, UC 333; MUSLIM JUMA PRAYERS, 12:30, Chapel, level 5, UC.

Athletics — OAKS JUNIOR TEAM SOCCER, 15:00, Alumni Stadium.

TV — SPOTLIGHT ON UNIVERSITY OF GUELPH, Prof. Stanley Saunders, Director of Music, 18:00, Cable 8.

Bible Study — GUELPH CHINESE CHRISTIAN FELLOWSHIP, 19:00 to 20:30, 8th fl. lge., Arts.

Free Film — THE MISSOURI BREAKS, starring Marlon Brando and Jack Nicholson, 19:00, Phys. Sc. 113.

SATURDAY, 79 07 07

Arboretum Weekend — The Arboretum Centre, the J.C. Taylor Nature Centre and the trails are open to the public for strolling and browsing every Saturday and Sunday from 09:00 to 16:00.

Dinner — A MEDIEVAL DINNER, 18:30, UC 442. Participants are invited to dress in medieval garb, cook a medieval dish. Tickets, at \$7, obtainable from Marilyn Armstrong, phone 822-5437 after 18:00.

SUNDAY, 79 07 08

Worship — CATHOLIC MASS, 10:00, UC 103.

MONDAY, 79 07 09

Intensive ICS Courses — BROADENING YOUR HORIZONS, two weeks of intensive Computing and Information Science courses; these credit courses towards a proposed certificate in Computing and Information Science take place in the Department of Computing and Information Science, ICS building until 79 07 20. For further information contact Prof. Kats Okashimo, Department of Computing and Information Science, Ext. 3889.

Summer Campus '79 — SCAMPER CAMP, KALEIDOSCOPE AND SUMMER MOSAIC, youth programs for children 3 to 15 years, 09:00 to 15:20; Continuing Education courses for adults: IT'S YOUR MONEY, SUDDENLY SINGLE, FREE-LANCE WRITING, SUMMER READ, CALLIGRAPHY, SPORTS MEDICINE, WINEMAKING, HOME LANDSCAPING, CONTEMPORARY ONTARIO POLITICS, FARMING TODAY, CONVERSATIONAL FRENCH I, these programs for children and adults begin today and continue until 79 07 13. SCAMPER CAMP, KALEIDOSCOPE AND SUMMER MOSAIC and another selection of Continuing Education courses for adults also run from 79 07 16 to 79 07 20. For further information call Ext. 3956.

ICS Course — INTRODUCTION TO SHARP APL, B. Stahlbaum, 18:00 to 20:00, ICS; course continues 79 07 11, 79 07 16, 79 07 18, 79 07 23, 79 07 25. To register call Ext. 3046.

TUESDAY, 79 07 10

Study Skills Seminar — EXAM WARM-UP, last minute hints, 12:00 to 13:00, UC 103.

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

Informal Discussion — BAHAI' CAMPUS CLUB, 17:00, UC 334.

Summer Shuttle — To see LOVE'S LABOUR'S LOST, Stratford Shakespearean Festival, Avon Theatre; bus leaves south entrance of the University Centre at 18:00. Tickets, including transportation both ways, \$12.50 at the central box office, UC courtyard, Ext. 3940.

WEDNESDAY, 79 07 11

Concert Management and Department of Music Event — TWO PIANO TEAM OF TINA YANCHUS AND JAMES HIBBARD, 12:10, Music Room 107, Arts.

Admission free and open to the public.

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

Arboretum Series — WEDNESDAY EVENING EXCURSION, with Alan Watson, naturalist, 19:00, meeting at the J.C. Taylor Nature Centre. Next excursion 79 07 25.

Band Concert — GUELPH CONCERT BAND, 19:15, Creelman Hall steps. Concert free. Everyone welcome.

THURSDAY, 79 07 12

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

FRIDAY, 79 07 13

Worship — FACULTY-GRADUATE CHRISTIAN FELLOWSHIP, 12:00 to 13:00, UC 333; MUSLIM JUMA PRAYERS, 12:30, Chapel, level 5, UC.

TV — SPOTLIGHT ON UNIVERSITY OF GUELPH, Prof. John Powell, School of Human Biology, on the Cardio-vascular Club, 18:00, Cable 8.

Bible Study — GUELPH CHINESE CHRISTIAN FELLOWSHIP, 19:00 to 20:30, 8th fl. lge., Arts.

Free Film — NIGHT OF THE LIVING DEAD, 19:00, Phys. Sc. 113.

Athletics — OAKS A TEAM SOCCER, 20:00, Alumni Stadium.

SATURDAY, 79 07 14

Arboretum Weekend — The Arboretum Centre, the J.C. Taylor Nature Centre and the trails are open to the public for strolling and browsing every Saturday and Sunday from 09:00 to 16:00.

SUNDAY, 79 07 15

Worship — CATHOLIC MASS, 10:00, UC 103.

Athletics — UNIVERSITY OF GUELPH CRICKET TEAM MATCH, 13:30, front campus; ONTARIO JUNIOR WOMEN'S BASKETBALL TRAINING CAMP, all day Gymnasium, Athletics Centre; camp continues until 79 07 22.

MONDAY, 79 07 16

Summer Campus '79 — SCAMPER CAMP, KALEIDOSCOPE AND SUMMER MOSAIC, for children 3 to 15 years; Continuing Education courses for adults: THE ART OF EXPRESSION, CHILDREN'S LITERATURE, FAMILY NUTRITION, TELEVISION PRODUCTION, ISSUES BEHIND THE HEADLINES, CONVERSATIONAL FRENCH II, GAMES ADULTS PLAY, APICULTURE, THE AMATEUR THEATRE, SOLAR ENERGY, begin today and continue to 79 07 20. For more information call Ext. 3956.

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The News Bulletin is published by the University of Guelph. Items must reach the editor, Sandra Webster, Department of Information, level 4, University Centre, by noon Friday. Contents may be quoted or reproduced.