

# guelph



## UNIVERSITY NEWS BULLETIN

Volume 27 Number 9

83 03 03

## More students choose Guelph

If the February application totals are any indication, there should be no shortage of freshmen at Guelph in September. The increase is primarily in applications for arts and science.

Applications for arts are up 37 per cent over last year, and for science, an increase of 26.8 per cent, according to the Ontario Universities' Application Centre at Guelph. For the provincial university system in total, the increases are 6.9 per cent and 12.9 per cent respectively.

Total applications for first year enrolment at Guelph are up 18.8 per cent.

Associate Registrar, Admissions, Peter Tron, says across the provincial system application totals are up two per cent, but have declined in business, engineering and mathematics. "I think it represents a shift in students' attitudes about what a degree will mean," he says. "With our fast-changing, technological society, degrees with a broader background, such as humanities, social sciences and basic science, seem to have more appeal."

Mr. Tron believes a fair share of the credit for the increase in the Guelph numbers can be attributed to this University's liaison effort and promotion program. He also notes that each College has an active liaison coordinator which has enhanced the efforts of the Admission's staff.

"It appears that admission committees may have to look seriously at quotas," he says. "It could mean an increase in admission standards."

The Associate Registrar notes that Guelph's new program in management economics has proven popular and helped the B.A. program figures. While it is basically a "business" program, it is listed by provincial authorities under arts programs, rather than in the business category. □



*The bidding stops at \$3,50 — not a bad-price for an umbrella in this springlike weather — at the police auction which drew 150 people to Peter Clark Hall. At the end of three hours auctioneer Mike Kelly had raised \$1,700 for the Police bursary fund which is used to help students in emergency situations. The articles, including pocket calculators, watches and bicycles, are unclaimed items found on campus and some surplus office items from various Departments. Lost articles may be claimed at the Police Department, or later, by the finder. Those not claimed within 90 days go into this annual auction.*

## NSERC increase guarantees funds for research equipment

The Natural Sciences and Engineering Research Council (NSERC) has received an \$18 million budget increase, according to a recent announcement from Ottawa.

The Council's five-year plan, announced in 1980, has seen its budget grow from \$120 million to \$244 million this year. In the past two years, in addition to support of specific research projects, the increased budget has permitted NSERC to assist universities in acquiring state-of-the-art research equipment, such as the STEM electron microscope, an array processor to enhance computing capacity and a high-field NMR machine on the Guelph campus.

Dr. Wayne Marsh, assistant to the Dean of Research Bill Tossell, says that without this

increase, the current year's NSERC budget would have had very limited funds to deal with the many new applications for major equipment. The increase will permit the Council to continue this important phase of its support, he said.

In making the announcement, The Honourable Donald Johnston, Minister of State for Science and Technology, said the Council's support of university research and research training is a major component of the government's support of research and development in Canada.

NSERC is the largest funding agency for university research and development in Canada, providing scholarships and fellowships for graduate study and postdoctoral fellowships. □

## Spring flooding still possible

Melting snow will not likely be the main cause of spring flooding this year but high ice content in the ground could create problems. There is an exceptional amount of water accumulating on the ground because it has been thoroughly wet and then frozen, according to Professor Hugh Whiteley, School of Engineering. It will thaw very slowly and, even though the top layer may thaw, the frozen sublayer will not allow the ground to absorb water. This water will have to go somewhere, he says.

Since 1976 Prof. Whiteley has been studying snow-melt and its effects on flooding, specifically at Cold Creek, near the boundary of Peel and York counties, and Canagagigue Creek near Elmira.

In southern Ontario, the beginning of March is the most common time for flooding although, depending on climate, there could be as many as five snowmelt periods between November and April, he says.

By examining air temperature, sunshine (measured directly or in hours), wind speed and relative humidity, Prof. Whiteley is able to calculate the rate at which snow will melt and the rate at which water will get to the nearest ditch or stream.

This calculation is one of the first steps towards developing a system to forecast stream flow and flooding. This would lead to better management of reservoirs through a closer regulation of water flow and the use of available storage space to its best potential to prevent flooding. □

**WINTER WATERCOLORS** by English Language and Literature professor Allan Austin will be on show at the Stewart Gallery, Guelph, April 11 to April 23. Some 25 paintings are expected to be ready for the show.

## COLLEGE ROYAL'83

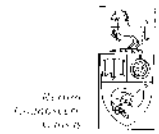
UNIVERSITY OPEN HOUSE WEEKEND

Saturday, March 12  
9:00 a.m. - 5:00 p.m.

Sunday, March 13  
11:00 a.m. - 5:00 p.m.

### UNIVERSITY OF GUELPH BOARD OF GOVERNORS

GUELPH, ONTARIO, CANADA N1G 2W1  
TELEPHONE: (519) 875-1129



February 28, 1983.

To All Members of the University Community:

A Presidential Search Committee is now engaged in seeking a person to recommend for the position of President of the University of Guelph.

The Committee invites nominations from individual members of the University community of suitably qualified persons who should be considered for the position. Letters of nomination should contain biographical information on the person recommended and a statement on the nominee's qualifications for the office of President.

Additionally, the members of the Committee would welcome written views from individual members of the community on the desirable attributes of the person to be chosen to lead our University for the remainder of this decade.

Such communications should be addressed in confidence to the Chairman or any other member of the Committee.

Yours truly,

C.H. Franklin, Chairman  
Presidential Search Committee

#### PRESIDENTIAL SEARCH COMMITTEE

Mr. C.H. Franklin, Chairman  
Prof. B.F. Christie, Faculty Member, Vice-Chairman  
Mr. E.C. Bosay, Board Member  
Mr. G. Couler, Student Member  
Mr. R.W.D. Hanbridge, Board Member

Mr. D.V. Jamieson, Staff Member  
Prof. A.E. Martin Matthews, Faculty Member  
Prof. D. Oseguro, Faculty Member  
Miss J. Wellington, Student Member  
Mr. J.E. Huis, Secretary

## Gerontology Centre seeks director

A selection committee has been established by President Donald Forster to recommend the appointment of a part-time director for the Gerontology Research Centre which is funded by a major SSH RC grant.

The appointment, which includes administrative support, is for an initial period of three years. Because of the source of funding, which is a major SSH RC grant, and the responsibilities of the position, the appointment is restricted to candidates at the University.

Nominations and applications are sought from persons with recent research accomplishments in gerontology and with broad interests in the social sciences. The ability to stimulate and co-ordinate interdisciplinary research in gerontology, with a particular emphasis on the two

themes of the aging family, and aging in rural and urban environment contexts, is also sought.

Further information, including details of the original SSHRC submission, may be obtained from the chairman of the committee. Nominations, suggestions and other comments should be sent to the chairman no later than March 15.

Vice-president, Academic, Professor Howard Clark is chairman of the selection committee that is made up of Professor J.A. Tindal, Family Studies; Dean W.E. Tossell, Office of Research; Dean J. Vanderkamp, College of Social Science; Dean J.M. Wardlaw, College of Family and Consumer Studies; Professor R.D. Webb, School of Human Biology, and, Professor A.D. Yarmey, Psychology. □

# HAFSA unveils watercolors of historic Ontario inns

Paintings of five historic Ontario inns will be unveiled March 3 in the School of Hotel and Food Administration. The watercolor paintings, by well-known Guelph artist Marlene Jofriet, were commissioned by the School to pay tribute to the evolution of Ontario hospitality.

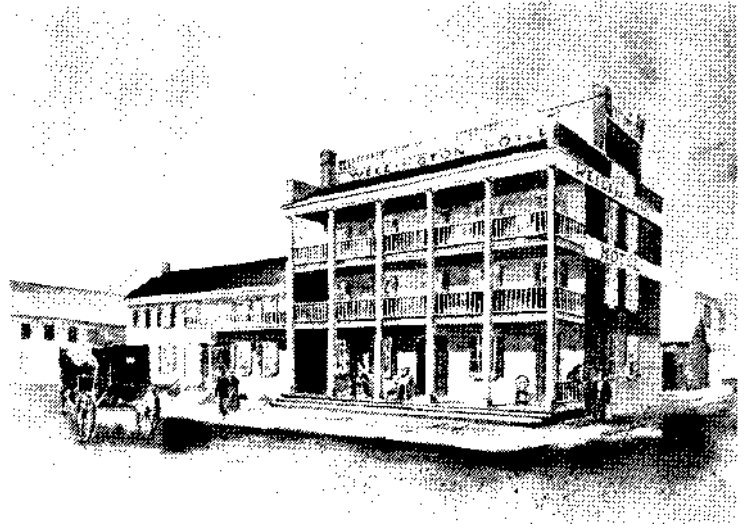
An architect by training, Mrs. Jofriet used watercolors to capture the inns' architectural details and establish the mood and atmosphere of the period. The five inns represent different eras in the history of inn-keeping in early Ontario.

Smith's Tavern, a simple log cabin in Hamilton, was typical of the lodging for many early travellers and settlers who came to upper Canada before 1800.

The King's Head Inn was built at about the same time on the stage coach route between Niagara and York (Toronto). The only record of this inn is a drawing by Lady Simcoe.

The Wellington Hotel, originally the Ontario House, was one of the fashionable hotels in bustling York in the early part of the nineteenth century.

As railroads replaced the stage coach, inns like the Albion in Gravenhurst were built along the routes. This inn was owned and operated by the family of Professor Ted Fletcher, School of Hotel and Food Administration.



*Noted for its fine food and quarters, the Wellington Hotel, above, originally the Ontario House, was the place to stay in early York. An early advertisement promised, "the parlors are spacious and elegantly furnished with bedrooms attached, airy and pleasant. The beds are large and double, well suited for summer and winter, and it may not be amiss to state that they are warranted free from vermin or insects of any kind, and will be kept so."*

Another aspect of Ontarian innkeeping is represented by the Sans Souci, a resort inn on an island in Georgian Bay between Midland and Parry Sound. Cottagers in those days travelled from Toronto to Midland by train, from Midland to the Sans Souci by steamboat and took a boat to their cottage the following day.

The paintings will be unveiled at a special dinner March 3 in the Macdonald Stewart building. Undergraduate students, as part of

the restaurant operations course, will turn back the pages of history to recreate an evening of genteel dining such as a guest in York's Wellington Hotel would have enjoyed.

The dinner is one of a series presented weekly by fourth year students as they explore cooking through the ages, from ancient Greece to "Nouvelle Cuisine."

The painting and short histories of the inns will hang in the main floor hall of the Macdonald Stewart building. □

## Acid rain: Canada responsible for 50% of problem

Canada is responsible for half of its own acid rain problem, according to the co-ordinator of the Canadian Coalition on Acid Rain.

Speaking to a fish and wildlife management class on campus last week, Adele Hurley said Canadians must stop believing that the United States is to blame for the Canadian acid rain problem.

"Although the U.S. send us four times as much acid rain as we send them, we are still responsible for 50 per cent of our problem," she said. "This country emits much less sulphur dioxide, relative to the U.S., but that which we do emit stays with us or is transported out to the Maritimes and the Atlantic."

While American sources are emitting 26 million tons of sulphur dioxide a year, Canadian sources, such as Ontario Hydro, Inco and Noranda, emit only five million tons. Prevailing winds from the southwest and the ability of certain soils to compensate for the increased amounts of acid must be taken into account when laying the blame, she said.

As a lobbyist for the Canadian Coalition on Acid Rain, Ms. Hurley represents 42 Canadian groups in Washington. She spent a

year with Pollution Probe and set up the Liberal Program on Conservation with Dr. Stuart Smith. From these experiences she knows that politics and environmental issues are often intertwined.

In the U.S., the Reagan government has taken a strong anti-environment stance, she explained, and consequently some of the top positions in the environment department have gone to key officials in industries that have run afoul of emission restrictions. American utility companies, accused of contributing to high sulphuric acid levels, have printed pamphlets suggesting that acid rain is non-existent or the product of volcanic eruptions or sea spray — that "Mother Nature" herself was to blame, she said.

While Canada is urging the U.S. to cut sulphur dioxide emissions by 50 per cent by 1990, more Americans are converting to coal as an alternate fuel. Coal is generally high in sulphur content, particularly the coal used in the Eastern US where there is a conflict between reducing emissions and keeping the miners employed. Ironically, Ontario uses low-sulphur coal imported from the U.S.

Another anomaly exists in the debate over the Clean Air Act in the U.S. The Senate Committee on the Environment and Public Works, led by Republican Senator Robert Stafford of Vermont, is defending clean air issues, contrary to its party platform. The House Energy Congress Committee is led by Democratic Congressman John Dingle from Dearborn, Michigan. Contrary to his party platform, Congressman Dingle wants to prevent clean air controls from passing because of the high rate of unemployment in his own constituency, caused by the failing auto industry.

During the present sitting of Congress, Ms. Hurley said she expects to see the Senate try to weaken or reverse Senator Stafford's stand while members in the House will try to temper Congressman Dingle's bill.

Despite the seeming "Catch-22," Ms. Hurley says the chances of legislation of the Clean Air Act in the U.S. are "reasonable to good."

"Every prestigious American scientist concludes that acid rain is real, man-made and

*Continued on page 4.*

# Governments must operate in the middle of the road



Governing is not easy, according to Guelph City Alderman Anne Godfrey in the fourth of the noon-hour lecture series, "Living in a 'No-growth' Society."

It is certainly not easy for a government that strives to reconcile the interests of those who are concerned about the consequences of ill-considered growth with those whose legitimate business activities appear to be threatened by controls, as well as the sizeable majority that does not choose to make itself heard one way or the other, she said. "All levels of government are now concerned with the plight of the unemployed, and as much as we of the Guelph City Council would prefer to attract non-polluting showcase industries manufacturing socially worthwhile goods, it would be morally and politically inappropriate for us to be that rigid."

Whether or not we live or should live in a no-growth society, Alderman Godfrey made it clear that we are by no means living in a static society. Even within a low-growth context, political decisions must be made in which here-and-now concerns are sometimes in conflict with long-term energy, waste control, aesthetic and budgetary considerations. She quoted housing density, height and signage by-laws as examples.

"Politicians are not insensitive to the long-term issues raised in this lecture series,

*Continued from page 3.*

will reach serious dimensions if limits on sulphuric acid are not put in place."

The delay in the debate over the Clean Air Act has meant millions of dollars spent by the U.S. utility companies to prevent legislation. With the Presidential elections coming up in 1984, there are signs of the Reagan government weakening its position on acid rain, Ms. Hurley believes.

Three Harris polls taken recently in the U.S. show that the American people want the Clean Air Act left intact or strengthened. The Republicans are reading the polls, according to Ms. Hurley.

"Six to eight months ago, acid rain stopped being a Canadian issue and started being an issue which Americans talk about in American terms," she says.

As for the future, New Hampshire may be the key state, as far as the acid rain issue goes. All Presidential candidates will have to campaign in New Hampshire — a state that ardently supports the Clean Air Act and has been actively involved in the nuclear freeze issue.

The Presidential primaries are held in New Hampshire so candidates will have to take a stand there early. "It is definitely a state to watch very closely," notes Ms. Hurley. □

but what they can do has to be acceptable to the short-term goals of the electorate," she said.

Alderman Godfrey emphasized the importance of political input by knowledgeable people. Academics who care about environmental trends have a special duty to help lay people understand the issues, because, finally, it is the lay people who will make positive action possible, she added.

Politicians do listen and must listen, she said. Letters from individuals do have an impact, but so do letters emanating from organized pressure groups. If people care enough about an issue to organize a concerted letter-writing campaign, that is their privilege.

"I do not necessarily believe the majority is always right, but the majority is entitled to be heard. Unfortunately, it is not, in general, the majority that speaks up. The greatest pressure comes from minority groups at the far ends of the spectrum, and it is between these poles that governments must operate." □

## Sigma Xi lecture March 11

The vice-president and scientific director of one of Canada's newest ventures in biotechnology, Allelix Inc. of Mississauga, will visit the campus and give the Sigma Xi lecture Friday, March 11.

Dr. Derek C. Burke will be meeting faculty members from microbiology, crop science and chemistry. At 4:10 p.m. he will address the Guelph chapter of Sigma Xi, The Scientific Research Society, on "University-Industry Interaction" in Room 101 of the Physical Sciences building. This is a public lecture.

Dr. Burke founded the department of biological sciences at Warwick University, England, in 1969 and was chairman of that department through 1975. He has held several senior posts at Warwick, has been a member of the Cell Board of the Medical Research Council, and is a member of the Scientific Committee of the Cancer Research Campaign. He is editor-in-chief of the *Journal on General Virology*, and has authored many papers on interferon and virology.

Dr. Burke holds a Ph.D. in chemistry from the University of Birmingham and was a post-doctorate fellow at Yale University.

His visit to Guelph is co-sponsored by the Guelph chapter of Sigma Xi and the Office of Research. Details: Jim McPherson, Office of Research, Ext. 3429. □

## Art Centre hosts juried exhibition

The Macdonald Stewart Art Centre will host its second juried exhibition this month, featuring works of art selected from submissions by artists in the counties of Wellington, Waterloo, Wentworth, Dufferin and Halton.

Members of the jury this year are Bill Boyle, Director of Visual Arts Ontario, Ken Danby, Guelph artist, and Professor Tom Tritschler, Chairman, Department of Fine Art at the University of Guelph.

Artists may submit up to two works in any one or all five of the following categories: painting, printmaking, drawing, sculpture and photography and video. Works may be submitted by bringing them to the Art Centre Thursday, March 3, Friday, March 4 and Saturday, March 5, 12 noon to 5 p.m.

Information about entry fees, awards, insurance, entry forms and labels is available at the Art Centre information desk, or at 837-0010.

The exhibition, titled *Viewpoints*, will open with a preview reception Thursday, March 24 and continue to April 24. □

## A young man's fancy turns to...

In the spring a young man's fancy lightly turns to thoughts of maple syrup.

Maple syrup?

The sap has been running for two weeks now because of the unseasonably warm weather, according to biologist Alan Watson at the Arboretum.

"It's three weeks ahead of time for this area," he says, "and if the weather continues to stay mild, we should have a good, long season."

Sap for maple syrup usually starts flowing within a week or two of March 8, 9 or 10 and lasts until April 10 to April 12. This year, the sap started running in mid-February.

The length of the season depends on the weather during the next few weeks, says Mr. Watson. If it gets warm and stays warm, the season may end quickly and producers who are not ready to tap may have a short season. If day-time temperatures drop below freezing, the sap will freeze up again until the next thaw.

"As for quality," he says, "if the days get warm (10 degrees or higher), bacteria may form in the buckets and holding tanks, giving the syrup a darker color and a stronger maple flavor."

Maple syrup season at the Arboretum officially opens March 6 with "Backyard Maple Syrup," the Sunday afternoon walk (see "Next Week at Guelph" for details) and displays, exhibits and tours will continue until mid-April. □

# Aged Canadians study may provide data for future policy

By the year 2000, 13 per cent of the Canadian population will be over 65 years old. Policy-makers are examining how post-retirement can be made more meaningful for this largely ignored sector of society.

As part of this rising interest in the aging population, Sociology and Anthropology professor Victor Ujimoto is conducting a study on "Comparative Aspects of Aging Asian Canadians" examining social networks and time budgeting.

While the current rate for those over 65 years old is only 8.7 per cent, the effects of the anticipated increase are largely economic.

"If the number of older people is increasing, then the proportion of younger people able to support the aged will decrease," he says. "One of the questions arising is whether it is more economical to provide tax incentives for families to look after the elderly or should we continue with the present situation where government builds old age homes?"

With the help of a research grant from the Social Sciences and Humanities Research Council of Canada, Prof. Ujimoto and his five-member research teams in major cities across Canada will collect data to examine how the aged Asian Canadians spend their post-retirement years.

The study will involve administering questionnaires and time budget sheets to Asian Canadians over 65 years of age. Initially the survey will concentrate on Japanese and Korean Canadians, although Prof. Ujimoto hopes to expand this during the second year to include Chinese Canadians and, eventually, Indo-Canadians.

The questionnaires will deal with pre-retirement occupations, income and education, while the time budget sheet is essentially a diary of how an individual spends his day.

"I'm interested in finding out whether or not post-retirement is perceived as meaningful or not and how it can be made more meaningful," explains Prof. Ujimoto.

Some of the areas he intends to examine are the impact of history on how the Asian Canadians have survived in Canada, the strength of social networks among Asian Canadians and the role of religion in maintaining social networks.

Prof. Ujimoto's interest in this area stems from studies he conducted in 1979 while on sabbatical leave in Grenoble, France. At that time, 13 per cent of the French population was over 65 years of age.

French gerontologists were attempting to integrate minorities with the locals — the mainstay of French society. In Grenoble, "animateurs" worked with ethnic and interest groups to help integrate the aged into society. They worked on the assumption that each individual contributes to the welfare of society, regardless of occupation, ethnic background or education.

"The Grenoble study showed that, depending on cultural background, people spend their post-retirement years doing different things," says the sociologist who hopes to discover the same principle among the aged Asian Canadians.

"Some cultures are based on the notion of 'filial piety' where the role or place of the parent in the family is still significant after retirement. This occurs mainly where cultural ties are still strong, and is likely to disappear by the third and fourth generation."

Previous studies have shown that first and second generation Asian Canadians follow the "filial piety" system where the parents are kept in the home if possible. If they must be put in an old age home, relatives visit them frequently, there is a high degree of interaction with grandchildren if there is no language barrier and the elderly are consulted regularly in the family decision-making process.

"In considering the aging society issue, there are two philosophies that come into

play: the re-educative philosophy and the facilitative strategy," explains Prof. Ujimoto.

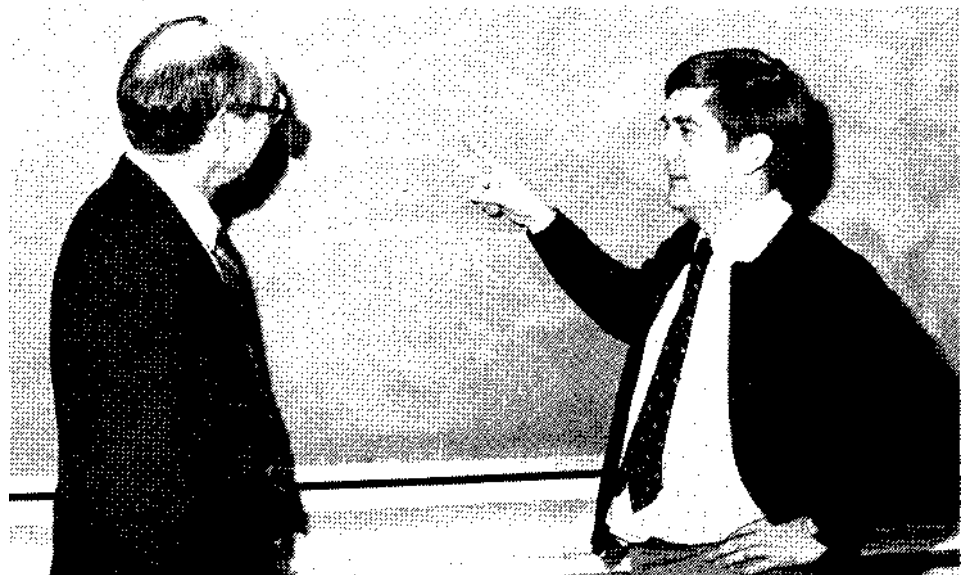
The re-educative philosophy is that each individual has something to contribute to society because of his life experiences. By sharing these experiences, the individual is able to keep up with changes in society.

The facilitative strategy deals with the question of accessibility, examining such issues as how can society make it easier for the elderly to keep up with changes. One example of this is by providing easier access to university courses for seniors.

While both of these philosophies should be considered, Prof. Ujimoto says he would like to see a society where the elderly are given a consultant role to utilize their maturity and experience.

The study is expected to be completed by May, 1984, although preliminary results will be available by May, 1983.

Prof. Ujimoto's research is part of a multi-disciplinary interest in the aging which is to be co-ordinated by the new Gerontology Research Centre. □



A recent visitor to the Department of Land Resource Science was Dr. Tony Dexter, right, Waite Institute, Adelaide, Australia, here in a conversation on soil moisture with LRS Chairman Ken King. Dr. Dexter presented a seminar on soil physical properties and crop growth. The Waite Institute includes the agricultural faculty of the University of Adelaide, South Australia.

## DEPARTMENT OF PSYCHOLOGY PREREGISTRATION

Date	Time	Name	Office Room
Wed. Mar. 9	9 - 11 a.m.	Prof. Barron	539
	12 - 2 p.m.	Prof. Mottin	507
Thurs. Mar. 10	9 - 11 a.m.	Prof. Yarmey	508
Tues., Mar. 15	9 - 11 a.m.	Prof. Yarmey	508
	12 - 2 p.m.	Prof. Duda	541
Wed., Mar. 16	9 - 11 a.m.	Prof. Barron	539
	1 - 3 p.m.	Prof. Duda	541
Thurs., Mar. 17	11:30 a.m. - 12:30 p.m.	Prof. Mottin	507
	3 - 4 p.m.	Prof. Mottin	507
Fri., Mar. 18	10 a.m. to 12 noon	Prof. Barron	539
	12 - 3 p.m.	Prof. Mottin	507

**"HOUSING IN CANADA,"** a series of seminars sponsored by the Department of Consumer Studies, features guest speaker John Sandusky, President, Sandbury Homes, First Vice-President HUDAC, on "Emerging Housing Issues: The Industry Perspective." His talk will be Thursday, March 3 at 2:10 p.m. in Room 106, College of Family and Consumer Studies.

All members of the University community are welcome to attend. Details: visiting professor Chris Terry, Ext. 3780 or Department of Consumer Studies, ext. 2120.

**THE MENDELSSOHN** String Quartet, consisting of Laurie Smukler, violin, Nicholas Mann, violin, Ira Weller, viola, and Marcy Rosen, cello, will give the Thursday Noon Hour Concert March 3.

Program I, at 12:10 p.m. will consist of the "String Quartet, Op. 95 ("Serioso")" by Beethoven and Charles Ives, "String Quartet No. 1 ("A Revival Service)." Program II, at 1:10 p.m., will include "Six Bagatelles, Op. 9," by Anton Webern and the "Mendelssohn Quartet in D Major, Op. 44, No. 1." The concert is in Music Room 107 of the MacKinnon building. Sponsored by Concert Management, the concert is free and open to the public. Details: Ext. 3144.

**WHEN** do environmental problems become strategic political issues? Professor W.R. Derrick Sewell of the University of Victoria discusses this in a talk Wednesday, March 9 at 8 p.m. in Room 031 of the MacKinnon building. The lecture is co-sponsored by the Departments of Political Studies and Geography.

**THE NEXT MEETING** of the College Women's Club is a spring dinner and dance Wednesday, April 9 at the Faculty Club. A bus trip to the Corning Glass Centre in New York state is April 27, 28 and 29. Contact Mary Okashimo for details, 821-1257.

**ZOOLOGY PROFESSOR** Denis Lynn is one of two speakers at the all-afternoon Colloquium for the Critical Approach to Science and Philosophy, Sunday, March 20 in Room 442 of the University Centre. He speaks on "Structural Organization at the Cell and Molecular Levels: Towards a Social Science of the Cell?". Joining him is Nicholas Tilley, University of Minnesota. Details: Professor Fred Eidlin, Political Studies, Ext. 3469 or Professor Tom Settle, Philosophy, Ext. 3123. The next colloquium is April 24.

**THE PIED PIPER OF SONG,** Bob Schneider, will work his magic for children of all ages Saturday, March 5 at War Memorial Hall.

A highlight of the concert is a performance by a group of local youngsters. Twelve children who are in grades one to six at Priory Park School will help create the special magic of a Bob Schneider performance.

Sponsored by the University Centre, the concert starts at 1 p.m. and is approximately one hour long. Tickets, at \$4.50 are on sale at the University Centre box office. Information: Bette Moreton, Ext. 3902.

**A VENDOR** demonstration of the Wang personal computer will be held Monday, March 7 in Room 212 of the Institute of Computer Science. There will be two demonstrations, 9:30 a.m. and 1:30 p.m. Details: Ext. 3046 or 2706.

**A DEMONSTRATION** of printers will be held Friday, March 4, 9:30 a.m. to 12 noon in Room 442, University Centre. Organized by the Institute of Computer Science, a short seminar will be given to explain issues involved in selecting a printer. Five-dot matrix printers will be demonstrated and vendors will be available to answer questions. Details: Bill Hansen, Ext. 3065.

**NATIONAL PLAYERS,** the longest-running theatrical touring repertory company in America, brings *The Taming of the Shrew*, William Shakespeare's hilarious study of "wife-training" to Guelph Friday, March 4. Sponsored by the University Centre, the performance is in War Memorial Hall at 8 p.m.

Tickets, at \$8.50 for general admission and \$7.50 for students/seniors, are available at the University Centre box office. Information: Bette Moreton, Ext. 3902.

**CELLIST** Ofra Harnoy will give a recital with pianist William Aide at the 1983 Guelph Spring Festival May 6. The 18-year-old virtuoso will perform "Sonata No. 1 in E Minor" and "Sonata No. 2 in F Major" by Brahms, "Sonata in A Major" by Boccherini and several lighter works.

Miss Harnoy, born in Israel in 1965, moved to Toronto at the age of 10. She won the first prize in the 1979 Canadian Music Competition and the 1978 Montreal Symphony Orchestra Competition. She has studied with Vladimir Orloff in Toronto and with William Pleeth in London, and has recorded three albums for Masters of the Bow and the Moss Music Group. With pianist William Aide, she will record the Brahms Sonatas this summer.

Details: Edwina Carson, 821-7570.

**IDEAS,** a Canadian Broadcasting Corporation radio program that provides a forum for information and opinion, seeks academic professionals to contribute to the programs for the broadcast season September to May.

Heard each weeknight across Canada on CBC Stereo, "IDEAS" deals with the sciences, humanities, social science, arts, and a wide range of areas in a variety of ways. Most often, two- to five-hour documentaries devoted to a subject are put together.

IDEAS also seeks experts to do the interviews, help shape the material and to script and narrate the series. Details: Geraldine Sherman, executive producer, Box 500, Station A, Toronto, Ontario M5W 1E6, telephone 1-416-925-3311.

**EDUCATING** professionals in agriculture is the focus of a colloquium on campus Wednesday, March 16. Sponsored by the Committee of Faculties of Agriculture in Canada, the Office of Educational Practice and the OAC Dean's Office, the colloquium will feature three speakers beginning at 1:30 p.m. in Room 141 of the Animal Science building. University of Saskatchewan Professor B.L. Harvey will give a national perspective; OAC Dean Clayton Switzer will preview international developments, reading from a report from the Organization for Economic Co-operation and Development conference on higher education in agriculture held in Paris, France. OAC initiatives will be covered by OAC Professor Mike Jenkinson.

**THE SECOND FILM** of the Guelph International Resource Centre series, Five Foreign Flicks, "Children of Babylon," will be shown Monday, March 14, 7:30 p.m., War Memorial Hall.

Tickets are available in advance at the box office in the courtyard of the University Centre or at Guelph International Resource Centre, 822-3110, or at the door for \$2.50.

**MEMBERS** of the University's Anglican-United community have announced, with regret, the resignation of Rev. Ritchie McMurray who was chaplain for the past 14 years.

Rev. Peter Moore from St. George's Anglican Church, Guelph, will conduct services in Room 158, Johnston Hall, Wednesdays at 12 noon and Fridays at 5 p.m.

**CENTRAL** Printing and Duplicating in the University Centre is now offering one-hour turnaround service for the University community. Details: Ext. 3417.

## Faculty Club exhibit

The Arctic is coming to the Faculty Club. "Arctic Perspectives," an exhibit of color photographs, shows the Arctic as seen by Guelph zoologists who conduct research in the North. The exhibit will be on display in the Faculty Club from Tuesday, March 8 to Friday, March 25. Prepared for the 1982 Canadian National Sportmen's Show, the exhibit features the photographs and insights of faculty members and graduate students in the Department of Zoology; Norman Lightfoot, Media Productions, and Stuart McDonald, National Museum of Natural Sciences. The photographs highlight not only the land but the animals and plants that have adapted so effectively to the severe northern environment.

At an opening reception March 8 at 4:30 p.m., Professor Vernon Thomas, Zoology, will give a talk about Arctic animals and the oases where they congregate.

The exhibit was designed and produced by the Department of Zoology, Media Productions and Information Services. □

## black) Maria Dal Fabbro

Dr. Inacio Maria Dal Fabbro was here on a three week study leave from the University of Campinas, Brazil. His area of specialization is in design of farm machinery and physical properties of agricultural products. He was working with Professor Walter Bilanski, School of Engineering.

Xavier Valvé

Professor Lambert Otten, School of Engineering, hosted a visit from Xavier Valvé, department of agriculture, Spain. Dr. Valvé was here to discuss solar energy applications. Dr. Valvé visited Guelph in 1980 when the solar buildings were under construction.

Hughes, Becky R. and M.J. Tsujita, 1982. "The Effect of Supplemental High Pressure Sodium Lighting and Nutrition on Vegetative Growth and Flowering of 'White Marble' and 'Improved Mefo' Cut Chrysanthemums," *J. Amer. Soc. Hort. Sci.* 107(6): 1019-1024 (Hort).

Kingston, E.E., A.G. Brenton, R.K. Boyd and J.H. Beynon, 1983. "Angle-Resolved Mass Spectrometry," *Int. J. Mass Spectrometry and Ion Physics* 47: 117-120 (Boyd, Chemistry; Kingston, Brenton and Beynon, Royal Society Research Unit, Swansea, U.K.).

Lange, G.L. and J.A. Otulakowski, 1982. "Improved Preparation of Methyl 3-Oxo-1-cyclohexene-1-carboxylate and Its Use in the Synthesis of Substituted 1,5-Cyclodecadienes," *J. Org. Chem.*, 47: 5093-5096 (Chemistry).

Martin, S.W., A.H. Meek and R.A. Curtis, 1983. "Antimicrobial Use in Feedlot Calves: Its Association with Culture Rates and Antimicrobial Susceptibility," *Can. J. Comp. Med.* 47: 6-10 (Martin and Meek, Veterinary Microbiology and Immunology; Curtis, Clinical Studies).

Martin, S.W., 1983. "Vaccination: Is It Effective in Preventing Respiratory Disease or Influencing Weight Gains in Feedlot Calves?" *Can. Vet. J.* 24: 10-19 (Veterinary Microbiology and Immunology).

Martin, S.W., S.A. Aziz, W.C.D. Sandals, R.A. Curtis, 1982. "The Association between Clinical Disease, Production and Culling of Holstein-Friesian Cows," *Can. J. Animal Sci.* 62: 633-640 (Martin, Veterinary Microbiology and Immunology; Aziz, Veterinary Microbiology and Immunology, University Pertanian Malaysia, Serdang, Selangor, Malaysia; Sandals and Curtis, Clinical Studies).

#### Algoma Trustee

**Dr. Dennis Howell**, Centre for International Programs, has been elected to a seventh consecutive term as chairman of the Board of Trustees of Algoma University College.

Dr. Howell was first named chairman of AUC in August, 1976, when supplementary letters patent created a board of trustees to replace the school's governing bodies.

The board was created following a royal commission board of inquiry which investigated the management of AUC.

#### On Leave

**Professor J.R. Ogilvie**, Chairman, School of Engineering, is on a one-year administrative leave. He is spending the first part of his leave at the University of Florida.

**Professor J.C. Jofriet** is acting director.

#### NSERC Appointment

**Dr. R.L. Peterson**, Botany and Genetics, has been appointed for a three-year term to the committee on international relations, Natural Sciences and Engineering Research Council of Canada.

#### Brantford Conductor

**Kenneth Tinnish**, Music Department, has been appointed conductor of the Brantford Symphony Youth Orchestra. Mr. Tinnish teaches brass (applied music) at the University. He also conducts the University of Guelph Concert Band and the University of Guelph Pep Band.

Matthews, M.L., 1982. "The Influence of Visual Workload History on Visual Monitoring Performance," Proceedings of the 8th Congress of the International Ergonomics Association, Tokyo, (Psychology).

Measures, L.N. and R.C. Anderson, 1983. "New Subspecies of the Stomach Worm, *Obeliscoides cuniculi* (Graybill), of Lagomorphs," *Proc. Helm. Soc. Wash. D.C.* 50: 1-14 (Zoology).

Measures, L.N. and R.C. Anderson, 1983. "Development of Free-living Stages of *Obeliscoides cuniculi multistriatus*," *Proc. Helm. Soc. Wash. D.C.* 50: 15-24 (Zoology).

Mittal, G.S. and L. Otten, 1983. "Micro-processor Controlled Low-temperature Corn Drying System," *Agric. Systems*, 10: 1-19 (School of Engineering).

Mittal, G.S. and J.L. Blaisdell, 1982. "Moisture Mobility in Frankfurter During Thermal Processing Analysis of Moisture Profile," *J. Food Processing and Preservation* 6(2): 111-126 (School of Engineering).

Mittal, G.S., H.M. Lapp and J.S. Townsend, 1982. "Continuous Drying of Wheat with Hot Sand," *Can. Agric. Eng.* 24: 119-122 (School of Engineering).

Mittal, C.S. and L. Otten, 1982. "Simulation of Low-temperature Corn Drying," *Can. Agric. Eng.* 24: 111-118 (School of Engineering).

Newman, J., 1983. "M. Maritain vs. the 'Moral Majority'," *Ethics in Education* 2, No. 6: 2-5 (Philosophy).

Noakes, D.L.G., 1982. "Effects of Chemical Signals in *Betta splendens*," *Revue Canadienne de Biologie Experimentale* 41(7): 217-219 (Zoology).

#### Research Associateship

**Professor Vernon Thomas**, Zoology, has been nominated to a research associateship with the National Museums of Natural Sciences, Ottawa. Prof. Thomas has collaborated with S.D. MacDonald of the vertebrate zoology division on research into the distribution and breeding activity of the Ivory Gull in the Canadian High Arctic. The Ivory Gull is a rare and potentially endangered species in Arctic Canada.

#### Travels and Seminars

**Professor R.C. Anderson**, Chairman, Zoology, was a visiting professor in the department of zoology, University of Alberta, where he gave a series of lectures on the evolution of the parasitic nematodes.

Prof. Anderson, has been appointed to the editorial board of the *Proceedings of the Helminthological Society of Washington*, D.C.

He also presented a seminar on paratuberculosis in the department of biology, Lakehead University.

**Professor Thom Herrman**, Psychology, and **Professor John Powell**, Human Biology, conducted a professional development day for Wellington County elementary school teachers dealing with stress management.

**Professor T.A. Watts**, Consumer Studies, was interviewed by Paul Brent, CKCO-TV Kitchener on "Food Coupons and Consumer Use."

Powell, J.T., 1982. "The Hand," *The Physical Educator*, 39(4): 214 (Human Biology).

Taylor, Peter, 1982. *Aporisms*. Guelph: Adele Press, 1982, 20 pp. Print Publication Services).

Varcoe, G. and S.D.M. Jones, 1983. "The Measurement of Sarcomere Length in Beef Logissimus Muscle by Laser Diffraction and Oil Immersion Microscopy," *Can. Inst. Food Sci. Technol. J.* Vol. 16, No. 1: 82-**M**Animal and Poultry Science).

Wall, M.J. and J. Gallagher, 1983. "Consumer Attitudes Toward Children's Flame-retardant Sleepwear," *Canadian Home Economics Journal*, 33(1) Winter: 21-26 (Consumer Studies).

#### Goods and Services

##### Available

Habysitter, 821-6692; micro programmer, 837-0337; psychology grad with Syspuh, SPSS and Wordstar to work on research projects, 856-4006 evenings.

##### Wanted

Ride from Kitchener (Belmont & Highland area) to U. of G. weekdays 0800 to 1630, share gas, 8768 or 578-3363 evenings; one to five acres of cottage land with lakefront safe for small children within one tank of gas from Guelph, 658-9938 after 1900.

##### For Sale

Hoover washer-spin dryer; 821-3940; whitewater fiberglass kayak, 856-9091; 135mm Hexanon camera lens, 836-3004; 1975 Ford Torino, dresser, single bed mattress with head board, table and 4 chairs, lamp, end table, 10" kid bike, 14" color TV, Safe-T-ryder, sofa, easy chair, 822-9372; handcrafted solid oak dining table with 8 chairs, 836-3222, evenings; 1980 Jawa 350 motorcycle, 856-4049 after 1800.

##### Accommodation

##### For Sale

Three bedroom house near Sunnylea Park, 823-2396 after 1700. 836-6094.

##### For Rent

One bedroom apartment, sublet May 1 to July 30, option to renew lease, convenient location, 837-2415.

Personals is a free service offered by the *News Bulletin* for staff, faculty and students at the University. All items must be submitted to the *News Bulletin* IN WRITING one week before publication.

**Department Academic/Liaison Co-ordinator**, Computing and Information Science. Starting rate: \$21,452 - \$25,742. Open to on-campus employees only.



# Next Week at Guelph

## THURSDAY, 83 03 03

Graduate Research Seminar - EFFECT OF AMBIENT TEMPERATURE ON WOUND HEALING IN GARTER SNAKES, D.A. Smith, 1100, Pathology 220.

College Royal - TALENTFEST PREVIEW, 1200, UC Courtyard.

**Noon Hour Concert** - MENDELSSOHN STRING QUARTET, 1210 and 1310, Mack107.

Housing in Canada - EMERGING HOUSING ISSUES: THE INDUSTRY PERSPECTIVE, John Sandusky, CHMC, 1410, FACS106.

**Visiting Professor** - JACQUES BRAULT, U. de Montreal, "L'Avenir de la Littérature Québécoise," 1600, Mack132.

Worship - CATHOLIC MASS, 1700, chapel, level 5, UC,

Apiculture Club - MAKING HONEY WINE, Prof. J. Hunter, York University, 1710, Graham Hall, Rm 200.

Inter Varsity Christian Fellowship - BASIC VALUES IN OUR PERSONAL LIVES, 1900, AS141.

Landscape Architecture - THE SYMBOLISM OF ENVIRONMENT, Prof. J. Appleton, Hull, England, 1900, LS204.

Spotlight on the University of Guelph - 1900, cable 8.

Continuing Education - NEW MYSTICISM II, P. Hourihan, 1930, Ext. 3956 for details.

## FRIDAY, 83 03 04

**Demonstration** - SELECTING A PRINTER, 0930, UC442, details Bill Hansen, Ext. 3065.

Lecture - UNE JOURNEE EN FRANCAIS, 1000 and 1300, UC103. tickets at UC box office.

Public Reading - GONE THE BURNING SUN, Ken Mitchell, U. of Regina, 1100, Mack308.

Sports - TRACK AND FIELD, OUAA, at Windsor, 1200; SWIMMING, CIAU at Laval.

Faculty Christian Fellowship - 1200, Johnston Hall 157.

Worship - ANGLICAN EUCHARIST, 1700, Johnston Hall 158.

**Friday Flix** - SINGING IN THE RAIN, 1900 and 2115, PS105.

College Royal - KICK-OFF PUB AND BEARD JUDGING, 2000, PCH.

Drama - TAMING OF THE SHREW, 2000, WMH, tickets at UC box office.

## SATURDAY, 83 03 05

**Continuing Education** - BUYING RURAL PROPERTY, 0930 Ext. 3956 for details.

College Royal - CAKE BAKING CONTEST, 0800 and 1230, FACS; EVALUATION COMPETITION, 0900, Judging Pavilion; COLLEGE ROYAL BALL, 2000, UC.

Seminar - ANIMAL BEHAVIOUR -- WHO CARES, 0800, PS105.

Concert - BOB SCHNEIDER, 1300, WMH.

Sports - TRACK AND FIELD, OUAA/OWIAA at Windsor; SWIMMING CIAU at Laval.

## SUNDAY, 83 03 06

**Worship** - CATHOLIC MASS, 1000, PCH; CAMPUS CHURCH SERVICE, 1030, PS113.

**Sunday Afternoon Walk** - BACKYARD MAPLE SYRUP, 1400, J.C. Taylor Nature Centre, Arboretum.

College Royal - TALENTFEST '83, 1930, WMH.

International Cinema - KAGEMUSHA, 2000, PS105.

## MONDAY, 83 03 07

**Continuing Education** - SCIENCE OF WEED CONTROL, 0830, Ext. 3956 to register.

ICS Seminar - WANG PERSONAL COMPUTER DEMONSTRATION, 0930 and 1330, ICS212.

Sale - UKRAINIAN CLUF3, 1100, UC Courtyard.

Careers and Jobs - CHOICES: INTRODUCTION, 1200, register at the Connection Desk by 1100.

Liberal Education Series - LIVING IN A NO-GROWTH SOCIETY: INFORMATION AND THE INDIVIDUAL, Prof. John Black, 1210, UC442.

Spotlight on the University of Guelph - 1830, cable 8.

Landscape Lecture - HABITAT THEORY IN ARCHITECTURE AND LANDSCAPE DESIGN, 1900, LA204.

Theology from Experience - CHRISTIAN COMMUNITY: A CASE FOR HEALING AND RESISTANCE, 1930, UC335.

College Royal - PUBLIC SPEAKING AND STORY-TELLING, 2000, UC103. Preregistration - IN COURSE STUDENTS.

Art Lecture - MANNERS AND MANSIONS ON THE BAY OF NAPLES, Alexander McKay, McMaster, 2000, MackK114.

## TUESDAY, 83 03 08

**Our World** - FORMULA FOR THE AMERICAS, 1210, UC442.

**Psychology Colloquium** - METACOGNITION AND CHILDREN'S MEMORY DEVELOPMENT, 1230, UC335.

**Physics Colloquium** - SPIN EFFECTS IN ELASTIC PROTON-PROTON SCATTERING AT LARGE P, Prof. Alan Krisch, U. of Michigan, 1600, PS113.

Worship - CATHOLIC MASS, 1700, chapel, level 5, UC.

**God, Man and World** - 1700, UC334.

**Careers and Jobs** - RESUME WRITING CLINIC, 1800, CSRC.

Landscape Architecture - HABITAT THEORY IN LITERATURE AND THE VISUAL ARTS, Prof. J. Appleton, 1900, LA204.

College Royal - EGG DROP COMPETITION, 2000, UC Courtyard.

## WEDNESDAY, 83 03 09

**Worship** - ANGLICAN EUCHARIST, 1200, Johnston Hall 158; CATHOLIC MASS, 1200, chapel, level 5, UC; IMMANUEL FELLOWSHIP, 1900, AS141; CHRISTIAN DOCTRINE CLASS, 1700, UC333; CATHOLIC PRAYER GROUP, 1700, chapel, UC, level 5.

Biochemistry Seminar - RELATIONSHIP OF THREE DIMENSIONAL STRUCTURE TO FUNCTION IN N-LINKED OLIGOSACCHARIDES, Or. Jeremy Carver, U. of T., 1200, Hort124.

College Royal - CURTAIN CALL, 2000, WMH.

## THURSDAY, 83 03 10

**Graduate Research Seminar** - EFFECT OF SUSPENSION SOLID KOALIN ON SALMONID GILLS, S.A. Goldes, 1100, Pathology 220.

Faculty Association - EXECUTIVE MEETING, 1200, Board Room, Faculty Club, UC level 5.

**Noon Hour Concert** - JAMES CAMPBELL AND JOHN YORK, clarinet and piano, 1210 and 1310, Mack107.

**YM-YWCA** - BOOK SALE, 400 Speedvale E.

Worship - CATHOLIC MASS, 1700, chapel, level 5, UC.

Apiculture Club - BEEKEEPING IN PANAMA AND COSTA RICA, Dr. Card Otis, 1710, Graham Hall, Rm 200.

**Careers and Jobs** - JOB SEARCH WORKSHOP, 1800, register at the Connection Desk by 1500.

Spotlight on the University of Guelph - 1900, cable 8.

Inter Varsity Christian Fellowship - PRAISE MEETING, 1900 AS141.

College Royal - CURTAIN CALL, 2000, WMH.

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