

# AT GUELPH

41st  
Year

Volume 41 No. 6

University of Guelph, Guelph, Ontario

February 26, 1997

## AT A GLANCE

**Outreach to schools.** The steering committee for the second day of protest and public education March 25 is gathering a list of speakers to go into schools during that week to speak about their research and other interests. Anyone interested in participating in the outreach program is asked to contact Ted Swart at [tswart@snowwhite.cis.uoguelph.ca](mailto:tswart@snowwhite.cis.uoguelph.ca). The committee is also organizing a program of speakers for March 25. The full program will appear in *At Guelph* March 13.



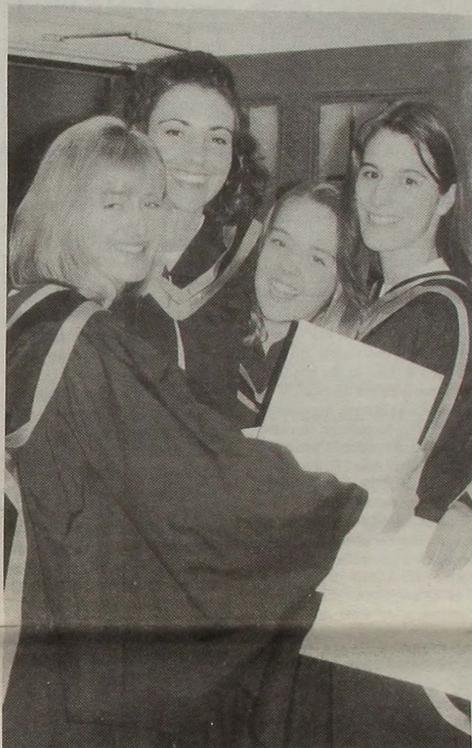
Included with this issue of *At Guelph* is a newsletter on the ACCESS Fund and an insert from the Bookshelf Cinema.

**We're on the Web.** You can also read *At Guelph* on the World Wide Web at <http://www.uoguelph.ca/atguelph>. *News Watch*, an electronic calendar of events, can be found at <http://www.uoguelph.ca/newswatch>. News that breaks between issues of *At Guelph* is also posted at this site.

**Thought for the week**

*Bad artists always admire each other's work.*

Oscar Wilde



**A degree of success.** New M.Sc. graduates, from left, Cyndy McLean, Tracy Howard-Tripp, Angela Masters and Nathalie Desbois celebrate Valentine's Day and their graduation with a hug. All four received their master's in human biology and nutritional sciences. See pages 6 and 7 for more convocation coverage. Photo - Lisa Lisle

## U of G leads Ontario in application increase

Secondary school student applications to U of G are up by 13.6 per cent, the largest increase among the province's 17 universities, according to data released by the Ontario Universities Application Centre (OUAC) last week. Overall, applications to Ontario universities are down by 2.6 per cent.

Guelph led the province numerically — with an overall increase of 1,340 applicants — as well as in percentage, says Chuck Cunningham, director of enrolment management and registrar services. U of G also has the biggest numerical increase in first-choice applicants in Ontario. "We are pleased with the increase, which is the result of a sustained community effort," says president Mordechai Rozanski. "It is clear that the value of what we have to offer and the quality of our faculty, academic programs and student services are appreciated by the applicants. We are particularly proud of the extraordinary planning and follow-through by our talented liaison staff under the leadership of Starr Ellis and Chuck Cunningham."

Careful planning by U of G's enrolment management committee was a key factor in the application increase, says Prof. Alastair Summerlee, acting asso-

ciate vice-president (academic). The committee was formed a year ago to provide advice on how to achieve appropriate enrolment levels. Continued high standing in the annual *Maclean's* magazine's ranking of Canadian universities, strong leadership offered by the Office of First-Year Studies and other innovative programs have also helped make Guelph one of the most sought-after institutions in Ontario, he said.

Applications to all degree programs at Guelph remained strong, with notable increases in such areas as environmental sciences, commerce, science, engineering, applied science and agricultural science. Applications to arts and social science programs, which are down 6.9 per cent across the province, were up 6.2 per cent at U of G.

Demographics were cited as a factor in the overall decline in the number of applications to OUAC this year. In 1998, the number of people between the ages of 18 and 24 is expected to increase, which may be reflected in a subsequent rise in the applicant pool, according to OUAC. □

## Student occupation comes to peaceful end

Eleven U of G students and one former student protesting the provincial government's Feb. 5 tuition fee announcement vacated the offices of senior administrators and their staff Feb. 19 after a seven-day occupation.

Originally, there were 17 protesters, but five departed several days after the incident began. The

Guelph occupation followed what appeared to be co-ordinated sit-ins at the University of Toronto and York University. Carleton University was occupied last week. According to reports, several additional universities may be targeted for action.

Throughout the Guelph occupation, the senior administration maintained that although it respects the rights of students to dissent, the action did not contribute constructively to the process of consultation on tuition increases. The administration refused to discuss the tuition issue with student protesters while they occupied the presidential offices.

The protesters demanded that president Mordechai Rozanski declare a tuition freeze, citing their concern about accessibility

because of the rising costs of post-secondary education. The president responded that although he recognizes their concern, "I am sure the students would agree that the primary issue is accessibility to quality programs. With the disinvestment by the province in higher education, and given the painful decisions that this university has had to make, regrettably students will once again have to participate in a further cost sharing of their education to maintain the quality of our university."

In a Feb. 7 release to the University community and media, Rozanski criticized the province for its decision to freeze grants at 1996/97 levels, forcing universities to make up the critical shortfall in operating revenues through tuition. He argued that the gov-

ernment must reinvest in postsecondary education and improve the student financial assistance program.

"Our first choice is clearly to have government funding for universities rise to the national average instead of remaining last among the 10 provinces," he said. As the occupation continued, there were rising concerns about the significant stress on staff displaced from their offices. Some staff were said to be intimidated during the takeover of the offices. The occupiers used chains and metal poles to bar all entrances to the presidential offices.

Students supporting the protesters tried to force entry into War Memorial Hall during convoca-

See *STUDENT* on page 3



At CIBC, we can turn  
your retirement savings into income.

CIBC Banking Centre, 23 College Ave. West  
Telephone: 824-6520



We see what you see.

# LETTERS

## University supportive of inflation protection

In his Feb. 17 letter to *At Guelph*, Murray MacGregor argues that there is a large variance in pension benefits and states that instead of correcting this variance, the University has spent pension surplus on "special-interest" groups. I am writing to provide the history of the inflation protection that has been afforded to U of G retirees.

Since inception, University pension plans have undergone numerous amendments, resulting in improved benefits to retiring faculty and staff, including inflation protection. It is important for us to review those inflation-protection improvements.

Before 1984, inflation adjustments were made on an ad hoc basis (i.e., there were no guaranteed adjustments based on a set

formula in the plan documents such as the current formula of CPI minus 2.25 per cent.) During that period, because inflation had been relatively high, retirees suffered a fairly large loss in purchasing power. To make up for this loss, the University granted a "special" ad hoc adjustment in 1989 for all faculty and staff who retired before 1984.

Individual adjustments ranged from an increase of 2.4 per cent in pension payments for someone who retired in 1983 to an increase of 30.5 per cent for someone who retired in 1965.

From 1984, an inflation-adjustment formula was introduced to provide for annual inflation adjustments equal to the lesser of 50 per cent of the increase in CPI or

investment earnings in excess of seven per cent. The formula was changed to CPI minus three per cent effective September 1986, CPI minus 2.5 per cent effective September 1989, CPI minus 2.375 per cent effective September 1994 and finally CPI minus 2.25 per cent starting September 1996, with the increase in CPI being limited to eight per cent.

In 1993, another "special" ad hoc adjustment was granted to bring the pension erosion for years 1984 to 1989 down to CPI minus two per cent. This adjustment ranged from an increase of about 0.5 per cent in retirement income for retirees in late 1988 to an increase of 3.4 per cent for someone who retired on or before August 1985.

Finally, "special" ad hoc inflation adjustments were granted for all years from September 1992. (It's important to note that if only the effective indexation formula had been applied in the last four years, no inflation adjustment to pensions would have been made because the percentage increase in CPI was lower than 2.5 per cent in 1993, lower than 2.375 per cent in 1994 and 1995 and lower than 2.25 per cent in 1996.)

This effectively means that all pensioners received increases during each year of the social contract, a period during which most U of G employees received no adjustments to their compensation.

The annual average indexation protection formula that is equivalent to the actual adjustments granted over the years ranges from full CPI for all faculty and staff who retired after 1990 to about CPI minus 2.7 per cent for members who retired in 1973 and 1974.

In conclusion, I believe the University administration has an impressive record of support for ad hoc, special and permanent inflation-protection improvements for retirees, a record that needs to be highlighted in response to Murray MacGregor's letter.

Nancy Sullivan  
Vice-president (finance and administration)

*At Guelph* welcomes letters to the editor from members of the University community. They must include the full name, signature and telephone number of the correspondent. *At Guelph* reserves the right to reject any letter for publication and to edit letters for content and length. □

## Sigma Xi honors five

The Guelph chapter of Sigma Xi will honor excellence in research and teaching at its annual seminar and banquet March 5.

Prof. Frank Hurnik, Animal and Poultry Science, winner of the Excellence in Research Award, will speak on "Agroethics — Fashion or Necessity" at 4:10 p.m. in Room 1714 of the Learning Centre. The awards banquet begins at 6:30 p.m. at the Whippletree.

This year's recipient of the D.G. Ingram Graduate Student Award is Robin Parks of the Department of Molecular Biology and Genet-

ics. The H.S. Armstrong Graduate Student Award goes to Chemi Zhu of the Department of Chemistry and Biochemistry. Support of Research Awards will be presented to Carole Ann Lacroix, Botany, and Robert Frank, Zoology. The High School Science Teacher Award goes to Glenn Wagner of Centre Wellington District High School in Fergus.

Tickets for the banquet are \$25 general, \$15 for students, and are available from Anna Gallina in the Department of Botany at Ext. 6006. □

# PEOPLE

A retirement reception will be held March 14 for Profs. **Lyn Kannenberg**, **Neal Stoskopf** and **Jack Tanner**, Crop Science. It runs from 4:30 to 7 p.m. at the Italian Canadian Club, 135 Ferguson St. Tickets are \$15. For details, call Jenny Van de Kamer at Ext. 3387 or send e-mail to jvandeaka@crop.uoguelph.ca.

Professor emerita **Eleanora Cebotarev**, Sociology and Anthropology, led a workshop last month on the "Quality of Life of Rural Families" at the Agrarian Institute of Novgorod in Russia.

Prof. **Lynn McDonald**, Sociology and Anthropology, travelled to Jamaica last month to speak to the Jamaican Women's Political Caucus and meet with members of the Centre for Gender and Development Studies of the University of West Indies. She also gave a colloquium in the graduate program in women studies at York University on "Researching Florence Nightingale: Theoretical Issues Concerning her Contribution to Public Health, Applied Social Science and Gender Roles."

**Sarah Nadalin**, an alumni officer in Alumni Affairs, has received an honorary membership in the OAC Alumni Association. It is only the second such membership given by the association.

Prof. **Richard Phidd**, Political Studies, participated in a seminar marking Transport Canada's 60th birthday, presenting a paper on Transport Canada since its inception. As part of his ongoing work on public-sector management reforms in Canada, Phidd also gave papers last year on "Public-Sector Organizational Reforms in Canada: Five Departmental Case Studies" at the University of Canberra and "Public-Sector Organizational Reforms in Canada: The 1960s to 1990s, The Changing Role of the Canadian State" in Malta.

Prof. **Hans Bakker**, Sociology and Anthropology, attended the American Sociological Association (ASA) meetings in New York City and has participated in planning the 1997 ASA meetings to be held in Toronto. □

## Keep us informed!

If you are organizing an event on campus, remember to send information well in advance to appear in the "Calendar" and "Notices" sections of *At Guelph* and on our "News Watch" Web site. Mail to *At Guelph*, Level 4, University

Centre, fax to 824-7962 or send e-mail to bchance@exec.admin.uoguelph.ca.

The following is a list of *At Guelph's* publishing and deadline dates throughout the winter and spring semesters:

Publication date	Copy deadline
March 12	March 5
March 26	March 19
April 9	April 2
April 23	April 16
May 7	April 30
May 21	May 14
June 4	May 28
June 18	June 11
July 2	June 25
July 16	July 9
July 30	July 23

**FREE Consultation**

### MAXIMIZE YOUR RETIREMENT PACKAGE

Is it worth your while to roll your University Pension to a Private Pension Fund?

By helping you determine the right investment mix, we can minimize your taxes and create additional income.



Michael R. Stoddart  
Retirement and Succession Planning

Call me at 658-8083 for more details.

**STANDARD LIFE**

Driven. To exceed your needs.

### Tucker-Johnson Limited

- Sales, Leasing, Parts & Service
- Free Courtesy Shuttle Service
- Oil & Filter Service Special on VW Products from \$24.95
- Serving the Community Since 1963



Golf CL Lease from \$229 (24 months)\*  
Jetta GL lease with A/C and cassette \$299 (24 months)\*

\*OAC plus applicable taxes

Half km west of the Hanlon on Hwy 24  
659 Wellington St. W., Guelph  
824-9150 ♦ Fax: 824-7746

\*According to the hieroglyphics, this is the spot where the Aztec Employee of the Month was ceremoniously hurled into the Pit of Doom!

**AT GUELPH** is published by the University of Guelph every other Wednesday except during August. *At Guelph* is guided by an editorial policy and an editorial advisory board. The policy is available on request at Ext. 3863.

Views, opinions and advertisements contained herein do not necessarily reflect official University policy. *At Guelph* will not be liable for damages arising out of errors or omissions in advertisements beyond the amount paid for space.

*At Guelph* welcomes contributions from the University community, including letters to the editor, opinion pieces, publications and news about faculty, staff and student activities. Deadline is Wednesday at noon unless otherwise specified. Articles may be reprinted with permission of the executive editor.

*At Guelph* top stories can be accessed on World Wide Web <http://www.uoguelph.ca/atguelph>.  
Offices: Communications & Public Affairs, Level 4, University Centre, University of Guelph, Guelph, Ontario N1G 2W1. Telephone: 519-824-4120, fax: 519-824-7962, e-mail: bchance@exec.admin.uoguelph.ca. Office hours: 8:30 a.m. to 4:30 p.m.

## UNIVERSITY OF GUELPH

Editor: Barbara Chance, Ext. 6580  
Executive editor: Sandra Webster, Ext. 3864  
Writer: Lisa Lisle, Ext. 2592  
Production: Linda Graham, Ext. 6581  
Advertising: John Rolfe, Ext. 6498, Alumni House  
Editorial advisory board: Prof. Roselynn Stevenson, Microbiology; Prof. Beverly Hale, Horticultural Science; Jim Rahn, Veterinary Teaching Hospital; acting CPES dean Robert McCrindle; Prof. Donna Woolcott, Family Studies; Prof. Donna Penney, English; CSS dean David Knight; Lance Morgan, Central Student Association; Karen Iles, Graduate Students' Association; Linda Hoffman, Animal and Poultry Science; Cal Swegles, Human Resources; Sharon Taylor, Library; Benny Quay, Counseling and Student Resource Centre; and Guelph lawyer Robin Lee Norris.  
Member of Canadian Public Relations Society, Canadian Council for the Advancement of Education, International Association of Business Communicators and the Council for the Advancement and Support of Education.  
Subscriptions: \$44 (includes GST); outside Canada, \$51. ISSN 08364478 © 1996



## 73rd College Royal open house in March

U of G students will stage their 73rd College Royal open house March 15 and 16. The biggest open house of its kind in Ontario, College Royal involves several hundred students and welcomes about 20,000 visitors annually. The campus will be open Saturday from 9 a.m. to 5 p.m. and Sunday from 10 a.m. to 5 p.m.

This year's theme is "Innovation, Imagination and Fascination," which will be evident at the many exhibits, special events and attractions across campus.

Special events leading up to the open house include a cultural celebration March 6 at 7:30 p.m. at War Memorial Hall, a model search March 7 at 7 p.m. in Peter Clark Hall and the College Royal Ball March 8 in the University Centre.

Several events are scheduled for noon in the UC courtyard during the week of March 10 — a Jail-O-eating contest March 10, a scavenger hunt March 11, a server competition March 12 and a Talentfest March 13. The courtyard will also be the site of a pie-throwing competition March 12 at 7 p.m. On March 14, a flower-arranging competition begins at 7 p.m. in Room 103 of the

University Centre.

Traditional events during the open house weekend include a livestock show, demonstrations of animal surgery, a chemistry magic show, a petting zoo, a cat show and a dog show. Children are the focus at FACS, which will offer face painting, arts and crafts, games, story times and clowns.

At Zavitz Hall, fine art students will exhibit their work as part of the 28th annual juried art show.

This year's Curtain Call production is the rock musical *Hair*, which will run March 13, 14 and 15 at 8 p.m. at War Memorial Hall. A special matinee is slated for March 15 at 2 p.m. Tickets are available for \$7 in advance at the University Centre box office or for \$9 at the door.

College Royal will also feature a series of talks and question periods led by faculty. Scheduled for both Saturday and Sunday, the talks will cover such topics as families and time, and genetic advancements in livestock.

A shuttlebus will be available to transport visitors to events across campus. Maps and information will be available in the University Centre. Guided tours of the campus will also be offered. □

## Tuition proposal recommends overall increase of nine per cent

U of G's Enrolment Management Committee (EMC) recommended Feb. 7 that tuition fees be increased institution-wide by an average of nine per cent. This would mean that most students would pay an additional \$295 a year.

At the same time, about \$1.7 million would be allocated to student assistance. Thirty per cent of incremental tuition revenue for 1997/98 is mandated for student aid, and support for student aid is being augmented by the University's campaign to establish endowment funds under the government's Ontario Student Opportunity Trust Fund (ACCESS Fund), which is expected to generate about \$6 million in endowed funds to provide non-loan aid to U of G students. Aid would be provided as a combination of bursaries and merit/needs-based awards.

On Feb. 5, the Ontario minister of education and training informed postsecondary institutions that they could increase discretionary tuition by an average of 10 per cent institution-wide, with a maximum increase of 20 per cent in any one program.

"Although we regret the need to increase fees and believe that the first priority must always be to increase government funding to Ontario universities to the national average, the government appears not to be accepting its own Smith Commission recommendation on this issue," says president Mordechai Rozanski. "As a result, we must have a reasonable increase in tuition."

### Will continue to consult

No program fees at U of G will be recommended to increase by more than 10 per cent, says Rozanski.

"Over the next few weeks, we will continue to consult on the various categories and features of the tuition fee increase with student groups and appropriate Senate committees."

He notes that Guelph will be among the few universities not to increase to the maximum 10 per cent.

The EMC preliminary proposal calls for a 10-per cent tuition increase in all domestic undergraduate programs and a 6.6-per cent increase in most domestic research-oriented graduate programs. Tuition for a number of professional graduate programs — MLA, M.Eng., MBA, MFA and MMS — would rise by 10 per cent. Most graduates and undergraduates

would pay \$295 more per year for tuition. Undergraduates in professional programs would pay \$320 more per year, and graduate students in professional programs affected by the proposed 10-per cent increase would pay an additional \$442.

### International fees won't rise

In light of the University's goal to increase international student enrolment, EMC further proposed that tuition fees for international students, both at the undergraduate and graduate levels, would not be increased and, in one case, would fall below current levels. Guelph currently has the highest international tuition fees at the undergraduate level in Canada, but the lowest in Ontario at the graduate level.

"To the best of our knowledge, our proposal will place Guelph 12th among 17 universities in terms of undergraduate tuition fees and will move us from sixth to eighth or ninth in graduate tuition fees out of 16 graduate schools in the province," says Rozanski.

The consultative process began with meetings with the Central Student Association, Graduate Students' Association and Student Senate Caucus and will continue with various student governments. The process also involves meetings with the President's Budget Advisory Group and the Vice-President's Academic Advisory Committee. On Feb. 21, the Senate Committee on University Planning (SCUP) reviewed the proposal and, after making a suggestion for reconsideration of one aspect of the graduate proposal, endorsed bringing the tuition recommendations to Senate with SCUP's comments. Once consultations with governance bodies are complete, recommendations will go to the finance committee of Board of Governors. The board will make a final decision by the end of March.

EMC's recommendation to increase fees was necessary in light of the province's continued disinvestment in higher education, says Rozanski. Guelph has had to remove \$20 million from its budget in the current year, and there is no increase in transfer payments for 1997/98. If approved, the proposed tuition fee increase, combined with an increase in enrolment, would provide an additional \$2.2 million. □

## Federal budget signals importance of investing in universities

U of G officials last week hailed the 1997 federal budget as an important advance for universities.

The budget signals that at least Ottawa recognizes the importance of reinvesting in postsecondary education, says president Mordechai Rozanski. The provisions will enable universities to restore and enhance research and infrastructure, help students and their families address the rising cost of postsecondary education and encourage donors to give more generously, he says.

"Now we need Ontario to implement the Smith Commission recommendations," he adds.

Unveiled Feb. 18 by Finance Minister Paul Martin, the budget calls for establishment of a new Canadian foundation for innovation, an arm's-length agency that will invest \$800 million over the next five years in university, college and hospital research. Expected to be operational this fall, it will be administered by a board selected from the private sector, researchers and academics.

The innovation foundation will provide grants of up to 50 per cent of the funding needed for a project; institutions must commit to finding the remainder of funds from the private sector or provincial governments.

"Unfortunately, the cuts to granting councils have not been reversed," says Rozanski.

Prof. Larry Milligan, vice-president (research), says Ottawa's support for research infrastructure is extremely welcome news.

"Not only does this signal the end of significant disinvestment in university research in recent years," he says, "but it is also an overt recognition of the importance of funding for research infrastructure. This is a notable advance in understanding and a very wise step by the government of Canada."

He notes that universities will be able to "upgrade worn-out research facilities and equipment, which will help us keep our top researchers from leaving Canada."

Some \$47 million a year is also committed in the budget to the federal Centres of Excellence program, an interdisciplinary program that brings together universities, non-profit organizations and the private sector for research purposes. Guelph is part of this program in the area of bacterial disease research and telelearning.

The government also announced increased tax relief measures to help students and their families invest in a postsecondary education. These include expansion of the value and definition of eligible education tax credits, a more generous repayment schedule for student loans and an increase to the contribu-

tion limits for registered education savings plans. According to news sources, these changes will represent \$600 million over three years.

Rozanski says he's heartened to hear that Ottawa understands the importance of increasing and easing the terms of student aid. He also reacted positively to the news that the federal government will be negotiating with the provinces to move towards a national income-based loan-repayment plan for students.

"These improved tax incentives and changes in financial aid will go a long way towards helping our students and their families meet the cost of higher education and improve accessibility for all students who wish to attend university," he says. "Combined with the reinvestment in research, these measures will advance our efforts to ensure that accessibility means committing to a quality education."

The budget also included a number of changes to tax rules to encourage more charitable giving. Corporations and individuals who donate shares and other securities before 2002 will only have to include in their taxable income 37.5 per cent of the capital gain (down from 75 per cent).

Before the new budget, tax claims for donations to the Crown and Crown foundations were lim-

ited to 100 per cent of the taxpayer's income for the year, the limit for donations to charities was 50 per cent of net income. Under the new budget, the limit for all charitable donations and Crown gifts is 75 per cent of net income.

"This new tax treatment should be attractive to donors," says John Mabley, vice-president (development and public affairs). "Charitable giving in Canada has not

kept pace with the steep decline in government support for public institutions. The new federal tax measures are long-awaited and necessary."

Last week, the Canadian Association of University Teachers, the Council of Ontario Universities and the Association of Universities and Colleges of Canada issued press releases welcoming the federal budget initiatives. □

## Student participation invited

*Continued from page 1*

tion ceremonies. There was evidence that some occupiers attempted to access computers in the presidential offices.

The University responded by advising the occupants that appropriate action would be taken to resolve the situation if they did not depart voluntarily and peacefully once the point of the protest was made.

Rozanski said the University will always respect the freedom of expression inherent in dissent. But he made it clear that individuals and their property must be respected on both sides of the debate.

Furthermore, the University will not tolerate any additional illegal actions and will deal with

them swiftly and appropriately, he said.

After the protesters vacated the offices, the president said he was "pleased that the students made the right choice and the protest ended peacefully and with dignity." The University agreed that no charges would be laid provided there was no damage to property and no removal or destruction of files and documents or dissemination of their contents. Protestors who missed academic assignments will be referred to individual faculty to make arrangements, as during the fall day of action and public education.

The students have been invited to participate in the ongoing process of discussion on tuition fee increases (see story above). □

# Senate reaffirms importance of international emphasis

Two years of Senate International Committee (SIC) discussion culminated Feb. 11 when Senate supported 13 recommendations in a report that calls for re-emphasis on the importance of internationalism at U of G.

The report was prompted by *Making Change: The Strategic Plan for the University of Guelph*. The Strategic-Planning Commission (SPC) defined internationalism as one of U of G's strategic directions and made two recommendations specific to internationalism — number 26, which said SIC should set targets for study abroad and exchange and analyse resource requirements, including bursaries for needy students; and number 27, which called for the Caribbean and Latin America to receive greater prominence in the spectrum of international activities the University is engaged in.

Presented by SIC chair Prof. Ron Stoltz, Landscape Architecture, the report noted that "internationalizing" U of G will increase its profile on the international scene; expand research possibilities through collaborative efforts with academics around the world; and increase appreciation of different cultures, languages, religions, attitudes and the global consequences of local decisions.

Internationalism means more than sending students overseas on study-abroad programs, said SIC. It also refers to study and research overseas, collaborative research with international partners, development co-operation projects, a curriculum that takes into consideration international issues and bringing students from other countries to study on campus.

U of G is doing a great deal on the international front, but it has not been particularly successful in co-ordinating or focusing these efforts, said SIC. Guelph must do more, even in these times of limited resources, and must ensure that international activities are promoted.

International programs are under threat because of reduced funding and downsizing, noted SIC. Faculty who participate in

international efforts must be encouraged, recognized and rewarded, but this will only occur if internationalism is embedded in the resource allocation to the colleges and a reward structure is in place. To finance new programs, criteria for the research and learning enhancement funds should recognize international programs, SIC said. Greater efforts must be taken to attract external funding, and departments should work with Development and Public Affairs to solicit funds from donors in the host country.

SIC also said reviews are needed to ensure that programs supported with operating funds gain the most effect for the dollars spent.

In response, Senate directed the provost to ensure that faculty contributions towards internationalism and all other strategic directions are assessed and rewarded. The assessment is to begin in the fall 1998 tenure and promotion process. The pending resource-allocation model (RAM) should ensure that departmental/college contributions to internationalism and all the other strategic directions are appropriately recognized and rewarded.

Provost Iain Campbell told Senate that the pending RAM, when completed in the near future, will be forwarded to the Senate Committee on University Planning (SCUP) for Senate's consideration.

## Double participation

The SIC report said international research and scholarly activities must be promoted and encouraged because faculty involvement results in an enriched curriculum, institutional links and the recruitment of international graduate students. Guelph must also strengthen its contribution to development and actively encourage interuniversity collaboration.

U of G must build up the "woefully low" student participation in study-abroad programs, said SIC. In 1995/96, 146 undergraduate students went on study-abroad programs, 116 travelled overseas and 26 studied abroad on letters

of permission — a total of 288, less than two per cent of the total student body. Some 94 international students came to Guelph through exchange agreements.

In 1995/96, Senate directed the University to strive to at least double student participation in study-abroad programs in three years, a goal that Stoltz told Senate was realistic and achievable.

## Overcome barriers

SIC identified financial costs and language and program restrictions as barriers to students who wish to participate in international programs. U of G must find ways to make international opportunities accessible to students, the report said.

Student senator Jennifer Fletcher, co-chair of Student Senate Caucus, expressed concern about the financial barriers to students. President Mordechai Rozanski noted that Senate last month supported a Senate Awards Committee recommendation to establish needs-based travel awards. And during a recent visit to Hong Kong and Thailand, he encouraged international alumni to establish awards to support students from their country to come to Guelph.

Stoltz acknowledged that financial awards are a significant issue and that it will take time to work through solutions.

Creative ways must be found to foster faculty, staff and student language acquisition, said SIC. Although reduced funding limits the institution's ability to respond to this through new courses, SIC suggested interactive language-training software, collaboration with neighboring institutions and making use of international students and faculty to provide tutorial classes.

Senate directed the associate vice-president (academic) to review language instruction on campus and asked program committees to explore ways to expand student participation in study-abroad opportunities and to identify and minimize barriers in schedules of studies that restrict participation. A progress report on new opportunities will be presented to the Board of Undergraduate Studies (BUGS) by January 1998.

Guelph must also find ways to reduce the costs of study-abroad programs to the institution, said SIC. There is uncertainty about the support the Centre for International Programs (CIP) should provide to faculty co-ordinators; Senate directed SIC to review this matter and present a report to the associate vice-president (academic) in September. Faculty support and recognition are also required.

## Open learning

The report identified open learning (OL) as having immense international opportunities, and Senate directed the Office of Open Learning to continue to encourage faculty and departments to engage in the development of financially viable OL activities that will meet the needs of learners from around the world.

Prof. Jim Mottin, Psychology, chair of the Senate Committee on Open Learning (SCOL), said the Office of Open Learning is already delivering short-term inten-

sive advanced training courses in collaboration with CIP and academic departments. OL provides flexibility for international students, who can take OL program distance degree courses at "non-visa" fees and could eventually be admitted to a degree program, Mottin said.

SCOL will report on progress to Senate in January 1998.

For faculty and students who can't participate in international opportunities, it's important that the curriculum be internationalized, said SIC. Senate directed program committees to review their schedule of studies and the content of all courses to determine the level of international exposure students will obtain. A report will be presented jointly to BUGS and SIC in January 1998.

SIC outlined the advantages of having international students on campus and noted that undergraduate visa student enrolment has dropped from 10 per cent of the total undergraduate student body in the early 1980s to 1.7 per cent today. Graduate visa student enrolment is 12.4 per cent today, compared with close to 20 per cent in the '80s.

Senate directed the University to adopt a liaison/recruitment strategy that will double the number of international undergraduates and increase international graduate students by 50 per cent in three years.

Prof. Kerry Daly, Family Studies, challenged the costs of mounting such a marketing strategy.

"There are limited resources," responded Rozanski, "but we are looking at creative ways, including using alumni, to deal with this issue."

Prof. Brian Calvert, Philosophy, asked if international recruitment is going to be aimed at rich parents who can afford the differential fee. Prof. Alastair Summerlee, acting associate vice-president (academic), said that is not the case. But part of the enrolment strategy is to target students who can afford the differential fee until the University can go out and raise scholarships, he said.

SIC did not support a geographic emphasis for international activities (SPC had called for greater prominence in the Caribbean and Latin America). Instead, SIC suggested that much has already occurred in this region since the release of the SPC report. SIC recommended continued support for activities in Europe, particularly given Guelph's European studies program, and said this focus should be promoted as a unique strength. Links also need to be extended into less developed countries to balance the present focus in industrialized countries.

Senate directed SIC to review Guelph's offerings of study-abroad opportunities and report to Senate on whether these achieve an appropriate balance of options between more developed and less developed countries.

Senate directed program committees to review new proposals for exchange programs prior to submission to SIC, to ensure that they meet program objectives. Proposals are to be accompanied by a summary statement outlining how the proposal meets the goals

of the program and how issues of duty of care and the cost of mounting the program will be addressed.

During his presentation to Senate, Stoltz expressed thanks to former SIC chair Prof. Truman Phillips, Agricultural Economics and Business, for his involvement in the report.

## Other business

Senate supported a Board of Graduate Studies (BGS) proposal for University-wide alternative admission criteria as well as alternative admission criteria for the executive MBA program.

Guelph already offers admission to about 10 per cent of undergraduates who don't meet standard academic criteria by using a student-profile form to determine other criteria, such as personal characteristics and achievements.

No more than 15 per cent of graduate students can be admitted through the use of the alternative admissions criteria, and no more than 50 per cent for the executive MBA.

BGS chair Prof. Alun Joseph, Geography, reminded senators that no program is obliged to apply these guidelines. Alternative criteria will not be applied to doctoral-level programs.

Senate also received information a report from a BUGS subcommittee for student development on instituting the use of a co-curricular transcript for undergraduates. The document is in response to a suggestion by the Central Student Association, the Canadian Confederation of Students, Local 54, and the Student Senate Caucus that U of G recognize extracurricular or co-curricular activities and document these on the transcript. The subcommittee recommended that no action be taken.

Fletcher said she supported the recommendation with regret, noting that action is not feasible at this time.

## Enrolment update

Summerlee gave an update on winter enrolment. Initial analysis of enrolment data showed an overall decrease of 1.5 per cent, he said. He noted that the retention rate for first- and second-semester students is 95.5 per cent. This reflects the high quality of Guelph's programs and the University's commitment to student support offered by faculty, graduate teaching assistants, Student Services and other campus units, he said.

Rozanski also reported on his recent Team Canada trip to Asia, where he and Chuck Cunningham, director of enrolment management and registrar services, met with more than 100 alumni and talked with some 200 high school students who are interested in attending U of G.

"These discussions helped focus some of the recommendations made here today," he said.

In Thailand, Rozanski signed agreements with Khon Kaen University and the Suranaree University of Technology, establishing a framework for co-operatives activities with each. □



Creative Interdisciplinary Research  
on Any Old Subject

Research, Finished Writing,  
Presentations

Science and Social Sciences Specialist

**HISTORICAL RESEARCH**

Patricia Bowley BSA, MSc, MA  
519-821-3326

**IN REAL ESTATE —  
EXPERIENCE COUNTS**

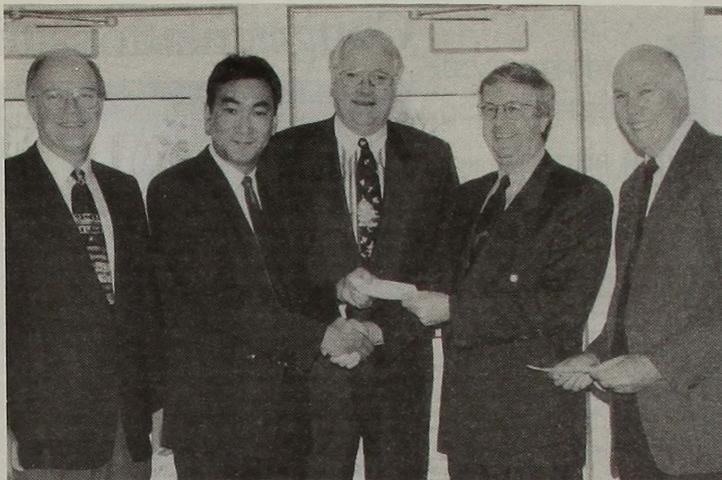
**LET BILL'S EXPERIENCE  
WORK FOR YOU!**



- #1 in sales Guelph & District Real Estate Board 1992, 1993, 1994, 1995, 1996.
- Top 100 in Canada - "Canada's Best Real Estate Performers" (stood 77 out of 82,000 agents)
- When Buying or Selling, call **BILL**

**824-9050**

**ROYAL CITY REALTY LIMITED**



Mike Mason of Harold T. Griffin, Inc., was on campus recently to present a cheque from the Toronto section of the Canadian Institute of Food Science and Technology for a new scholarship in food science. From left are OAC assistant dean Mike Jenkinson; Department of Food Science chair Rick Yada; John Mabley, vice-president (development and public affairs); Mason; and FACS professor emeritus Trevor Watts.

Photo - Lisa Lisle

## Scholarship to boost food science

Canadian food scientists and the University of Guelph are giving secondary school students some food for thought.

The Toronto section of the Canadian Institute of Food Science and Technology (CIFST) is joining forces with the University to give food science a higher profile with the institute's recent gift of \$90,735 to an undergraduate scholarship program at Guelph.

The CIFST established the Gary Knechtel Memorial Award program to raise awareness of career opportunities in the field of food science, says Mike Mason, technical director with Harold T. Griffin, Inc., and co-ordinator of the Knechtel scholarship program.

By providing an immediate endowment trust fund of almost \$91,000 to support an annual scholarship, the institute hopes to interest entering students in exploring food science as a career. Two additional instalments of \$10,000 each will be added in 1998 and 1999.

"The food industry doesn't have the same high educational profile as some other programs," Mason says, "yet the industry has been a very good career choice. Food has always been steady. People always need food."

Prof. Rick Yada, Food Science, notes that guidance counsellors "may not be very proactive in promoting food industry careers. They don't promote food science as a great industry because they know little about it. The Knechtel awards will increase awareness and help attract high-quality students to Guelph's food science program."

Mason has been involved with the co-op program at U of G for eight years and is already impressed with the quality of Guelph's food science students.

"The students are not only knowledgeable, but many are also involved in other activities in their schools or communities," he says. "And those are the kind of grads we're looking for."

Consideration for the Knechtel award will be given not only to scholastic achievement, but also to the demonstration of genuine interest in a food science career,

financial need and community service, says Yada.

Mason notes that although grades are important, "if there's a student who has an average of 95 per cent but does nothing else, that's not the student we want."

FACS professor emeritus Trevor Watts, president of the CIFST Scholarship Trust Fund, says the scholarship program is "looking for people who are going to fit in wherever they choose to work."

Each candidate is required to complete an application that includes questions about career goals, the role of the food industry in Canada and the role of science in the food industry, says Mason. "We're looking for someone who has researched what careers are out there."

Adds Yada: "There will probably be an interview, even if it's a telephone discussion. This way, we really get to find out how well rounded the applicants are."

Because most of this gift to the ACCESS program will qualify

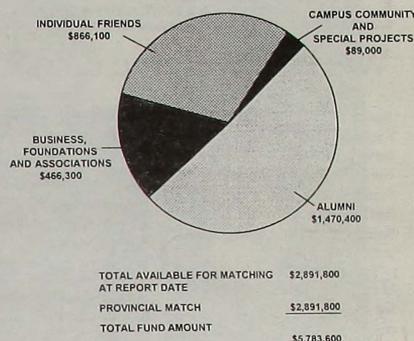
for provincial matching under the terms of the Ontario Student Opportunity Trust Fund, the donation will mean \$200,000 to the Department of Food Science.

The scholarship provides an entry amount of \$2,500, with an additional \$1,000 for each year of successful completion and continuation in food science. If at any point, a student ceases to be enrolled in food science or doesn't meet certain criteria, the scholarship will be discontinued.

Applications for the Knechtel Memorial Scholarship must be received by April 30 of each year. Any student graduating from secondary school in Ontario and entering food science at Guelph is eligible to apply.

The scholarship is named for the late Gary Knechtel, the first male student to enter food science at the University of Toronto. A successful businessman and entrepreneur, he was a longtime member of the Toronto section of the CIFST. He died in 1988. □

## ACCESS FUND REPORT OF THREE-YEAR PLEDGES & GIFTS AT FEB. 14, 1997



Note: In the Feb. 12 issue of *At Guelph*, the pie chart outlining the progress of the ACCESS Fund was inadvertently reversed.

## Associate director named for campaign programs

Bruce Hill has joined Development and Public Affairs as associate director of campaign programs, reporting to John Mabley, vice-president (development and public affairs).

He is responsible for managing staff support to the ACCESS campaign — Guelph's response to the Ontario Student Opportunity Trust Fund. Under this program, the provincial government will match dollar for dollar all gifts and three-year pledges to universities made before March 31. As of Feb. 14, U of G supporters had committed \$2.89 million in unmatched pledges and gifts (see chart above). Guelph is aiming to reach or exceed a target of \$3.1 million in unmatched support.

With the conclusion of ACCESS fund raising in March, Hill will help lead staff planning efforts for a major new campaign initiative.

Hill comes to Guelph from McGill University, where he gained 11 years of experience in planned giving and capital fund



Bruce Hill

raising. He joined McGill as a corporations and foundations officer, identifying and matching university project needs with corporation and foundation interests. He was then promoted to development officer and was involved in developing and managing a major gift fund-raising program for the engineering faculty. The program raised some \$5 million in three years. In 1994, he became senior development officer and supported program initiatives that raised \$2.8 million in one year.

Just before joining Guelph, he was McGill's associate director of planned giving. In that position, he developed a marketing program to increase bequest gifts by 25 per cent.

Hill plans to move his family — his wife, Marie, and their son, John-Ross — to Guelph shortly. He enjoys tennis and skiing and hopes to continue a personal interest in fund raising for student initiatives. At McGill, his student contact included serving as sponsorship and public relations director of the Faculty of Engineering's solar vehicle team. He helped raise \$260,000 from corporate sponsors to build and race McGill's first and second solar vehicles.

Mabley says he's delighted that Hill has joined U of G. "Bruce has already demonstrated that he has the personal energy and professional experience to make a major contribution to the University's systematic fund development progress. I look forward to working closely with him." □



**Support for ACCESS.** It was smiles all around at the ACCESS dinner hosted by OVC Feb. 8. Some 70 of the college's special friends gathered at the Lifetime Learning Centre to learn more about U of G's ACCESS Fund. At the end of the evening, four major sponsors came forward to announce donations of \$30,000 each to help students at OVC. With OVC dean Alan Meek, right, are, from left, Ray Cormack, OVC '49; John Hayward, representing Pfizer Canada Inc.; Carolyn O'Beim, representing Hill's Pet Nutrition; and Vic Parks, representing Novartis Animal Health Canada.

Photo - Trna Kostler

About 800 students graduated during four convocation ceremonies Feb. 13 and 14 in War Memorial Hall. Here are some of the highlights.

Photos by Martin Schwalbe

## Work to preserve democracy, just society

Social science graduates will play a special role in building and preserving a democratic and just society. That's the message Prof. Andrew Winston, Psychology, had for graduates of the College of Social Science at morning convocation Feb. 13.

"For many of us, it is an article of faith that those who have studied social life systematically can make a particularly valuable contribution to every community and every organization of our multicultural society," he said. "This faith is inspired by genuine contributions of social science to the quality of life."

He warned, however, that the history of social science suggests quite a different picture. He cited the theories and policies of the



Prof. Andrew Winston

Nazis and social scientists who fought for apartheid in South Africa and white rule in Rhodesia as examples of the evils that can come from social science.

"Contrary to what many had hoped, this other tradition of social science did not go away," said Winston. "In the past 15 years, research purporting to show the genetic basis of racial differences in intellectual and social behavior has made a dramatic resurgence.

"So repulsive are these 19th-century ideas that we may believe that they should be ignored and can never achieve any mainstream status. This is a costly mistake."

Winston urged the graduates to not only beware, but also to help others understand these issues. "Otherwise, I fear that the social science of racial differences will be turned to purposes as destructive as those of the 1930s and '40s." □

## Welcome change, but keep standards

Change is the parent of opportunity. That's what honorary degree recipient Ralph Hardy told graduates of FACS and CPES at afternoon convocation Feb. 13.

"Overall, we need to be comfortable with change," said Hardy. "That does not mean that

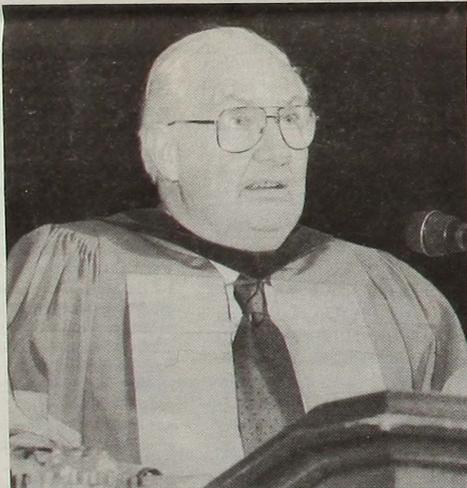
we should accept human-initiated change without appropriate questioning, but to resist such change even after a favorable benefit/risk analysis of the impact of the change is futile. You may slow such change, but you will not stop it."

Hardy, a biological chemist at Cornell University, used science as an example of how change can be both positive and negative. Compared with where society was before the last half of the 19th century, most of what the era of the physical sciences brought was positive, he said. But when compared with where society is today, there are legitimate concerns about the impact of products of the physical science era, including the environment, human health and well-being and physical security. He is confident, however, that the new leadership of biological sciences could alleviate some of these concerns.

Although change is certain, ethical conduct must never change, said Hardy.

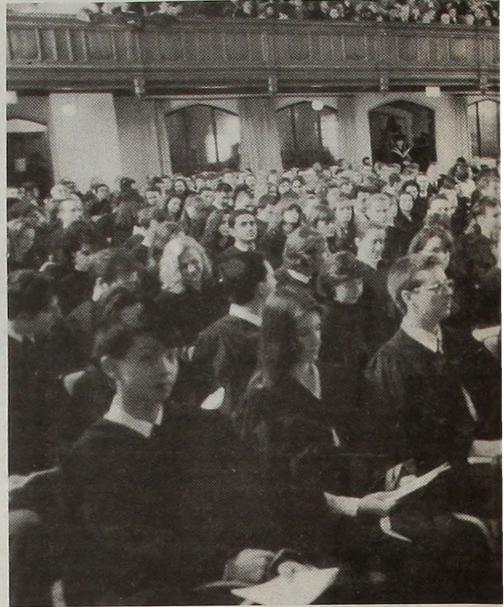
"Everyone must compete — and compete aggressively — in the 21st-century world, but we must restore ethical conduct as part of our everyday actions as we cross the bridge to the 21st century. Our ethical conduct must be such as to enable us to trust and be trusted."

He urged the graduates to "welcome change, benefit from change, play hard to win, but not at the expense of ethical standards." □



Honorary degree recipient Ralph Hardy

# Congratulations to the



## Face future challenges with commitment, determination

No matter what the challenge, if it is faced with commitment and determination, the end result for both the individual and society can be positive.

That's what retired CBS dean Bruce Sells told graduates of CBS and OVC at afternoon convocation Feb. 14, where he was named a University professor emeritus.

Sells cited the Klondike gold rush as an example of this commitment and determination. Peo-

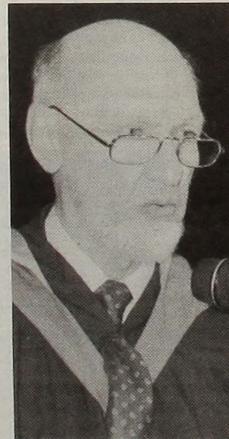
ple going up to the Klondike gave up careers, mortgaged their property, went into debt and endured great physical hardships, he said. Still, "they all stated that even knowing the misfortunes they would have to encounter, they would not have given up the opportunity of going north on that physically and emotionally exhausting journey."

Sells said the capacity to respond to a challenge and derive satisfaction from overcoming adversity is common to all people committed to an exciting idea. In the last century, however, society has become less dependent on physical prowess and more dependent on intellectual skills, he said.

"For future generations of students like you to continue to be exposed to a quality educational environment, the general population must have a greater comprehension of the role that universities play in society."

Sells encouraged the graduates to continue their quest for knowledge.

"The voyage of discovery for those who choose this path is an exciting one, even though the ultimate prize may not always be realized. The satisfaction derived from knowing you have contributed to the enterprise is worth the trip." □



University professor emeritus Bruce Sells

### TTI Frederick Travel & Air Plus Travel Service

We invite you to join us on one of our escorted group tours!

- April 10-13 Weekend at the Met - Escorted by Howard & Maggie Dyck including tickets to three fabulous operas!
- May 18-29 Hike Scotland's West Highland Way - a walking tour through the beautiful scenery of Scotland with Robert Ross.
- July 17-31 In the Footsteps of Brahms & Schubert - Join Howard & Maggie Dyck as they explore Austria and the history of these musicians.
- July 21-August 5 Great British Tour - Ken Silvester escorts this in-depth look at the history and grandeur of the British Isles.  
SPECIAL PRESENTATION EVENING: MARCH 5 @ 7:30 p.m.
- September 18-29 Cruising on the Danube - Experience the beauty of the heart of Europe on our escorted cruise/tour hosted by Les & Bev Houston.

**"Committed To Excellence In Travel"**

951 Gordon Street, Guelph N1G 4S1  
(519) 836-0061 or (519) 837-3220

e-mail: [guelph@fredericktravel.com](mailto:guelph@fredericktravel.com)

### J. Martin Van Dam

52 Waverley Drive  
Guelph, ON N1E 6C8  
Phone: (519) 836-0462  
Toll Free: 1-800-463-5386



wentworth  
FINANCIAL SERVICES INC.

RETIREMENT AND FINANCIAL PLANNING  
RETIREMENT OPTIONS ♦ RRSPs  
INVESTMENTS ♦ MUTUAL FUNDS  
TERM DEPOSITS

# e winter class of '97

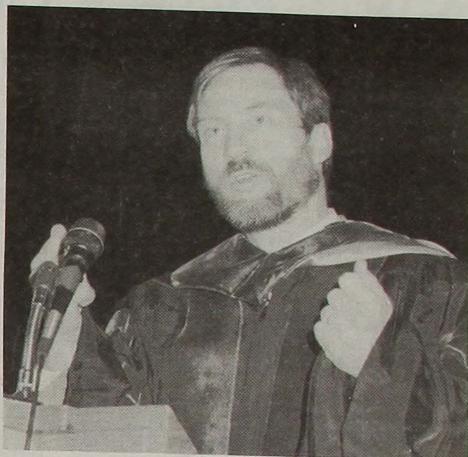
## Stay current, keep learning

Actively position yourself for learning. That was the advice Prof. Tom Michaels, Crops Science, had for graduates of the College of Arts and OAC at morning convocation Feb. 14. During the ceremony, Michaels was presented with the 1996 John Bell Teaching Award (see story below).

He told the graduates that although they have become proficient at attending classes, taking notes, passing tests and writing term papers, they are not done learning.

"When we ask employers what they want in a university graduate, they don't tell us they want know-it-alls," he said. "They want graduates who can work as team members to solve complex problems. They want employees who can continue learning so that they stay current with developments in their field."

Michaels said he's confident that U of G grads can do this. He



Prof. Tom Michaels

noted that when they first came to university, they had to learn how to deal with difficult roommates, to budget time and money, to alter their own behavior and to confront their own prejudices.

"We didn't teach you these skills. You didn't learn them in

the classroom. It doesn't show up on your transcript. You learned these skills on your own."

To position themselves for learning, Michaels suggested the graduates "see problems as opportunities for learning, not paths to success or failure." □

## OAC students, curriculum benefit from leadership of crop science professor

by Lisa Lisle

Leadership, innovation and imagination were key to earning Prof. Tom Michaels, Crop Science, the 1996 John Bell Award for excellence in teaching and curriculum design.

Michaels, who is currently acting dean and associate dean of OAC, played a leading role in restructuring the B.Sc.(Agr.) degree program, says Prof. Iain Campbell, provost and vice-president (academic).

"As co-chair of the program committee, he demonstrated leadership, imagination and courage," says Campbell. "He attracted the strong support of his dean and piloted the changes successfully."

As a result, the new program, Vision 95, is now established and being well received by students, says Campbell. Vision 95 builds on the University's learning objectives, emphasizing communication skills, experiential learning and internationalism. Campbell describes it as a "truly exciting" approach to undergraduate education in agriculture for the decades ahead.

"It will be many years before we can fully appreciate the value of Tom's leadership and contribution to Vision 95," says OAC dean Rob McLaughlin. "But I am already getting considerable positive feedback from alumni, industry and colleagues at other institutions around the world."

Michaels came to U of G in 1982 after earning his M.Sc. and

PhD in plant breeding and genetics from the University of Wisconsin-Madison. In 1994, he received a U of G Faculty Association Distinguished Professor Award.

"It goes without saying that Tom's student ratings are excellent," says Campbell. "He is innovative and has adopted video- and computer-assisted learning in his own teaching."

Prof. Dave Hume, chair of the Department of Crop Science, says Michaels "loves to foster learning, and students respond with fond memories, high scores on course evaluations and an awakened interest in the learning process. His easy-going, pleasant classroom style makes teaching look easy, but behind the comfort is a scholarly approach to teaching and learning with a rare combination of sensitivity to students' needs and innovative approaches to learning."

McLaughlin says Michaels is not only innovative in his own teaching, but also in his view of the entire curriculum. "He listens to other's views and values the diversity of contributions made by individuals to the total program."

Michaels has developed or co-developed six courses, ranging from economic botany to plant breeding, and is now teaching a new course on plant agriculture. He developed and implemented an intercollegiate debate between graduate students in plant breeding at McGill and Guelph, using

computer conferencing, and now uses computer simulation to teach gain from selection in plant breeding.

He chaired his department's undergraduate teaching committee before becoming chair of the B.Sc.(Agr.) program committee in 1992.

McLaughlin says that, under Michaels' leadership, the Department of Crop Science was the first to thoroughly review its undergraduate offerings in relation to the University's learning objectives.

"His leadership and process skills are outstanding," says McLaughlin. "He is highly regarded by his colleagues. He builds consensus and allows everyone to share ownership in the result."

But Prof. Tony Vyn, Crop Science, says Michaels' greatest contribution is to the students and graduates themselves.

"I am continually amazed at how Tom maintains a strong research program, supervises such excellent graduate thesis projects, interacts with agribusiness clients and participates in interdisciplinary efforts while being such a top teacher and teaching administrator," says Vyn. "He has indeed been a distinctive force for academic leadership at this university and beyond."

The John Bell Award is named for the late John Bell, a former chair of the Department of Languages and Literatures who died in 1987. □



Above: Chancellor Lincoln Alexander, right, bestows University professor emeritus status on retired engineering professor John Olgivie. At right: Bonnie Smith, wife of retired animal and poultry science professor Charles Smith, accepts University professor emeritus honors on his behalf. Below: University professor emeritus Jan Jofriet, Engineering.



**SUMMIT DIRECT**
**\*\* Computers \*\* Computers \*\***

**SUMMIT PRO 1**

Mini Tower 230W	14" NI 28 SVGA
Intel Triton III/Board	104 Keyboard
256 P/L Cache	3/B Mouse
8 M/B Ram	**33.6 Data F/M**
**2G/B Hard Drive**	14 Bit Sound Card
V/C 1M/B PCI MPEG	8x CD Rom
1.44 Floppy Drive	60 Watt Speakers

**\$1399.77**

INTEGRAL PCI 100 CPU  
UPGRADEABLE TO 200CPU  
WE WOULD LIKE TO SEE YOU!  
COME ON IN!

Write this Down! This is the Best. At the Guelph University Computer Show Just for You, 20 Piece Limit!

### SUMMIT DIRECT HAWK COMPUTERS

NATIONAL DISTRIBUTOR OF COMPUTERS

**On The Last Boxing Day Summit brought to me**

**\*\*\*\*\*The Best Prices in a PC!!!\*\*\*\*\***

**1253 King St. E. #5 Kitchener, Ont. South of Ottawa on King**

**Quality with Low Price!!! 749-9555**

**VOLUME DRIVEN PRICES BECAUSE OF 15 LOCATIONS TO SERVE YOU BETTER**

# AWARDS

Kraft Canada, Inc., has provided Prof. **Doug Dalgleish**, Food Science, with \$67,568 to study "Interactions of Proteins and Formation of Structures in Emulsions Formed Using Milk Ingredients During Acidification and Heating." He will also receive \$90,388 for two years from the Dairy Farmers of Canada/NSERC for "Edible Food Packaging and Their Formation From Dairy Proteins."

Prof. **Donna Woolcott**, Family Studies, has received \$2,000 from Rainbow Programs for Children to support graduate student Jonathan Midgett.

Centro Internacional de Agricultura Tropical/CIDA has awarded \$10,000 to Prof. **David Waltner-Toews**, for a collaborative project entitled "Agroecosystem Studies."

Prof. **Rob Etches**, Animal and Poultry Science, has received \$63,640 from the University of California for the second year of his project "Recombinant Antibodies for Infant Protection."

The George Lunan Foundation awarded \$1,000 to Prof. **Frank Stark**, Sociology and Anthropology, for the second part of the project "Voices of the Poor."

The University of Minnesota awarded \$40,575 to Prof. **Gauri Mittal**, Engineering, for "Non-Thermal Pasteurization of Milk Using High-Voltage Electrical Pulses."

OVC's Pet Trust Fund has provided the following support to faculty in the Department of Clinical Studies:

■ \$2,000 to Prof. **Doris Dyson** for the project "Oxymorphone Blood Levels Determined During a Study on the Cardiovascular Effects of Epidural Bupivacaine/Oxymorphone During Halothane Anesthesia in Dogs";

■ \$2,500 to Prof. **Anne Sylvestre** for "Intraoperative Monitoring of the Facial Nerve During Total Ear Ablations in the Dog"; and

■ \$10,700 to Prof. **Tony Ogg** for his work on "The Mechanism of the Volume Expansion Effect of Recombinant Human Interleukin II Therapy in Dogs."

Svalof Weibull Seed Ltd. has awarded \$12,354 to Prof. **Laima Kott**, Crop Science, for the project "Seed Increase of Transgenic Canola." □

# Cultural studies colloquium to focus on university as public institution

The Centre for Cultural Studies/Centre d'études sur la culture will dedicate its third annual Cultural Studies Colloquium to the relationship between the academy and the public sphere. "Common Ground: Teaching, Research and the Public Sphere" runs March 13 to 27.

"The role and responsibilities of the university as a public institution are urgent topics in these times," says Prof. Christine Bold, English, director of the centre. "It's important that the various constituencies within the university keep talking about these issues together, as well as reaching out to the larger community," she says.

Opening speaker is Louise Forsyth, a professor of women and gender studies and French at the University of Saskatchewan. She has published widely on Quebec literature, feminist writing and theatre in anglophone and francophone Canada, popular literature and culture and aboriginal literature and culture.

Forsyth will speak on "Intellectuals as Common Nouns in Common Places" March 13 at 4 p.m. at the University Club. A reception will follow.

On March 18, U of G graduate Erika Shaker, an educational activist with Canadian Public Education Watch in Ottawa, speaks on "Strategic Philanthropy: School Reform on Teen Planet" at 3 p.m. in Room 309 of the MacKinnon Building.

Sociologist Dorothy Smith, head of the Centre for Women's Studies in Education at the Ontario Institute for Studies in Education, will speak March 25 at 2 p.m. in Room 103 of the University Centre. She is author of numerous books, essays and articles, including *Feminism and Marxism, The Conceptual Practices of Power and Texts, Facts and Femininity*.

The colloquium will also feature research updates from two of the collaborative, interdisciplinary

working groups in the Centre for Cultural Studies — the Cultural Memory Group (March 14 at 2 p.m. in MacKinnon 132) and the Cultural Studies Seminar on Pedagogies (March 19 at 9:30 a.m. in MacKinnon 132).

The colloquium will conclude with a panel of U of G faculty, staff and students discussing issues, questions and lessons raised during the week.

For more information, call Bold at Ext. 6315 or Susan Callan at Ext. 6049. □

# GRAD NEWS

The final examination of **Merilyn Twiss**, an M.Sc. candidate in the Department of Zoology, is Feb. 27 at 2:30 p.m. in Room 259 of the Axelrod Building. The thesis is "Preventing Lead Poisoning of Ontario's Piscivorous Birds Through Policy and Regulatory Reform." The adviser is Prof. Vernon Thomas.

The final examination of M.Sc. candidate **Karen Graham**, Zoology, is Feb. 28 at 9 a.m. in Room 259 of the Axelrod Building. The thesis is "Habitat Use by Long-Toed Salamanders at Three Different Scales." The adviser is Prof. Jim Bogart.

The final examination of **Godfried Hotsonyame**, a PhD candidate in the Department of Crop Science, is March 3. The

seminar begins at 11:30 a.m. in Room 307 of the Crop Science Building; the defence is at 2:30 p.m. in Room 302A. The thesis is "Leaf Area Development in Field-Grown Wheat." His adviser is Prof. Tony Hunt.

The final examination of **Samuel Bonti-Ankomah**, a PhD candidate in the Department of Agricultural Economics and Business, is March 11 at 9:30 a.m. in Room 370 of the Chemistry and Microbiology Building. The thesis is "Economic Analysis of Farmland Protection Policies in Ontario." The adviser is Prof. Glenn Fox.

Interested members of the University Community are invited to attend. □

## IVY GROWTH AND INCOME FUND



# A Balanced Approach. For Your Investment.

1 year	2 years	3 years	Since Inception
22.3%	22.8%	14.0%	11.3%

You want the growth potential of equities in your RRSP portfolio. But you also want income — combined with broad diversification and skilled management.

Ivy Growth and Income Fund is ideal for your needs. Over the years, managers Gerald Coleman and Jerry Javasky have proven their ability to build dependable performance to meet the times — and they're applying the same time-tested strategies to this fund.

We can confidently recommend Ivy Growth and Income Fund and its total return approach to investing for your investment — one that seeks to build better results while protecting your retirement investment.



## DENIS FINANCIAL SERVICES

Robert and Mariette Denis  
(519) 821-8246 / (519) 836-8807  
Mutual Funds Licensed with Miles Santo and Associates Ltd.



Invest Wisely: Important information about this mutual fund is contained in the simplified prospectus. Investors should obtain a copy from their investment advisor and read it carefully before investing. Returns to December 31, 1996 are historical annual compounded total returns including charges in unit value and reinvestment of all distributions, and do not take into account sales, redemption or optional charges payable by an investor which would have reduced returns. When purchasing mutual funds, investors should be aware that: \*mutual fund investments are not guaranteed; \*unit values and investment returns will fluctuate over time; and \*past performance does not assure similar future returns. Mackenzie has agreed to pay part of the cost of this advertisement.

**Mackenzie**  
Building Financial Independence

# COMPUCENTRE®

Sales  
Systems  
Software  
Service  
Smiles



University of Guelph

Level 1 MacNaughton Bldg  
Phone : (519) 767-5064  
Fax : (519) 823-8977  
U/G ext : 5064

Stone Road Mall

Phone : (519) 763-3306  
Fax : (519) 763-3962  
BBS : (519) 763-9044

GUARD

Extended Warranty Available  
On This Product

COMPUCENTRE  
Take it home today!  
CONSUMER SERVICE  
1-800-368-8888

Ask About Academic Pricing

## Campaign to raise racism awareness

U of G will stage a racism awareness campaign March 17 to 28 in recognition of the International Day for the Elimination of Racial Discrimination March 21. The theme of the campaign is "Resist Racism: You Are the Solution!"

Highlights of the campaign will include a panel presentation, workshops, resource fair and the distribution of educational posters, buttons, stickers and resource materials, aimed at heightening the University community's

awareness of Guelph's institutional commitment to eliminating racism.

The campaign is designed to provide opportunities for members of the University to increase their knowledge of what can be done to create an environment for working, living, learning, teaching and research that is respectful of diversity and free from discrimination.

This campus-wide initiative is part of the Human Rights and Equ-

ity Office's community-wide education program. Many constituents of the University have joined the office to sponsor the educational activities. Sponsors include the associate vice-president (academic) and registrar, the College of Arts, FACS, CPES, the College of Social Science, OAC, OVC, Graduate Studies, Hospitality Services, Human Resources, Student Affairs, the president's office and Security Services.

Other community members involved in the planning committee include the Asian Women's Collective, Central Student Association, Guelph Queer Equality, Interhall, the international student adviser's office, Men Against Violence, the Munford Centre, Onward Willow, OUTLine, Raithby House, Student Health Services, Student Housing, the Wellness Centre and the Women's Resource Centre.

Other members of the University community are considering their involvement in the campaign.

For more information about the campaign or to become involved, call the Human Rights and Equity Office at Ext. 3000. □

## Lectures series to celebrate diversity

The Human Rights and Equity Office is launching a lecture series on "Celebrating Diversity" this month as part of its community-wide education program.

The series kicks off Feb. 27 with Cecil Foster, one of Canada's most respected writers on race relations. Foster is a journalist who contributes to the *Globe and Mail*, *Toronto Star*, and *Toronto Life* magazine and appears on CBC radio's *Morningside* political forum. He also hosts the show *Urban Talk* on CFRB Radio.

In addition, Foster is author of *A Place Called Heaven, the Mean-*

*ing of Being Black in Canada, Caribana: The Greatest Celebration* and two novels, *No Man in the House* and *Sleep On, Beloved*.

Foster will speak at 6 p.m. at the Whippetree. A reception will follow.

The lecture series will continue March 19 with Alan Borovoy, general counsel of the Canadian Civil Liberties Association, and April 2 with Roberta Jamieson, ombudsman of Ontario.

For more information, call the Human Rights and Equity Office at Ext. 3000. □

## Chicago economist to give Winegard lecture

The College of Social Science continues its series of Winegard visiting professor lectures next week with Sherwin Rosen, a professor of economics at the University of Chicago.

He will give a public lecture on "The Structure of Production in the Welfare State" March 6 at 4 p.m. in Room 121 of the MacNaughton Building. A reception will follow at the Whippetree.

A graduate of Purdue University and the University of Chicago, Rosen has been teaching at Chicago since 1977 and is currently the Edwin A. and Betty L. Bergman Distinguished Service

Professor. He has been editor of the *Journal of Political Economy* since 1986 and has served on numerous U.S. panels and committees. He is also a fellow of the American Academy of Arts and Sciences.

The Winegard visiting professor program is named for former U of G president Bill Winegard and is supported by the Alma Mater Fund through alumni donations.

The College of Social Science series concludes with a visit March 31 to April 4 by Warren Moran, a geography professor at the University of Auckland. □

## NRC supports women in science and engineering

An information session will be held March 12 for students interested in the National Research Council's training program for women in science and engineering. Because of the highly competitive nature of the program, all interested students are urged to attend the session, which begins at 4:10 p.m. in Room 441 of the University Centre.

Designed to encourage Canadian women to further their studies in non-traditional science and engineering fields, the program provides financial aid and hands-on experience working in NRC laboratories and/or with NRC partner organizations on collaborative projects. Successful applicants who continue to meet the program's eligibility requirements receive training and finan-

cial support of \$10,300, \$11,000 and \$13,000 during their second, third and fourth years of university.

The competition is open to all women who are Canadian citizens or permanent residents of Canada and who attend a university in this country full time. They must be completing the first year of an undergraduate science or engineering program where women are traditionally under-represented.

Each university can nominate up to three applicants for the training program. In 1996, two Guelph students were among the 25 successful applicants nationally. Over the past four years, 10 U of G students have been selected for the program. □

## TSS offers training in multiple choice, Web

Teaching Support Services is offering sessions on multiple-choice evaluation and Web-based learning in the arts and humanities next month.

Prof. Jim Mottin, Psychology, will lead a two-part workshop on "The A, B, C (and D & F)'s of Evaluation: Principles of Validation for Multiple-Choice Examinations" March 11 and 18 from 9:30 to 11 a.m. in Room 125 of Day Hall.

Participants are asked to bring to the first session examples of questions that could be converted to the multiple-choice format or examples of multiple-choice questions they wish to have considered for evaluation.

On March 4, two College of Arts faculty will discuss their ex-

periences with Web-based learning from 11:30 a.m. to 12:50 p.m. in Day Hall 125.

Prof. Gil Stelter, History, will explain the course Web site "Reading a Community: Urban History at the Local Level," which can be accessed at <http://www.uoguelph.ca/history/urban>.

html. Prof. Mary Woodside, Music, will present the computer program "MusicLab," which is used in conjunction with two musicianship courses.

To register for these workshops, call Helen Martin at Ext. 2973 or send e-mail to [hmartin@tss.uoguelph.ca](mailto:hmartin@tss.uoguelph.ca). □



Ronald S. McCormick  
President

### Vacationers House Care

"The company with seasoned police experience and the lowest rates. Pets too."

Donald L. Pearson  
Associate Partner

(519) 821-2676



George A. Paterson  
Senior Partner

Home Cleaning Since 1988  
WHITE GLOVE SERVICE



**Personal Home Cleaning**

Before there were cleaning "teams" or cleaning "systems" there were personal home cleaners.

- ◆ Old Fashioned Cleaning
- ◆ Same Cleaner each time

The next time you go away...  
Leave your pets, plants & Home to the Bonded Professionals

1-800-663-9990

WORRY FREE VACATIONS

THE HOUSESITTERS

HOUSESITTING • PETSITTING  
HOME-CLEANING SPECIALISTS

K-W—GUELPH—CAMBRIDGE



## GUELPH POULTRY MARKET

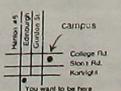
We offer a tasty variety of wholesome foods,  
all carefully prepared in our kitchen.  
Stop in for convenient, nutritious supper ideas.  
The perfect solution to  
your hectic schedule.

### GUELPH POULTRY MARKET

Kortright just off the Hanlon  
Kortright Plaza

763-2284

Mon.-Wed.	9-6
Thurs.-Fri.	9-8
Sat.	9-5
Sun.	Closed



## Attention U.S. Expatriates Working in Canada

Let's face it, taxes can be a real problem—especially when you are required to file both a U.S. and Canadian personal income tax return. Not only can they take a big bite of your personal income in the short-term, but they can also undermine your long-term financial goals.

We at BDO Dunwoody in Orangeville have the expertise to tackle complex cross-border and relocation income tax issues and the U.S. and Canadian experience necessary to advise you on the big picture. Jay Hurchison, C.A., M.Acc. is available to advise you on these matters and provide you with the personal professional service that BDO Dunwoody is famous for. Please telephone or email Jay today for further assistance with regard to your particular situation.

BDO Dunwoody is Canada's seventh largest accounting and consulting firm and is a member of the international accounting and consulting firm, BDO Binder, with representation in over sixty countries.



**77 Broadway Avenue  
Orangeville, Ontario L9W 1K1**  
Tel: (519) 941-0681  
Fax: (519) 941-8272  
Email: [jayhutch@headwaters.com](mailto:jayhutch@headwaters.com)



**BDO Dunwoody**  
Chartered Accountants

# Community

## NOTICES

### Campus Days

U of G's Campus Days run March 12 and 13. The days are designed to give high school applicants to Guelph a chance to ask questions, seek advice and learn about the University.

### Brahms Requiem

The U of G Choir and Guelph Chamber Choir will perform the Brahms *Requiem* March 22 at 8 p.m. at Church of Our Lady. Tickets are \$15 and \$12 and are available at the door, from the UC box office or by calling Ext. 6580.

### The art of pruning

The Arboretum presents a half-day indoor/outdoor workshop designed to teach the principles of easy and correct pruning in the home garden March 13 or 15. An information booklet will be available. Registration and payment of \$25 are required by March 6.

### Top teachers sought

Nominations are being sought for the 1997 3M Teaching Fellowships. The awards are presented each year to up to 10 faculty from Canadian universities for excellence in teaching over a number of years, principally at the undergraduate level, and for commitment to the improvement of university teaching. Nomination deadline is May 16. For an application form, call Helen Martin in Teaching Support Services at Ext. 3106 or send e-mail to hmartin@tss.uoguelph.ca.

### Experiences abroad

U of G students who have studied abroad will discuss their experiences at two sessions next week. Students who have studied in Moscow will speak March 3 from 12:30 to 2 p.m. in Room 103 of the University Centre. Two students who participated in the Central and East European Studies Program of the Prague University of Economics will speak March 4 at noon in Room 441 of the University Centre.

### Bach mass

The Elora Singers perform Bach's "Mass in B minor" March 16 at 3 p.m. at the Church of Our Lady. Soloists are Leslie Fagan, Meredith Hall, Daniel Taylor, Scot Weir and Daniel Licht. Tickets are \$20 and \$18 and are available at the Carden Street Music Shop.

### Catch the fever

Blue Tiger Productions presents Wallace Shawn's dramatic monologue, *The Fever*, March 4 to 8 at 8 p.m. at Artisans on Douglas. Tuesday's performance is pay what you can; tickets for Wednesday to Saturday are \$5 and available at the Bookshelf.

### International development

The Guelph local committee of World University Service of Canada is sponsoring a "Working in Development" conference March 1 in the MacKinnon Building red lounge. The day will feature pres-

entations and opportunities to meet with representative of development organizations. Cost is \$5, which includes lunch if pre-registered. For more information, call Ext. 78861 or send e-mail to msgill@uoguelph.ca.

### Wine gala

The Edward Johnson Music Foundation will hold its second annual fund-raising wine gala April 12 at 6:30 p.m. at the Cuten Club. The evening will feature wine tasting, silent and live auctions, entertainment and a buffet. Tickets are \$75, of which \$50 is tax-deductible. For information, call 821-3210.

### Celebrate Mardi Gras

The Royal City Spiral Club and Canadian Mental Health Association are staging a Mardi Gras jazz night Feb. 27 at the club. Music is by Parker Thomas Jazz. Admission is \$5 at the door, with all proceeds going to the association.

### March Break drama

Graphic Mime Theatre is running a one-week session on physical theatre for children aged seven to 14 March 10 to 14. Topics include mime, creative movement, improvisation, storytelling, drumming and voice. Cost is \$85. For more details, call Stephen La Frenie at 837-3267.

### Choirs to perform

Guelph Children Singers and the Guelph Chamber Choir join voices for a concert March 2 at 3

p.m. at Holy Rosary Church on Emma Street in Guelph. Commentary is by Peter Togni, host of CBC's *Stereo Morning*. Tickets are \$15 and \$12 and are available at the door or by calling Ext. 6580. Children under 12 will be admitted for \$2 at the door.

### On stage

Guelph Little Theatre presents *The Diary of Anne Frank* Thursday to Saturday Feb. 27 to March 15. For ticket information, call 821-0270.

### In the garden

Guelph and Wellington County Master Gardeners will hold a garden conference focusing on "A Day in the Garden" April 6 from 10:30 a.m. to 3:30 p.m. at the Guelph Turfgrass Institute. Tickets are \$25 and include lunch. To reserve a place, call Judith Renaud at 836-7537.

### Rural futures

The Ontario Ministry of Agriculture, Food and Rural Affairs is hosting Rural Futures '97 March 6 and 7. With the theme "Collaborating for Global Sustainability," the session will feature workshops on agriculture, communication for development, community building and the development of women. Cost is \$85 before Feb. 28, \$100 after. Student rates are \$45 and \$60. For more details, call Ext. 6239, send e-mail to rfutures@tdg.uoguelph.ca or check out the Web site [http://tdg.uoguelph.ca/rural\\_futures](http://tdg.uoguelph.ca/rural_futures).

### Commonwealth awards

The 1996-98 list of Commonwealth university awards for faculty, postdocs and graduate students is available in the Info-Centre at the Centre for International Programs (CIP) on Level 4 of the University Centre, as is a publication listing awards for university administrators and librarians. CIP has also received the 1997 Microfund and Tier 2 guidelines. For a copy in WP6.1, bring or send a disk to Jan Walker.

### The Russian link

The two-part course "Russian Thought and Culture" will be offered in the fall and winter semesters at U of G through the Guelph-Waterloo electronic link. Students can take either part or both parts. There are no prerequisites. For more information, call Prof. Fred Eidlin at Ext. 3469.

### Program extended

The Grow Ontario Investment Program will have another competition deadline March 15. Applications are available in the Office of Research, outside Room 224 in the Reynolds Building. For more details, call 826-3522.

### Black history

The Guelph Historical Society meets March 4 at 8 p.m. at St. Andrew's Church. Guest speaker is Laurence Grant, director of Guelph Museums, who will discuss "Black History in Guelph and Wellington County." □

## CLASSIFIEDS

### FOR SALE

Three-bedroom townhouse, 1,076 square feet, two baths, newer flooring and carpet throughout, professionally finished rec room, new three-piece bath, parking, close to shopping, fridge and stove included, Lynn, Ext. 4803 or John, 767-0451.

Three-bedroom home in Riverside Park area, mature property, beautifully landscaped, garage, fireplace, Jacuzzi tub, Beckermann kitchen, fenced yard, Robert, 821-7233.

Three-bedroom, two-storey, well-maintained home, 1,100 square feet, sliding doors from kitchen to deck and patio, large fenced yard, finished basement with woodstove, forced-air gas, close to schools and parks, 822-0826.

White metal frame bunkbed, one mattress, excellent condition, 836-2467 after 6 p.m. or send e-mail to jlawlor@ovcnet.uoguelph.ca.

Portable stacking washer and dryer, good condition, Ross, Ext. 2532 or 824-3356.

Persian carpets: Torkaman, cream/burgundy, four by six feet; Isfahan, royal blue/red, five by seven feet, 822-6645.

### FOR SALE

Apartment-sized piano, 821-2133.

Fujicolor 100 and Fujicolor 400, 10 rolls of each, still boxed and shrink-wrapped, best offer, 836-0164.

Freezer, seven-cubic-foot, white, good condition; man's bicycle, 836-0259.

RBM computer monitor, 14-inch 256-color VGA, best offer, Matt, 823-8745 or send e-mail to mwhit00@uoguelph.ca.

Computer, 286 with 40-meg hard drive, VGA monitor, Logitech mouse, 101 keyboard, 5 1/4" and 3 1/2" high-density drives, Packard Bell chrome monitor, Robert, 837-1698.

### WANTED

Professor from Australia seeks furnished accommodation for family of four for April 25 to the end of June, Marilyn, Ext. 4800.

Youth's skis and bindings, must be in good condition and reasonably priced, 836-2467 after 6 p.m. or send e-mail to jlawlor@ovcnet.uoguelph.ca.

Two-seater sports car, good condition, Robert, Ext. 4667.

### WANTED

Three- or four-bedroom home to rent for mature family, preferably in the south end, immediate availability, 836-8875.

### AVAILABLE

Experienced tutor will train first-time learners in basic keyboarding, WordPerfect 6.1, Microsoft Word, Excel and PowerPoint, day and evening lessons available, 821-9192.

Body sugaring, an alternative method to waxing in facial and body hair removal, demonstration available, Eleanor, 822-8474.

### FOR RENT

Room to rent, three-piece bath, walk-in closet, separate entrance, backyard with deck, shared kitchen with all amenities, on bus route, 10-minute walk to downtown, available March 1, rent negotiable, 822-9851 after 5 p.m. or send e-mail to sbissocho@psylab.css.uoguelph.ca.

Room, use of kitchen, laundry, cleaning provided, close to shopping and bus route, female preferred, \$450 a month, 821-8691 after 5 p.m.

### FOR RENT

Shared accommodation available in Exhibition Park area, March 1 to June 1997, \$400 a month plus utilities, Sheila, Ext. 6914 or 824-7230.

Two-bedroom apartment, ceramic-tile foyer, hardwood floors, fully equipped kitchen, television/VCR, sound system, Jacuzzi ensuite off master bedroom, accommodation available nightly, weekly or monthly for visiting executive guests or friends of University staff, Carol, 821-5977 or 823-1857.

## WORSHIP

Womanspirit, a spirituality circle for women, meets Fridays at 11:30 a.m. in Room 533 of the University Centre.

Roman Catholic Eucharist is held Sundays at 10:10 a.m. in Thornbrough 100.

Muslim worship services run Fridays at 1 p.m. in UC 533.

The Open Door Church of non-denominational worship is offered Sundays at 7 p.m. at Harcourt United Church, 87 Dean Ave.

The ecumenical campus minis-

Furnished three-bedroom home in University area, family room, fireplace, suit visiting faculty or professionals, available May 1997 to April 1998, \$1,300 a month plus utilities, 824-1983, fax 766-0844 or send e-mail to pbrigg@uoguelph.ca.

Four-bedroom house, landscaped perennial gardens, three bathrooms, fireplace, available August 1997, \$1,600 a month plus utilities, 763-2334.

try is running a study group to discuss the book *Meeting Jesus Again for the First Time* Wednesdays from 12:30 to 1:30 p.m. in UC 334.

The Guelph Unitarian Fellowship at 122 Harris St. meets Sundays at 10:30 a.m. March 2 is a "Sharing Our Faith" service facilitated by Burma Wilton. On March 9, Beryl Baylis discusses "The Delicate Fruit of Ignorance — Considerations of the Examined Life." □

# CALENDAR

## THURSDAY, Feb. 27

**Pathobiology Seminar** - Graduate student Marco Schito discusses "Non-Specific Immune Responses and Mechanisms of Resistance to Infections With *Eimeria papillata* in Mice" at 11:30 a.m. in OVC 1713.

**History Seminar** - "Elsebeth Seath, Alison Dick and Others: The Witch Hunt in Fife, Scotland" is the topic of Stuart McDonald of Knox College at noon in MacKinnon 233.

**Concert** - Flutist Rosemary Parks and pianist Beth Ann De Sousa perform at 12:10 p.m. in MacKinnon 107.

**Plant Biology Council Seminar** - University of Toronto botanist Robin Cameron explains "Arabidopsis: A Useful Tool for Elucidating the Molecular Mechanisms That Contribute to System-Acquired Resistance" at 3:30 p.m. in Axelrod 117.

**Lecture** - "Celebrating Diversity" is the theme of a lecture series sponsored by the Human Rights and Equity Office. Kicking off the series is journalist Cecil Foster, who will speak at 6 p.m. at the Whippletree.

## FRIDAY, Feb. 28

**Biomedical Sciences Seminar** - Graduate student Mussaddin Kamaruddin discusses "Immunolocalization of Hsp70 in Bovine Spermatozoa" at 12:30 p.m. in OVC 1642.

**Economics Seminar** - Klaus Conrad of the University of Mannheim and Toronto discusses "Energy Tax and Competition in Energy Efficiency: The Case of Consumer Durables" at 3:30 p.m. in MacKinnon 238.

**Evolution and Systematics Seminar** - "Convergent Evolution of Hermaphroditism in Teleosts: Causes and Implications" is the focus of Kathleen Cole of Bishops University at 3:30 p.m. in Axelrod 259.

## SATURDAY, March 1

**Arboretum** - Maple Syrup Days begin with a pancake breakfast at 9 a.m. at the Arboretum Centre. The day continues with puppet shows, tastes of maple syrup, guided tours of the sugar bush and demonstrations of tapping and sap collecting. Cost is \$2.50 for adults, \$1.50 for children under 12. Breakfast is \$2, \$5 for a family. Call Ext. 2113 for more information.

**Theatre in the Trees - Weekend Comedy** by Jeanne and Sam Bobrick continues at 8 p.m. at the Arboretum. Doors open at 6 p.m., with a buffet at 6:30 p.m. Tickets are \$45. Call Ext. 4110.

## SUNDAY, March 2

**Arboretum** - Maple Syrup Days continue from 11 a.m. to 4 p.m.

## MONDAY, March 3

**Human Biology/Nutritional Sciences Seminar** - Soren Kristiansen of the Hospital for Sick Children explains "Glucose Transport and Glucose Transporter (GLUT4) Translocation in Skeletal Muscle" at 10 a.m. in Animal Science/Nutrition 141.

## TUESDAY, March 4

**Our World** - "Environmental Awareness at the Community Level: Comparative Research in Costa Rica and Newfoundland" is the topic of Valerie Green at 11:30 a.m. in UC 334.

**Loaves and Fishes Seminar** - Henry Schwarcz of McMaster University talks about "Winter Biology of Fishes" at 12:30 p.m. in Axelrod 168.

## WEDNESDAY, March 5

**Third Age Learning** - The lecture series for retired people continues with retired English professor John Bligh examining "Religion and Violence" at 10 a.m. and Gordon Greene, former dean of music at Wilfrid Laurier, discussing "In Jazz, Folk Music and the Future" at 1:30 p.m. Lectures are at the Arboretum Centre.

**Biochemistry Seminar** - "Drosophila Meets Lou Gehrig: SOD Mutations, Reactive Oxygen and Neuropathology" is the focus of Prof. John Phillips, Molecular Biology and Genetics, at noon in MacNaughton 222.

**Zoology Seminar** - Nick Collins of the University of Toronto examines "Predation Risk, Habitat Complexity and Fish Behavior" at 4:10 p.m. in Axelrod 265A.

**Sigma Xi Lecture** - Prof. Frank Hurnik examines "Agroethics - Fashion or Necessity" at 4:10 p.m. in OVC 1714.

## THURSDAY, March 6

**Pathobiology Seminar** - Graduate student John Derksen discusses "The Effects of Dissolved Oxygen and Hydrogen Peroxide Treatment on the Particle Clearance Capacity of Rainbow Trout Gills" at 11:10 a.m. in Pathology 2152.

**Meet the Researcher** - "Physiology of Gastrointestinal Melatonin" is the topic of Prof. George Bubenik, Zoology, at 2:30 p.m. in Central Animal Facility 108.

**Plant Biology Council Seminar** - Graduate student Chris Marwood examines "Sun, Sand and Creosote-Contaminated Water" at 3:30 p.m. in Axelrod 117.

**Winegard Lecture** - Economist Sherwin Rosen of the University of Chicago speaks on "The Structure of Production in the Welfare State" at 4 p.m. in MacNaughton 121.

**Music Seminar** - Susan Fast of McMaster University examines "Days of Future Passed: Rock, Pop and the Yearning for the Middle Ages" at 4 p.m. in MacKinnon 203.

## FRIDAY, March 7

**Biomedical Sciences Seminar** - Graduate student Jennifer Bond discusses "Thrombospondin and Its Role in Ovarian Growth Regulation" at 12:30 p.m. in OVC 1642.

## SATURDAY, March 8

**Arboretum** - Maple Syrup Days continue from 11 a.m. to 4 p.m.

**Concert** - The Andrew Klachn Quartet performs at 8 p.m. at the

Macdonald Stewart Art Centre. Tickets are \$10 general, \$6 for seniors and students, and are available from the Department of Music.

**Theatre in the Trees - Weekend Comedy** continues at 8 p.m. at the Arboretum. Doors open at 6 p.m., with a buffet at 6:30 p.m. Tickets are \$45. Call Ext. 4110.

## SUNDAY, March 9

**Arboretum** - Maple Syrup Days continue from 11 a.m. to 4 p.m.

## MONDAY, March 10

**Human Biology/Nutritional Sciences Seminar** - Margaret Behme of the University of Western Ontario explains "Glucagon-Like Peptide-1 and Glucose Metabolism" at 10 a.m. in Animal Science/Nutrition 141.

## TUESDAY, March 11

**Arboretum** - Maple Syrup Days continue from 10 a.m. to 3 p.m. daily until Friday.

**Our World** - "Nigerian Women's Involvement in MOSOP" is the topic of Diana Barikor Wiwa at 12:30 p.m. in Animal Science 141.

**Loaves and Fishes Seminar** - Economics graduate student Stephan Schott talks about "Community Resource Management in Fisheries" at 12:30 p.m. in Axelrod 168.

## WEDNESDAY, March 12

**Zoology Seminar** - Brock Fenton of York University examines "Bats and Bureaucrats: Canadian Biology" at 4:10 p.m. in Axelrod 265A.

## THURSDAY, March 13

**Concert** - Trichy Sankaran, Tabla & Friends perform at 12:10 p.m. in MacKinnon 107.

**History Seminar** - "Qualities of Mercy: Historical Perspectives on Discretionary Justice" is the focus of Carolyn Strange of U of T's Centre of Criminology at 12:30 p.m. in MacKinnon 237.

**Music Seminar** - Trichy Sankaran of York University discusses "South Indian Drumming" at 2:30 p.m. in MacKinnon 203.

**Meet the Researcher** - Graduate student Brendan McKeown, Molecular Biology and Genetics, considers "'Knockout' Mice and Their Use in Research" at 2:30 p.m. in Central Animal Facility 108.

**Cultural Studies Colloquium** - Louise Forsyth of the University of Saskatchewan examines "Intellectuals as Common Nouns in Common Places" at 4 p.m. in the University Club. A reception follows.

### FOR RENT

Puslinch lakeside cottage at quiet area, McCormick's Points. Sleeps four. Tennis court. May 1 to Labour Day. No pets. \$800 a month plus hydro. 658-4876

## EMERGENCY CLEANING

WATER ♦ SMOKE ♦ FIRE ♦ VANDALISM

- Prompt service will minimize damage
- We work with you and/or your insurance company

All that remains is the memory



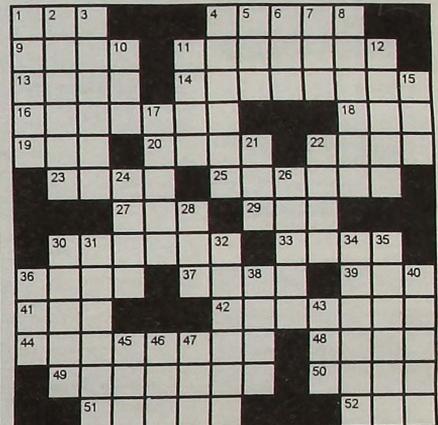
24 HOUR SERVICE

836-7340



Valerie Poulton

## Canadian Criss Cross by Walter D. Feener

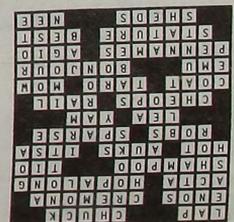


### ACROSS

- Racecourse circuit
- Throw away
- Eve's grandson
- Violin city
- Court proceedings
- Cowboy Cassidy
- Clean rugs
- Uncle: Sp.
- Currently very popular
- Dovekies
- "Wonderful Life"
- Burglaries
- Few and far between
- Grassy field
- Sweet potato
- Pyramid builder
- Racetrack fence
- Paint layer
- Poi source
- Cut grass
- Cassowary bird
- Good day in Avignon
- Noms de plume
- Exchange fee
- Height
- Second to none
- Storage

### DOWN

- Brace and a half
- News commentator
- Brown-skinned tuber
- Shepherd staffs
- Drill sergeant's shout
- Actress Thurman
- Mountain pass
- "Andy Griffith" actor
- "Cheers" character
- Third Chinese dynasty
- Flavoring seed
- Tibetan antelope
- Evening stroll
- "I \_\_\_\_" (Cosby show)
- "La Douce"
- Fruit decay
- Home run king
- Quick to learn
- Arrives
- Cavalry swords
- "Cymbeline" heroine
- Alberta Lake
- Edible mushroom
- Abie's love
- Corresponded with
- Quick punch
- Negative reply
- Corroded
- Defamatory remarks



## CANVISION OPTICAL

666 Woolwich Street, Guelph

Largest selection of Quality & Designer frames in the area: Polo, Gucci, Christian Dior, Safilo, Giorgio Armani & More!

766-7676



**HomeLife Realty (Guelph) Ltd.**

1027 Gordon St., Guelph, Ont. N1G 4X1  
Office: 519-836-1072  
Fax: 519-836-3903



**R.R. 1 - \$425,000**

South of Guelph, 47 acre estate with a very comfortable modern home, fully finished top to bottom (2,300 sq. ft., not including basement). Large accessory building is ready for your family-operated business.

Call Ivan or Tom Kukovica  
836-1072



**76 Youngman - \$199,500**

2,000 sq. ft. brick 2 storey with Brombal upgrades, including 2x6 construction, plywood sub floors, large casement windows, high efficiency furnace, Barzotti kitchen with pantry.

Call Ray Lang  
836-1072



**120 Oxford St. - \$194,900**

Prestigious neighborhood. Steps to downtown! 2,150 sq. ft. older two-storey with loads of charm and character. Newer oak eat-in kitchen with centre island, main floor family room and formal living room. Spacious master bedroom with dressing room and ensuite, 2nd bedroom with den, 3rd bedroom plus sunroom, walk out to beautiful fenced yard with 4-year-old kidney shaped pool and gardens.

Call Jim Murphy or Diane Sorbora  
836-1072



**302 College Ave. W. Unit 177 - \$133,900**

Steps to university! Four level townhouse with three bathrooms, large eat-in kitchen and living room with gas fireplace. Three bedrooms plus finished rec room, gas heat, water softener. Includes 5 appliances. Attached garage.

Call Jim Murphy or Diane Sorbora  
836-1072



**808 Watson Rd. - \$228,000**

Charming brick farmhouse in very good condition. Huge family room, 4 bedrooms, partly finished attic, full basement with walkout, gas heat. One acre property has the best view in Arkel.

Call Tom or Ivan Kukovica  
836-1072

**Onward Computer Systems**

35 Harvard Rd. Unit 25 Campus Estates Plaza

Tel: 836-9001

FAX: 836-9235

**Onward Computer Systems**

Pentium 120	\$ 1199.
Pentium 133	\$ 1225.
Pentium 150	\$ 1275.
Pentium 166	\$ 1498.
Pentium 200	\$ 1850.

\*P166 & P200 include 512K Cache  
Supports Pentium 75 to 200Mhz  
Supports P6 Technology  
On Board EIDE w/16550 I/O & ECP/EPP  
Supports Mode 3/4 IDE  
Flash Bios / Intel Chipset  
256 KB Pipeline Burst Cache  
16 MB EDO RAM  
1.2 GB Hard Drive  
1.44 MB 3.5" Floppy Drive  
PCI 1 MB SVGA Win Acc Video Card  
14" 28 NI SVGA Colour Monitor  
Mini Tower Case  
104 ENH Keyboard & Mouse  
2 yrs Paris and Labour Warranty

ADD MS WIN 95 CD ROM \$ 145.

**Memory**

4 MB 72 pin SIMM	\$ 29.
8 MB 72 pin SIMM	\$ 59.
16 MB 72 pin SIMM	\$ 115.
32 MB 72 pin SIMM	\$ 220.
4 MB 30 pin SIMM	\$ 55.
16 MB 30 pin SIMM	\$ 135.

**Hard Drives / FAX Modems**

1.2 GB Hard Drive	\$ 289.
2.1 GB Hard Drive	\$ 369.
3.2 GB Hard Drive	\$ 449.
33.6 Int Voice	\$ 139.
33.6 Int. US Robotics	\$ 199.
33.6 Int. USR Phone	\$ 235.

**Upgrade Your Current System**

Upgrade to Pentium 120	\$ 395.
Upgrade to Pentium 133	\$ 445.

\* Prices include Motherboard, CPU, Cache and Installation of these parts

**Educational Software**

MS Office '97 Std W95 Edu	\$ 189.
MS Office '97 Pro W95 Edu	\$ 230.
Corel WP Suite 7 W95 Edu	\$ 35.
Corel Office 7 Pro W95 Edu	\$ 95.
Corel Draw 7 W95 Edu	\$ 115.

Many other application packages are also available with educational pricing, ask for details

**Multimedia**

8X Internal CD-ROM	\$ 145.
12X Internal CD-ROM	\$ 179.
8X Multimedia Kit*	\$ 210.
12X Multimedia Kit*	\$ 235.

\* Kit includes CD-ROM, 16 bit sound card and speakers.

**Campus Estates Plaza**

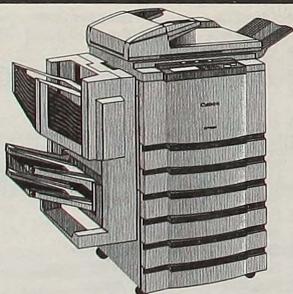
35 Harvard Rd. Unit 25 Guelph

Mon-Fri. 9:30 to 6:00 Sat: 10 to 4

IF YOUR DEPARTMENT IS PLANNING ON PURCHASING NEW COMPUTER SYSTEMS, PLEASE ASK ABOUT OUR UNIVERSITY OF GUELPH SYSTEMS CONTRACT PRICING!!!



**NOW AVAILABLE** University of Guelph Systems Contract Pricing Web Page  
ADDRESS = 207.34.119.245/GUELPH/



**Canon connects you to total network document processing.**

**CANON CONNECTS** you to printing, faxing, scanning and copying from virtually every desktop.

Completely compatible with your existing network, the affordable GP200 and GP200F Digital Imaging Systems are ready to handle your document processing needs now and into the future.\* Their modular design lets you increase their power as your needs expand.

And when you see the quality of the high-resolution 600 x 1200 output and experience the ease of managing these systems on your network, you will appreciate the clear technological superiority of the GP200 and GP200F. Call us about the new Canon GP200 and GP200F. See how you can connect with total document management power.

\*Optional equipment required.

**Canon GP200F**

**GUELPH BUSINESS MACHINES LIMITED**

350 SPEEDVALE AVE W # 4

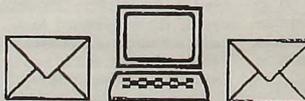
824-3200

Serving the University of Guelph for over 30 years.

**Royal City Travel**

Inc.

*To serve you even better*



E-mail us at [res@royalcitytravel.com](mailto:res@royalcitytravel.com)

- ✓ Free Ticket & Brochure Delivery to all U of G Departments
- ✓ Corporate Rate Hotel Program
- ✓ Corporate Rate Car Rentals
- ✓ Corporate Management Reports
- ✓ Customer Care Program  
"Travellers 24 Hour Emergency Service"
- ✓ Senior Corporate Consultants
- ✓ A Full Service American Express Travel Agency

[res@royalcitytravel.com](mailto:res@royalcitytravel.com)

**763-3520**

Royal Plaza (Paisley and Norfolk)



**Travel Agency**

Representative

ONT. LIC. #2716341