

FIRST GLANCE

China honors crop scientist

Retired crop science professor Ed Gamble will receive China's Friendship Award, the highest honor the country bestows on foreigners, Sept. 28 in the Great Hall in Beijing. The award recognizes contributions to China's social development and economic construction. Gamble worked on improving wheat yield in Heilongjiang from 1990 to 1992.

Student meeting set

Students are invited to an open meeting Sept. 27 to respond to the Strategic-Planning Commission's reports on "Framing the Choices," course/credit for graduation and the semester system, as well as reports from the Academic-Planning Committee. The meeting runs from 5 to 7 p.m. in Room 103 of the University Centre. The reports are available at the library reserve desk or on GRIFF.

On stage

The Arboretum will raise the curtain Oct. 1 on a fundraising dinner theatre production. The gala evening features a three-course meal and the Theatre Downstairs production of *The Marriage-Go-Round*. Tickets are \$100, with a tax receipt issued for \$50. Call Ext. 4110 to reserve a table.

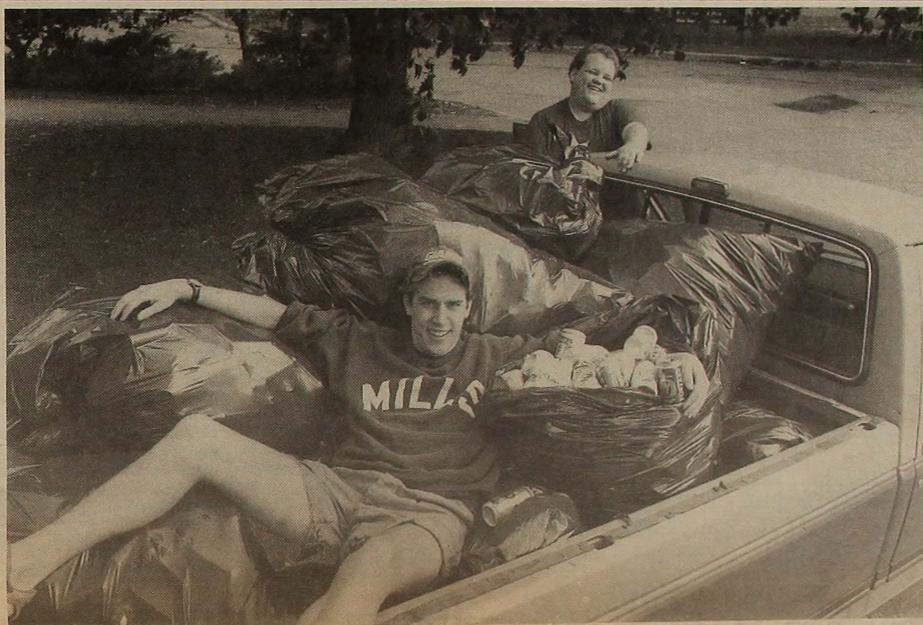
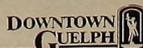
Inside:

- Aquatic sciences facility receives \$50,000 . . . 3
- United Way campaign shoots for \$170,000 . . . 3
- AIDS researcher gives Schofield Lecture . . . 5
- Cat got your goat? . . . 8

Thought for the week

*Nature is often hidden,
sometimes overcome,
seldom extinguished.*

Francis Bacon



It's in the can!

Andrew "Hoover" Daw, athletics director for Mills Hall, front, takes a break from loading thousands of cans collected through the hall's fall can drive. At back is hall president Bob Dehu, who predicts the effort will raise about \$600 for the Big Brothers Association.

Photo by Maurice Oishi, University Communications

OCUA proposals 'a threat' to universities

by Sandra Webster
University Communications

U of G is preparing a terse response to the Ontario Council on University Affairs (OCUA) discussion paper on a review of the formula used to fund Ontario universities.

The proposals contained in the paper are viewed by universities across the province as a way for the government of the day to centrally direct the academic mix and focus of postsecondary educational institutions by determining the basis for how funds are directed to them for teaching and research.

Guelph's response will be presented to OCUA at a campus hearing Oct. 13.

The discussion paper, "Sustaining Quality in Changing Times: Funding Ontario Universities," is included with most copies of *At Guelph* distributed on campus. Other readers can pick up a copy at the *At Guelph* distribution boxes in the University Centre or

from University Communications on Level 4 of the UC.

The University community is encouraged to read it and respond to OCUA by Sept. 26 and to attend the campus hearing, which will be held in the Eccles Centre. Time is to be announced.

President Mordechai Rozanski met with the Senate Committee on University Planning and Consultative Forum Sept. 13 to gather support for presentations by the various bargaining groups and associations at the hearing. A second joint meeting is planned for Sept. 21 to consider the University's response to the council. Rozanski was also to address Senate Sept. 20 on the issue and he plans to brief Board of Governors Sept. 29.

The OCUA review, called for last November by Minister of Education and Training Dave Cooke, is examining how the government allocates almost \$1.8 billion in annual operating grants to Ontario universities and colleges.

The report says universities are facing many pressures:

- Demand for undergraduate student places is expected to increase by 19 per cent by the end of the century.
- The student population, which is becoming increasingly diverse as underrepresented groups and older students pursue postsecondary education, will require universities to be more flexible and innovative in course delivery and scheduling.
- 1993/94 marked the first time that the actual dollar amount of provincial operating grants provided to universities declined — dropping by 6.3 per cent — and that trend appears to be continuing.
- On a per-student basis, government grants have fallen by more than 23 per cent since 1978/79.
- Federal commitments to provincial health and postsecondary sectors through Established Programs Financing

have been scaled back for more than a decade. The total loss to these sectors since 1982/83 is estimated at \$18 billion, and additional cuts are predicted in light of Ottawa's budgetary problems.

- OCUA says universities should:
- implement a new funding system to encourage accessibility, adaptation and restructuring;
 - put more emphasis on teaching by reviewing the balance among teaching, research and community service;
 - increase accessibility;
 - ease student transfers among universities and between colleges and universities; and
 - enhance co-operation, rationalizing and sharing resources to increase quality and accessibility.

Guelph agrees with the council's summary of the changing environment in which universities operate and can expect to operate in the future.

See OCUA on page 4

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by David Wassgrass
Gordon Coulman



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At Guelph headlines top stories and coming events can also be accessed on GRIFFF. **Offices:** University Communications, Level 4, University Centre, University of Guelph, Guelph, Ontario N1G 2W1. Telephone: 519-824-4120, Fax: 519-824-7962. Office hours: 8:30 a.m. to 4:45 p.m.

COMMENTARY

Don't destroy a major attraction and strength

by Keith Ronald and Roy Anderson

U of G's seven colleges were established after four years of deliberation by the founders of the University. The structure proposed recognized the traditions and strengths of the founding colleges as well as the balance and energy provided by the newly formed colleges of Arts, Biological Science, Physical Science and Social Science.

Our founders built well. The structure handed down to us has resulted in a unique and academically balanced university that has succeeded in attracting good-quality students into a variety of programs characterized by excellent teaching and high standards.

Two of the newer colleges — CBS and CSS — have been especially successful in attracting undergraduate students. In fact, most of the undergrads are associated with these colleges.

Recommendations now before us would fundamentally change the structure of the University,

particularly in the elimination of two successful colleges and the dismemberment of successful departments.

Committees struck to examine structure sniff about diligently to find things to change. It is the mindset of these beasts. There is, therefore, some danger that changes will be proposed because we have a "structure that was established a quarter of a century ago" and "if we make no changes at all to departments or colleges we will have failed" (quotes from Profs. Bev Kay and Constance Rooke in their apologetic to the academic community).

Perhaps we should remind ourselves that 25 years is rather minor in the life of an academic institution and that change made simply for the sake of change can have lasting detrimental effects on our ability to attract good students and get on with the job of teaching and research.

We were surprised to see the proposal to dismember CBS. This college was established to provide a centre for teaching and research in basic biology and to provide basic teaching in the life sciences to all colleges. At the same time, CBS has important and attractive undergraduate and graduate programs covering a wide range of modern biology from molecular biology to systematics.

The college and its undergraduate programs have been remarkably successful in attracting high-quality students. In fact, about 80 per cent of all B.Sc. graduates are from CBS.

This college's mandate includes all aspects of teaching and research in botany, human biology, human kinetics, nutrition, microbiology, molecular biology, nutritional sciences, genetics and ecology. In addition, a number of students have chosen less specialized biological pathways.

The college has also provided outstanding service to other colleges. It is curious why such recruiting and academic strengths should be considered for dismemberment.

The Department of Zoology with its four programs, all well subscribed, is the central animal group on campus; three of its options are unique in Ontario, two in Canada. It graduates about 50 per cent of all B.Sc. students. Why would one consider splitting up such academic strength?

All its programs, like many in other CBS departments, are strongly eco-environmentally based, which should suggest that there is no need for a separate

college of environment. Perhaps a name change to the College of Biological and Environmental Science would suffice.

Entomologists who once were part of CBS (Department of Zoology and Entomology) should now consider returning to their roots in the zoological sciences.

Biochemistry and biophysics are not attracting students in their current position in the College of Physical and Engineering Science. Biochemistry might well transfer to CBS, as could biophysics. There, they would benefit from being part of a more vibrant environment with many students interested in the study of biology.

Food science is part of nutritional sciences, and the Department of Nutritional Sciences and the applied human nutrition program in FACS should be consolidated with the food science program (really food technology), building on the basic sciences found in the CBS and FACS departments. The administrative structure might be considered a centre, with nutritional sciences and human nutrition being placed in CBS and food technology elsewhere.

A more devastating recommendation is that there be a breakup of CPES and CBS and establishment of a College of Science and Engineering, a boring, unoriginal and thoroughly uninspiring proposal.

This would obviously be helpful for the image of physical sciences, which would benefit from the popularity of the life sciences at Guelph. At the same time, however, it would effectively obscure the unique attraction of the life sciences, which are a striking feature of this university, unlike any other in Ontario.

Certain elements on campus find this hard to swallow, but it's true. And we should take strength from and resolutely oppose those who would deny U of G the advantage of having a unique science mandate that sets it apart from all other

universities in Canada. It is simply not in the best interests of the University to destroy one of its major attractions and strengths.

Considering other colleges, we are impressed that little change is proposed in the College of Arts. Might we suggest that the departments of Drama and English be merged? We question whether political studies and history make suitable bedfellows. Perhaps the College of Arts should consider its structure independently.

Like CBS, CSS has been very successful in recruiting good students, and it would not serve any particular purpose to break it up as suggested. Obviously, a few changes would strengthen the college, but these could be done by an internal review.

In short, we are concerned that some of the proposals made by the committee are retrograde and would seriously damage Guelph's future standing as a unique, modern, forward-looking university noted for the variety and excellence of its academic programs and research.

Finally, when considering the several hundred staff and faculty positions that are being reduced, one should consider that this university was set up to handle 18,000 students, and we now have about 13,000. It is therefore a must that we downsize the overall administration by 20 to 30 senior positions. This would cut costs, release space and allow chairs to assume their rightful place as more autonomous leaders in the academic milieu.

We suggest these and other matters should be considered by the committee as a whole.

Retired zoology professor Keith Ronald is a former dean of CBS, former director of the Arboretum and a University fellow. University professor emeritus Roy Anderson is a former chair of the Department of Zoology.

LETTERS

Thanks for the memories

I would like to thank members of the University community who contributed to my monetary retirement gift. I'd especially like to thank my former co-workers at the paintshop who took Pauline and me out to dinner with their spouses. I have many happy memories of the University.

I continue to struggle recuperating from brain surgery and cancer, but I hope everyone will feel free to drop in and see me.

Alf Thompson

B of G names acting secretary

Hearing officer Andrya Schulte will be acting secretary to Board of Governors until April 30, 1995, while Betsy Allan is on maternity leave.

A former B of G secretary, Schulte will continue her part-time responsibilities as hearing officer in Student Affairs. She will be located in the Secretariat's Office on Level 4 of the University Centre, Ext. 3438. □

Nominations sought for honorary degrees

The Senate executive committee invites suggestions or nominations for honorary degree recipients from members of Senate, faculty, students, alumni and administrative personnel.

Honorary degrees recognize outstanding contributions in the arts, humanities and sciences or

honor people outstanding in professional or public life.

Nomination deadline is Oct. 31. Nominations should go through a college approval process (usually the college tenure and promotion committee).

For more information, call the Senate Office at Ext. 6758. □

UNIVERSITY of GUELPH

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Production: Linda Graham, Ext. 6581.

Editorial advisory board: Prof. Don MacLaurin, HAFSA; Prof. David Swayne, Computing and Information Science, Prof. Suzy Lake, Fine Art; Prof. Ann Oaks, Botany, Sheila Trainer, Zoology; David Hull, U of G Library; Jane Watt, Human Resources; Jim Rahn, Veterinary Teaching Hospital; Prof. Bram Cadsby, Economics; Prof. Praveen Saxena, Horticultural Science; David Ogden, Central Student Association; Stephanie Ounpou, Graduate Students' Association; 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: \$44.00 (includes GST); outside Canada, \$51.00. ISSN 0836-4478. © 1994



Welcome to Guelph

President Mordechai Rozanski chats with first-year students Jennifer Benedict, left, and Kerri Metzloff, both of Kitchener, at one of three president's luncheons held last week. The luncheons are a chance for incoming students to meet each other, faculty, administrators and program counsellors.

Photo by Maurice Olshl, University Communications

New aquatic sciences facility draws \$50,000

The E.W. Bickle Foundation and Imperial Tobacco, a division of Imasco Limited, have each pledged \$25,000 to U of G's aquatic sciences facility.

The pledges are the first gifts received by the University since a fund-raising campaign was officially launched in June by the Department of Development. Guelph hopes to raise \$2.3 million from corporations, foundations and individuals with an interest in aquatics and the environment.

The \$6-million aquatic sciences facility will co-ordinate teaching and research space for aquatic sciences on campus. It will contain more than 30,000 square feet for its two components — Aqualab

and the Institute of Ichthyology. The facility will allow researchers to work together in one location to address a broad range of issues related to managing Canada's fresh-water and marine resources. Phase 1 of the construction will begin this fall.

To date, \$3.7 million has been raised from the public and private sectors for the project. This consists of a federal and provincial grant of \$1.86 million, a Natural Sciences and Engineering Research Council equipment grant of \$1 million, a \$500,000 pledge from Rolf C. Hagen Inc. and a \$340,000 pledge from ichthyologist and author Herbert Axelrod. □

Access Awareness Week to boost understanding of disability issues

The Centre for Students with Disabilities (CSD) is marking Access Awareness Week Sept. 26 to Oct. 1 with a variety of events aimed at promoting awareness of disability issues and the advances that have been made to provide equal opportunities.

Events kick off Sept. 27 with a barbecue and demonstration of accessible cars beginning at 11 a.m. on Branson Plaza. Proceeds will go to spinal cord research.

On Sept. 28 and 29, Disability Today Caravan '94 will be in the UC courtyard with interactive displays of technology available to people with disabilities.

The week wraps up Oct. 1 with "Walk and Roll," a fun run for charity in the Arboretum. Organizers encourage clubs, residences and other associations to bring groups and challenge each other to run, walk, roll, skate, crawl, ride in a bathtub or use any other creative mode of transportation. The run begins at 11 a.m.

Donations from run participants will go to the Recreation Equality on Campus Club. Anyone donating \$10 or more will receive a T-shirt. For more information, call Ext. 6208. □

Help someone you know

Campus United Way appeal shoots for \$170,000

by Mary Dickieson
University Communications

Last year in Guelph, a father learned to read, a little boy got breakfast before he went to school, a teenage girl found a friend and a safe place to sleep, and an elderly woman forgot her loneliness when a VON volunteer came to visit.

You might know these people. You certainly know many others whose lives have been touched by one of the 39 United Way agencies in the Guelph area — your neighbor, a friend, a co-worker.

Your contribution to the upcoming United Way campus campaign will surely "help someone you know — more than you know," says Denna Benn, director of Animal-Care Services, who is co-chairing the appeal with Chuck Cunningham, assistant registrar, liaison.

The campus solicitation is part of the Guelph and Wellington campaign, which coined the "someone you know" slogan to stress the fact that donations to the United Way stay in the community, where they benefit thousands of people each year.

The campus campaign committee hopes to raise \$170,000. Cunningham says it's a realistic goal, calculated by campus canvassers who saw their co-workers dig deep last year to surpass the 1993 goal by 10 per cent. More than \$155,000 was raised.

U of G donations accounted for 15 per cent of the \$1.6 million raised last year by the Guelph and Wellington United Way. The University is its largest single source of revenue.

The campus campaign kicks off Sept. 24 at the Homecoming football game, where president Mordechai Rozanski will hold the ball for Central Student Association (CSA) spokesperson Lesley Isaacs. The ceremony will also involve members of the local and campus United Way committees and representatives from Athletics, the U of G Alumni Association, retirees and the city.

Student volunteers will ask Gryphon fans to donate \$2 in exchange for a draw ticket that could win them a sweatshirt or a grand prize of dinner for two and two tickets to the Nov. 19 Vanier Cup game at SkyDome. The draw will be made at half-time.

U of G's student United Way campaign, led by the CSA and Interhall Council, has set a goal of \$7,000. Benn says students are grassroots supporters of the United Way.



"You might be surprised to read the résumé of students who serve as volunteers with hospices, women's crisis centres, telephone hotlines and programs for children with disabilities," she says.

Benn herself began to contribute to the United Way when she was an OVC student. Both she and Cunningham say their current United Way efforts are made easier by the 200 campus volunteer canvassers and committee members.

These volunteers will deliver pledge forms next week. Benn and Cunningham remind everyone that regular payroll deductions can be a painless way to contribute to the United Way. For the first time this year, retirees will be able to contribute through pension cheque deductions. And the co-chairs note that it's an easy switch from payroll to pension deductions for those planning retirement in the next year.

Many special events are planned for the nine-week campus campaign — a noon-hour barbecue on Branson Plaza Oct. 3, agency displays in the University Centre courtyard Oct. 4, a student-sponsored Casino Night on Halloween in Peter Clark Hall and casual dress day Nov. 18.

Individual departments and employee groups will also hold special fund-raising events. Some have already begun; Animal-Care Services held a barbecue in May and a pancake breakfast last week. Check future issues of *At Guelph* for details of upcoming events or call the United Way hotline at Ext. 8800. □

The art of music

TSO concertmaster to kick off art centre concert series

The fourth annual concert series sponsored by the Macdonald Stewart Art Centre and the Department of Music will be a feast for both the eyes and ears.

"We're putting special emphasis on the integration of music and art," says concert manager Dudley Gibbs. "For the listener, it's both a visual and an audio experience."

The lineup for the three-concert series takes the event to a new level, says Gibbs. The program kicks off Oct. 16 with renowned violinist Jacques Israelievitch, concertmaster of the Toronto Symphony Orchestra. He will perform at 3 p.m. amid a gallery exhibition celebrating the art centre's 15th anniversary.

Prof. Mary Cyr, chair of the Department of Music, notes that in addition to the ambience it provides, the centre gallery "probably has the best acoustics in Guelph."

Cyr says Israelievitch was in-



Violinist Jacques Israelievitch performs Oct. 16.

vited to Guelph at the suggestion of president Mordechai Rozanski, an acquaintance of the violinist's. Israelievitch had visited with the president on campus and expressed an interest in performing at the University.

"I'm a great fan of the TSO and of the violin in particular," says Rozanski. "Bringing Jacques to campus enhances our students' ability to appreciate the role of music and artistic performance as part of a well-rounded education."

The concert series also features

the return of former music faculty member Leslie Kinton. The pianist performs with cellist Brian Epperson Feb. 4 at 8 p.m. amid the exhibit "Michael Snow: Walking Women." Music professor Howard Spring and the Spring Time Quartet jazz things up March 23 at 8 p.m. The gallery will feature works from the Riverside Print Shop.

Tickets for the entire series are \$24 general, \$18 for students and seniors. Individual concerts are \$10 and \$8. Tickets are available through the Department of Music at Ext. 3127. □

OCUA funding model would 'undermine academic integrity'

Continued from page 1

Many of the non-funding issues raised in OCUA's report are now under study by task forces and committees of U of G's Strategic-Planning Commission (SPC). This group is examining what Guelph as a university should do, what it should do differently and how it can do it in the most effective and efficient way. SPC will present its report to the president in early 1995.

Guelph has also addressed the issue of flexibility in deploying resources. The voluntary special early retirement program is under way, and by April 30, 1996, 247 employees — 71 of them faculty (10 per cent of the complement) — will leave the University.

Model unacceptable

At the heart of the debate is one of three funding models (Model C) suggested by OCUA. Council claims that Ontario universities are autonomous institutions that have few external limits on how they spend most of their share of provincial operating funds. In contrast, many international jurisdictions facing the same pressures as universities are moving toward a more publicly accountable system. A "contract" or "purchase of service" model would better reflect public expectations of universities, says OCUA.

Under this new system, universities would enter into contracts with government for specific services (such as teaching and research) and levels of performance in exchange for public funding.

Guelph concurs with its sister institutions that this model would

change the shape of universities as they are known today. "It is simply unacceptable," says Rozanski. He believes universities need a funding system that would prevent them from becoming an arm of government and reflecting the views of whatever party happened to be in power at the time.

"Although we must be responsive to social needs and our funders' concerns, if this model is implemented, universities would be servile appendages of a government that would dictate public-policy goals for the entire university system," he says. Universities would be managed through a central co-ordinating body that would be worse than a "University of Ontario."

The president believes this kind of change would "undermine universities' academic integrity and quality, let alone their independence and ability to carry out sound fiscal management and long-term planning, particularly in a community with a collegially based system of governance."

Rozanski urges the University community to examine the rhetoric of the paper closely.

"OCUA claims it is a neutral document," he says, "but if these proposals are implemented, Ontario's cash-strapped universities would become the cat's paw of the government of the day."

Academic vice-president Jack MacDonald describes the funding model as a "dangerous threat to the very autonomy of our universities." It begs basic questions of the value placed on the university's role as a source and disseminator of new knowledge and as an

independent critic of society and government, he says.

More than autonomy is at stake, adds MacDonald. It's an issue of a collegial governance system with an accountable governing board and a senate being responsible for setting a distinct academic mission designed to serve society's long-term and short-term needs.

Guelph also disputes the technical and philosophical nature of a funding model that would direct funding towards teaching and away from research and community service. It presumes that teaching, research and public service are separable, identifiable activities that could be funded separately, says MacDonald.

Functions overlap

"A university is a synergistic organization where research and teaching functions overlap," he says.

MacDonald notes that the report shows ignorance of the nature and function of undergraduate and graduate education in the university setting. The OCUA report rejects the notion that teaching and research are closely related, stating that "studies suggest that research and undergraduate teaching are independent or perhaps even conflicting activities."

Guelph disagrees with OCUA on this essential issue, says MacDonald. "U of G is a research-intensive learner-centred university, and our experience convinces us that the most successful undergraduate and graduate experience occurs in institutions that have a vigorous research climate. The link between research and learning is explicit — one informs the other and each benefits from the interaction."

Guelph also thinks OCUA has downplayed the importance of research in the university setting and the role of research in world competitiveness. Rozanski cites a recent World Economic Forum report that says Canada ranks 19th overall in science and technology and 18th in research spending.

Bemoans research

"The OCUA report bemoans that we are spending too much time on research at the very time our global competitiveness is under attack," he says.

Twenty-six per cent of Canada's research is being done at universities, he says, and it is the basic research done by universities in the 1920s that is driving 25 per

cent of the world economy today.

Rozanski also points to the importance of applied research. Guelph's research contract with the Ontario Ministry of Agriculture, Food and Rural Affairs has contributed advancements in human and animal health, food production and the environment. U of G research in the social sciences and creative and scholarly work in the arts have also contributed to the betterment of society and enriched the country's culture, he says.

"In terms of our contribution to society and in terms of world competitiveness, we cannot abandon research, scholarship and creative work."

Guelph also questions the statistics OCUA uses on faculty teaching workloads. The discussion paper quotes the 1986 study "The Academic Profession in Canada," which says Ontario faculty work an average of 46 hours a week — 49 per cent on teaching, 26 per cent on research, 14 per cent on support and administration and 11 per cent on external community service.

Guelph, however, believes the figures are closer to those found in a 1994 OCUA faculty workload study, "The Structure of Academic Work," which says faculty work between 50 and 60 hours a week during a teaching term and have done so for the past 15 years across many different jurisdictions.

Accessibility concerns

The discussion paper cites accessibility in particular as a goal of any new funding system. But OCUA's contention that the current corridor system does not address accessibility concerns doesn't stand up, says Rozanski.

Ontario universities have accepted more than 29,000 BIUs beyond the midpoint target set for them to receive full funding. U of G is 3,000 BIUs over the midpoint (13 per cent of enrolment), for which it is not paid anything but tuition. This is the second highest intake in the system.

If U of G were fully funded for these additional BIUs, it would receive \$12 million to \$15 million in additional government grants.

Ontario universities have been responsive to accessibility, says Rozanski, and they can continue to be as responsive as Guelph.

Accessibility is responsive to funding, continues the president. "Tuition, for example, is ignored whenever the OCUA discussion

paper addresses sources of funding. Accessibility must be linked to quality considerations, and that requires funding."

OCUA's assessment of the extent of the accessibility problem is also under question by Guelph. The council estimates that the demand for student places will increase by 19 per cent by the year 2000. Guelph argues that this figure is based on enrolments during the recession; students have historically returned to universities when unemployment is high.

Public hearing for city

OCUA will also hold a public hearing for the city of Guelph and surrounding area Oct. 13 in the Eccles Centre. Time is to be announced.

The president is to meet this week with community leaders, alumni and interest groups to encourage them to make presentations on behalf of the University.

Rozanski also plans to speak to the Guelph Chamber of Commerce on the potential impact of the proposals on the local economy. According to a report, "The Economic Impact of the University of Guelph 1992/93," prepared by Mike Kupferschmidt of Institutional Analysis and Planning, U of G's economic impact on Guelph and surrounding area is estimated at almost \$400 million. This is 3.3 times the size of the combined provincial operating and capital grants to the University in 1992/93.

"Clearly, U of G is the major player in the local economy," says Rozanski. "The University, the city and surrounding area are greatly interdependent in generating income and employment, and we each play an essential role in the local economy."

As the largest employer in the city, U of G is fully aware of its responsibility to the local community, he says.

"We also know how much the community gives back to us, and we appreciate the excellent relations we have with city hall, business, labor and community groups. We must now call on them to speak out on behalf of universities."

OCUA will continue public hearings across the province until November. Final advice to Cooke is to be delivered by the end of the year. □

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Prof. Murray Brown, PhD student Robert Gordon and M.Sc. graduate Aston Chipanshi, Land Resource Science, were honored this summer by the Canadian Society of Agrometeorology (CSAM).

Murray received the CSAM Fellow Award for his contributions to research, extension, teaching and professional service. He was instrumental in bringing about the formation of CSAM in 1986.

Gordon is the first recipient of the Graham Walker Memorial Award, which recognizes excellence in agrometeorology.

Chipanshi was awarded the Campbell Scientific Canada award for best student presentation at the CSAM technical sessions. □

PEOPLE

OUR COMMUNITY



NOTICES

What's your bid?

Thirty unique boxes by 30 prominent artists will go on the auction block for the Macdonald Stewart Art Centre and the Guelph civic centre. The works will be on display from Sept. 22 to Nov. 5 at the art centre. Final bidding is Nov. 5.

MRI has openings

Openings are still available for researchers or clinicians interested in conducting research using magnetic resonance imaging/magnetic resonance spectroscopy. Anyone interested in a five-day training session beginning Nov. 21 should call Ext. 3181.

The gift of life

The Red Cross will hold a blood donor clinic Sept. 26 from 10 a.m. to 3:15 p.m. in Peter Clark Hall. Donors are reminded that 56 days must have passed since their last donation.

Focus on nutrition

The Enjoy for Life! program offers three short sessions on nutrition beginning Oct. 14. The programs focus on dispelling nutritional myths, sports nutrition and making nutrition work for you. Individual consultations are also available. Call Ext. 3799 for more information.

Learn to relax

The Stress Management and High Performance Clinic will offer noon-hour, afternoon and evening programs this fall. Classes meet

twice a week. Cost of the 12-session program is \$40. Booster classes are also available. Classes begin Sept. 27 and Oct. 18. For more information, contact the clinic at Ext. 4155 or the Connection Desk on Level 3 of the University Centre.

Jazz it up

All instrumentalists are invited to audition for the upcoming Jazz Society season. Rehearsals are Sundays at 6 p.m. in Room 100 of the Thornbrough Building. Bring your instrument, a music stand and a pencil. For information, call Bruce MacColl at 822-7834.

A comedy tonight

The Guelph Little Theatre presents the Willie Russell comedy *Educating Rita* Sept. 22 to 24 and Sept. 29 to Oct. 1. Tickets are \$10 for adults, \$7.50 for seniors on Thursday. Call the box office at 821-0270 for tickets.

Author to speak

The Guelph chapter of the Canadian Federation of University Women invites all female university graduates to its first regular fall meeting Sept. 27 at 7:30 p.m. at the Guelph Steelworker Centre on Dawson Road. Guest speaker is Mar Fowler, author of *In a Gilded Cage* and *From Heiress to Duchess*.

Craft fair

The Ontario Agriculture Museum in Milton holds its Christmas craft

fair Sept. 24 and 25. More than 80 exhibitors will present their wares. The museum is open from 10 a.m. to 5 p.m. daily.

Volunteers needed

The Spirit Valley District Guiding Association seeks volunteers. The First Rockwood Girl Guide Unit needs a guiding assistant and the First Rockwood Pathfinder Unit needs a leader. Call Linda Purton at 856-4445 for information.

Community programs

The YM-YWCA has expanded to include community programs. Scheduled this fall are "Discover Your Self," "Leadership Development Training" and "Life Skills Coaches Training." The Y will also lead public-awareness campaigns for Breast Cancer Awareness Month, starting Sept. 26, and will host a single parents' conference Oct. 15. For registration information, call 824-5150.

Studio tour

The Elora-Fergus studio tour Oct. 1 and 2 gives visitors an opportunity to see the works of 19 local artists. Admission is free. Maps are available from Sun Art, Elora Pottery and Pepe & Maureen Goldsmiths.

Be a big brother

September is Big Brother Month, and the Big Brothers Association of Guelph and Wellington County is celebrating by putting an extra emphasis on recruiting new big brothers in the area. More than 60 boys are currently on the waiting list. For more information, call 824-5154.

Agriculturally speaking

The Royal Agricultural Winter Fair is looking for people between 16 and 24 to speak their mind. Competitors in the fair's speaking contest will give five- to seven-minute talks on agricultural topics. First prize includes \$700 cash. Ap-

plications are due Sept. 30. For more information, call Anne Thompson at 905-873-6811 or Kim DeKlein at 519-473-6480.

Eye on Elora

The Wellington County Museum display "In Love with Elora" looks at the town through the eyes of artists. The retrospective spans 150 years and is on exhibit until Oct. 16. The museum's annual Harvest Home Festival runs Oct. 2 from noon to 4 p.m.

Seed lore

Guelph Museums and the Royal Ontario Museum present an exhibit on the biology and lore of ornamental seeds at the Guelph Civic Museum until Oct. 30. □

Soc/Anthro runs lecture series

The Department of Sociology and Anthropology is reintroducing a seminar series this fall.

Guest speakers include Joachim Voss, a master's graduate of the department who is now director of the sustainable production systems program of the International Development Research Centre. He and Villia Jefremovas of Carleton University will look at "The Current Crisis in Rwanda: Historical and Contemporary Roots" Oct. 11.

Also scheduled is Loblaw's vice-president Paddy Carson, who explains "Why We Need to Rethink the Canadian Food System" Oct. 26.

For details, see the weekly *At Guelph* calendar of events or call Dina Carter at Ext. 6526. □

CLASSIFIEDS

FOR SALE

Peugot touring bicycle, 18-speed, mint condition, 824-1149.

Women's bicycles, one 10-speed, one three-speed, good condition, 824-6135 after 6 p.m.

Electric baseboard heaters, 500 to 2,500 W, Mike, Ext. 3225 or 763-2783 after 6 p.m.

Roland EP-7 digital piano, stand and bench, Cindy, Ext. 4181.

Aluminum extension ladder, 24-foot; woodworking tools; woodworking gluing clamps, 3/4-inch pipe, 836-1231.

1981 Volvo, red, standard; new wedding dress, never tailored or altered in any way, size 7/8, Jason or Tiffany, leave message at 824-0734.

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- ◆ Inground heated pool and change rooms



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CALENDAR

THURSDAY, SEPT. 22

Economics/Math & Stats Seminar - Peter Robinson of the London School of Economics considers "Gaussian Semiparametric Estimation of Long-Range Dependence" at 3 p.m. in MacKinnon 034.

Population Medicine Seminar - "Is There Any Hope for Improving Animal Health in Africa?" asks Prof. John McDermott at 4 p.m. in OVC Learning Centre 1713.

Homecoming - A barbecue for new students begins at 5 p.m. at Alumni House.

Macdonald Stewart Art Centre - A gala reception to mark the launch of the centre's 15th-anniversary celebrations runs from 7:30 to 9 p.m. Musical entertainment will be provided by Heads of Black Cabbage. The centre is featuring an anniversary exhibition of major Canadian artists.

FRIDAY, SEPT. 23

Animal Science Seminar - "Generation of Transgenic Mice with Yeast Artificial Chromosomes" is the topic of Gunther Schutz of the German Cancer Research Centre at 11 a.m. in Animal Science 306.

Biomedical Sciences Seminar - Graduate student Jorge Mora-Calvo discusses "Pharmacokinetic Study of Eurofloxacin in Calves" at noon in OVC 1642.

Cycling Club - A 25- to 35-kilometre off-road ride leaves from the UC south doors at 5 p.m.

Homecoming - Carnival rides run from 7 to 11 p.m. next to the arena. The Gryphon Hall of Fame dinner begins at 6:30 p.m. in Peter Clark Hall. Tickets are \$50. To reserve, call Ext. 6133. A benefit dance to support Canadian agriculture begins at 9 p.m. in the gold arena. Cost is \$5.

SATURDAY, SEPT. 26

Homecoming - An alumni swim meet begins at 8:30 a.m. in the gold pool. A Gryphon Expo runs from 9 a.m. to 5 p.m. in front of the Athletics Centre. This includes displays, a dunk tank, kids' zone, a Gryphon hoop challenge and live entertainment. Here you'll also find a rummage sale at 9 a.m., pancake cook-off at 9:30

a.m., a sub-eating contest at 11 a.m., Oktoberfest festival at noon and a pep rally at 1 p.m. An Alumni House open house runs from 10 a.m. to 1 p.m. Carnival rides continue from 10 a.m. to 11 p.m. next to the arena. An inner-tube waterpolo tournament runs from 11 a.m. to 1 p.m. in the gold pool. A pre-game parade leaves from Johnston Green at 11:30 a.m. The football Gryphons take on Wilfrid Laurier at 2 p.m. at Alumni Stadium. A post-game celebration begins at 5 p.m. in the gold arena.

SUNDAY, SEPT. 25

Cycling Club - A 30-km ride to Arkell/Aberfoyle and a 35- to 55-km off-road ride leave from the UC south doors at 10 a.m.

Arboretum - Learn all about creepy crawlly fall insects with naturalist Chris Earley on a walk that leaves from the nature centre at 2 p.m. The annual dedication ceremony in the Wall-Custance Memorial Forest begins at 2:30 p.m.

TUESDAY, SEPT. 27

Physics Seminar - Prof. John Dutcher describes "Brillouin Light Scattering from Thin Polymer Films and Surface Gratings" at 4 p.m. in MacKinnon 113.

French Studies Lecture - Jean Emelina, a humanities professor at the University of Nice in France, discusses "La beauté physique dans le théâtre de Molière" at 7 p.m. in MacKinnon 315. Emelina is touring the four Ontario universities that participate in the Third Year in Nice Program; the others are Wilfrid Laurier, Western and Windsor.

WEDNESDAY, SEPT. 28

International Development Lecture - "Leadership in Development: Lessons Learned in Brazil, Bolivia and Ghana" is the topic of Prof. Doug Pletsch, Rural Extension Studies, at noon in MacKinnon 236.

Biochemistry Seminar - Prof. Robert Lencki, Food Science, asks "When is a Straight Line Not a Straight Line? The Kinetics of Enzyme Inactivation" at 12:10 p.m. in MacNaughton 222.

Cycling Club - A 25-km novice

ride to Downey Road leaves from the UC south doors at 5 p.m.

THURSDAY, SEPT. 29

Concert - The Department of Music's noon-hour concert series kicks off for the fall semester with the Mondriaan String Quartet and pianist Neely Bruce performing 20th-century works.

FRIDAY, SEPT. 30

Sociology and Anthropology Seminar - Western University anthropologist Dan Jorgensen looks at "Mining, the State and Landowners in Papua New Guinea" at 11:10 a.m. in MacKinnon 904.

Biomedical Sciences Seminar - Graduate student Hua Hai talks about "Reduction of MNU-Induced Apoptosis in Mouse Hair Follicles in Vivo by TPA and Investigation of p53 Involvement" at noon in OVC 1642.

Cycling Club - a 25- to 35-km off-road ride leaves from the UC south doors at 5 p.m.

SUNDAY, OCT. 2

Cycling Club - A 40-km ride to Guelph Lake Extension and a 35- to 45-km off-road ride leave from the UC south doors at 10 a.m.

WORSHIP

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

The Open Door Church (Anglican/United/Presbyterian) runs Sundays at 7 p.m. in UC 533.

Care of the Soul, a Thursday session of prayer and music, begins at 12:10 p.m. in UC 533.

Womanspirit, a spirituality circle open to all women, runs Fridays at 12:10 p.m. in UC 533.

Nick Kaethler will conduct a musical service called "Exploring Our Hymnary" Sept. 25 at 10:30 a.m. at the Guelph Unitarian Fellowship at Harris Street and York Road. Everyone welcome. ☐

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Canadian Criss Cross by Walter D. Feener

1	2	3	4	5	6		7	8	9	10	11
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42								43			44
45								46			
47								48			

ACROSS

- Varnish resins
- Commonplace
- Lack of vitality
- Water passage
- Chinese river
- Sanctify
- Similar to
- Trustworthy
- Racket
- Teakettle nozzle
- Remarkable person or thing
- East Coast Ocean
- Struggle against
- Monotonous
- First performance
- Psyche parts
- Mild cigar
- Fornicary inhabitant
- Papermaking device
- Ferrer and Torne
- Linking verb
- Totalling lacking
- Forms an alliance
- Items of business
- Contests of speed
- Struck noisily

DOWN

- Machinist
- Brief joke
- Chinese dog
- Murderous frenzy
- Queues
- Hang down
- Of the foot's sole
- Be in power
- Anoints
- Highlander
- Bow wood
- Deltoid oven
- Like an open
- Village
- Kneecaps
- Wheel part
- Born
- Follower
- Burr series
- Vesicle
- Reaping hooks
- Actress Dawn Chong

For crossword solution, see page 5.

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Cat got your goat? Call in the experts

by Margaret Boyd
University Communications

Correcting behavioral problems in dogs and cats is difficult but not impossible. Just ask OVC's Small-Animal Behavioral Service, which deals with all sorts of problems — and has a 72-per-cent success rate.

"It may sometimes be true that behavioral problems are the owner's fault, but there are also genetic factors," says Prof. Andrew Luescher, Population Medicine, a specialist in animal behavior who runs the service with two other veterinarians.

Problems can arise if owners don't put enough time and effort into their pets, or if owners are overly indulgent and create separation anxiety in their animals, says Luescher. An animal's genetic predisposition may also create problems. For example, an animal with a dominant nature living with gentle people may develop behavioral problems.

Most common

The most common problems in dogs are dominance aggression (27 per cent), separation anxiety (18 per cent), territorial aggression (13 per cent), house soiling (nine per cent), fear and fear aggression (five per cent), compulsive disorders (five per cent) and excessive barking (four per cent).

The most common problems in cats are house soiling (45 per cent), urine marking (19 per cent), compulsive behavior (seven per cent), fear aggression (4.5 per cent), redirected aggression (four per cent) and petting aggression (3.24 per cent).

Luescher notes that problems can be irreversible if dogs are mistreated at a young age. Socialization takes place at six to 12 weeks of age; puppies that are not socialized will be shy. The fear period is

from eight to 10 weeks; puppies mistreated at this time will probably become globally fearful. And puppies that are kept in cages and forced to defecate and urinate in a cage will not be housetrainable.

"These are good reasons to get a dog as a puppy from a reputable breeder or from the humane society," he says.

Highly variable

Treatment at the clinic is highly variable — some animals are cured with the first treatment, says Luescher. The regular procedure is a phone call followed by an average of three follow-up calls. Animal owners also get a sheet outlining treatment.

"It is most difficult to get client compliance because some of the methods are contrary to what owners want to do," he says. Curbing an animal of separation anxiety, for example, requires owners to be non-demonstrative to their pets at certain times.

Behavioral problems are a growing issue in veterinary care, says Luescher. He believes vets should put more importance on these problems because of the toll they take on pets and owners.

"Behavioral problems are extremely common in the first year of the acquisition of a pet. Twenty-five per cent are euthanized or given away because of behavioral problems and 15 per cent for other reasons."

Behavior seminar

Luescher and his colleagues Prof. Don McKeown and Jack Halip offer an animal behavior seminar called "How Dogs Learn" for vets, veterinary technicians, dog trainers and breeders, animal behaviorists and pet owners. It focuses on improving the efficiency and effectiveness of canine training through proper application and interpretation of basic principles of learning.

The workshop has been held this year in Guelph, New Jersey and Alberta and is coming up in Halifax Oct. 15 and 16, Fredericton Oct. 22 and 23 and Vancouver Nov. 12 and 13. On Nov. 5 and 6 in Guelph, U.S. animal behavior experts Karen Pryor and Gary Wilkes will lead a workshop called "Don't Shoot the Dog: The New Art of Teaching and Training." For registration information, call 1-800-375-7994. □



I'll fly away

A northern harrier returns to the wild with a helping hand from Doug Grier, a member of the Wild Bird Club. The harrier, one of two birds released last week, was found stunned in a ditch a month ago and brought to the OVC Wild Bird Clinic for rehabilitation.

Photo by Maurice Oishi,
University Communications

Bonsai show offers taste of Japan

The fifth annual Guelph Bonsai Show will be held at the Arboretum Centre Oct. 2 from 11 a.m. to 5 p.m.

Bonsai clubs from Guelph, St. Catharines, Kitchener, Etobicoke, Toronto, London and Haldimand will display examples of bonsai,

the ancient Japanese art of miniature trees. Prof. Usher Posluszny, Botany, vice-president of the Guelph Bonsai Club, will give a bonsai demonstration at 2 p.m.

Japanese cultural events will include flower arranging, shiatsu massage, Iaido, tai chi, origami

and sword polishing. Kite flying will be demonstrated by the Kitchener Wind Climbers. A sales area will offer bonsai plants, tools and Japanese wares.

Also planned are tours of the Arboretum collections, with emphasis on trees from the Orient and themes in nature that bonsai artists emulate in their work.

Admission is \$4 for adults, \$3 for seniors and students 14 and over. For more information, call Ext. 2113. □

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