

At Guelph

Thought for the week
*Education is when you read the fine print.
 Experience is what you get if you don't.*

Pete Seeger



University of Guelph, Guelph, Ontario

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Retirement village site construction could begin in fall

Site construction of the Village by the Arboretum retirement community could begin as early as this fall, says John Armstrong, director of the Real Estate Division.



Board of Governors gave approval Feb. 25 to Phase I of the project, which will consist of 150 homes — about 20 per cent of the total project — on the northwest corner of the property, bordering the Old Stone Estates subdivision. B of G also gave the go ahead to local developer Reid Heritage Homes Ltd. to carry out the project.

"We can be proud of this project," says Armstrong. "It has been planned to benefit the University and the community and is unique in many ways."

The village will be the first such retirement community in Canada within an urban environment and close to a university.

Eventually, the community will feature a range of recreational, social and shopping facilities as well as health services. The overall design will be based on a traditional village setting with tree-lined streets.

"Revenue from the project will add to U of G's Heritage Fund," says Michael McMillan, vice-chair of the fund. "Over time, these funds will help the University reach levels of excellence that might otherwise be impossible."

Created in June 1991, the fund is an endowment that will "provide a continuing and growing source of financial support essential to the health of the institution," says McMillan.

U of G will retain ownership of the land and the right to approve all aspects of design and construc-

tion, but will lease the land to a developer who will be responsible for marketing and construction. Purchasers will own their homes and pay a monthly site-leasing fee, which will be shared by the developer and the University.

Endorsed by city council in November 1991, the project still requires some final zoning and agreement approvals. Site construction could begin this fall, with the first units to be completed by the summer of 1994, says Armstrong. To ensure project viability, construction will not begin until at least 75 units have been sold.

"The concept has been enthusiastically welcomed," he says, "and we are compiling a list of potential purchasers."

Design focus groups are being planned by the developer for April. These groups will allow participants randomly selected from the list to learn more about the project and give their input on the design.

The Village by the Arboretum project has had a long history, beginning in 1987 when B of G first approved the idea of using the Stone Road site for a retirement community. This was followed by a series of approvals, reviews and consultations within the University and the Guelph community.

For sales information or to be placed on the mailing list, call Judy Phillips at 767-5001. □



Food for thought

Nutrition information was on the menu last week at the annual Four Warn Nutrition Fair in the University Centre. Above, an apple (Angela Close) and a carrot (Shawn Penny), dish up some ideas

on healthy eating. (When they're not impersonating produce, Close and Penny are students in the applied human nutrition program in FACS.)

Photo by Maurice Oishi, University Communications

Noon-hour concerts hit by budget cuts

The Concert Management office and the popular Thursday noon-hour concerts are the latest victims of five-year budget cuts across the colleges.

As of May 1, 1994, Concert Management will be dismantled and the unit's two staff members will join the Department of Music. The noon-hour concerts, established in 1967 by Edith and Ralph Kidd, will be renamed and changed substantially.

The \$109,000 budget allocated for Concert Management has been eliminated as part of an overall cut of more than \$1 million to the budget of the College of Arts, says Prof. Leonard Conolly, acting vice-president, academic.

The cut was approved by Board of Governors in 1992.

College of Arts Dean Carole Stewart and Prof. Mary Cyr, chair of the Department of Music, met recently with Conolly to argue strongly for continued support to the unit and its activities. Conolly and Stewart agreed to return \$20,000 to the department from other areas of the college's budget to cover a portion of the salaries of the two staff in the unit.

Cyr says the department will pick up the remaining portion of the salaries of Dudley Gibbs, manager of Concert Management, who will join the department as concert manager on a 10-month continuing limited-term contract, and concert assistant Donna Pollard, who will join the department on a 50-per-cent basis.

Cyr says cuts to the department's budget could have meant abolishment of the concerts. But they have a large and loyal following both on and off campus and are an integral part of the academic program, she says, so the department's faculty committee decided to continue the concerts with some changes.

Beginning this fall, the 10-week concert series will be launched

with a new name, "Thursdays at Noon." The traditional two programs at 12:10 and 1:10 p.m. will be reduced to one at 12:10 p.m. Guest performers will continue to appear, but less frequently, says Cyr. Faculty and staff soloists and ensembles will also be featured in concerts and lectures.

Gibbs says it's unfortunate that the noon-hour concert program has to change. Although Guelph must respond to fiscal realities by identifying new and better ways to do things, the concerts are woven deeply into the cultural fabric of the University, he says. He hopes people who feel strongly about the changes will make their feelings known.

Conolly says he, too, regrets the cuts, but he welcomes the new opportunities for Guelph faculty and students to perform for the University and local community in an established concert format. "The important thing," says Cyr, "is that the concerts are to continue and that faculty and staff will still have opportunities to meet performers and also to perform." The challenge ahead is to find new ways to seek public support, she says. The department will be exploring options in this area in the coming year. □

Inside:

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CUPE accepts one per cent

The Canadian Union of Public Employees, Local 1334, signed a one-year contract last week for a one-per-cent pay increase in 1992/93.

Technicians, maintenance and housekeeping staff in the 380-member union also voted for changes to parental leave, vacation and paid holiday scheduling. The one-per-cent increase is

retroactive to May 1, 1992. The contract expires April 30, 1993.

"We feel it's a fair settlement that recognizes the needs of employees, current economic conditions and the University's financial position," said Stu Brennan, manager of employee relations. As of press time Monday, Local 1334 president Don Gruber could not be reached for comment. □

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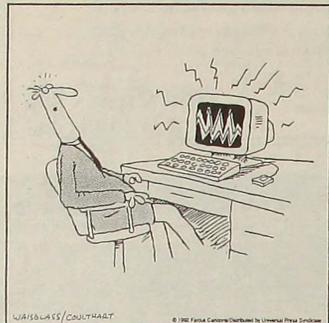


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Farcus

by David Waisglass
Gordon Coulthart

WAISGLASS/COUTHART

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"What do you mean artificial intelligence?"

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Letters to the editor

Higher education no guarantee of fairness, justice

What academic, moral, human and philosophical reason is there to appoint a human rights adviser, Eva Kratochvil asks in the Feb. 24 issue of *At Guelph*.

Racial discrimination is not barred from entering the University's front gate just because of our reputation as a place of enlightenment. Intellectual activity is not a guarantee of fair play, justice and truth.

Higher education in and of itself is no guarantee that individuals

(even Canadians) will react with compassion, integrity and a sense of fair play. Formal recognition of the value of racial tolerance and justice is a pivotal step in the development of this institution.

Kratochvil suggests that the human rights adviser is unqualified because she is "only" an "agricultural expert" and is therefore not qualified to hold the position. She considers the appointment a politically correct gesture. But her knowledge of the

graduate program in rural extension studies is inadequate and out of date. Rural extension studies is an interdisciplinary program that fosters a global perspective on complex social issues. Students have an opportunity to recognize the value and urgency of confronting human injustice in every domain.

Politically correct or not, a significant step has been taken.

Betty-Ann Deshpande
Rural Extension Studies

Job of human rights adviser went to best candidate

I am both anguished and angered by the letter from Eva Kratochvil in the Feb. 24 issue of *At Guelph*. I find it highly offensive and racist in tone.

The letter seems to imply that being a "landed immigrant from Trinidad" somehow disqualifies a person from becoming a human rights adviser at U of G (or anywhere else for that matter.)

Human rights are a social issue, so a degree in sociology and anthropology is certainly a relevant qualification. Critics should realize that there are no degree programs in human rights that can be taken to qualify for the position of human rights adviser.

Kratochvil claims that she has encountered a few racial slurs, but did not feel offended or embittered by them. If she did not, that

is her problem. It seems to me that anyone with an iota of self-esteem would feel offended by slurs of any kind.

The only point I agree with her on is that Canadians are indeed a tolerant and polite people. This is precisely why they are addressing the issues of employment equity, human rights, etc.

The letter goes on to suggest that the "elated" position of human rights adviser was offered to the person holding it to fulfil "some politically correct objective like a quota for visible minorities." This is not only offensive, but also absurd beyond words.

After making some inquiries, I learned that the position of human rights adviser was offered to the best-qualified applicant. It wasn't because she is a visible minority

or a landed immigrant or because she comes from Trinidad, but because the selection committee considered her the most suitable candidate.

Finally, I would like to mention that minority groups are not interested in "politically correct" actions. All they want is to level up the playing field, which has often been tilted against them. The goal of employment equity is not to push less-qualified people into jobs, but to level the playing field. The loudest critics of this policy are those who are afraid to compete for a position on the basis of their own qualifications.

Prof. Dilip Banerji
Computing and
Information Science

Let's stop using the words in cigarette brand names

I wholeheartedly agree with Prof. Hugh Whiteley in his Feb. 24 letter to *At Guelph* about the inappropriateness of attaching the du Maurier name to the proposed Guelph civic centre.

As members of an academic community, we must all recognize the power of words to influence behavior, even that of educated, informed and rational adults. But in his analysis of the devious methods by which the tobacco industry strives to deceive and manipulate the public, Whiteley neglects to mention the most deplorable of all — the use of common words in cigarette brand names.

We could lobby the government to prohibit this practice in future, but it would probably be beyond the limits of our legal system to require that tobacco companies change existing brand names. Fortunately, we as educators have

it in our power to counter the efforts of the tobacco industry by simply not using such words and by prohibiting our students from using or reading them.

Phrases such as "craven coward," "major export" and "hockey players" must be banished. Truly proper names will have to be coined for Pall Mall, the Duke of Kent and Marlborough House.

We can refer to Britain's wartime prime minister by his surname only and to certain desert ruminants as dromedaries or bactrians. Given the bilingual nature of our country, we will also have to find new terms for "Gallic" and "Gypsy."

This process will not be easy, but if we continue to allow our students to encounter these words and the images of cigarettes they invoke, countless more unfortunate will inevitably be driven to the evils of smoking.

Whiteley quite rightly expresses concern about the influence of the promotional activities of tobacco companies on young people. They are already bombarded with unacceptable words in popular culture that encourage them to take up smoking. Among many examples, the worst is undoubtedly "Puff, the Magic Dragon." Some concern about this song was expressed by no less an intellectual authority than former U.S. vice-president Spiro Agnew.

In this day and age, we certainly can't expect parents to spend enough time with their children, or to provide enough guidance, to overcome such outside influences.

In conclusion, we must all applaud Whiteley for his stand. We have been able to regulate this disgusting, albeit legal, behavior in our citizens. By implementing my modest proposal, we could also define what people are allowed to read and write. All that remains is to find a way to limit what they are allowed to think. Now that would be a perfect world.

Prof. Donald Rieger
Biomedical Sciences

GRIFF had to start somewhere

I would like to respond to the comments made by Bo Wandschneider in his Feb. 24 letter to *At Guelph* about GRIFF, the new campus-wide information system. The examples he gives of additional

possibilities for GRIFF are exactly what the steering committee was hoping would occur.

There is no way that one group of people, no matter what its representation, can anticipate all the needs of the University community, both those providing information as well as those seeking it. But we had to start somewhere, and we fully expected that GRIFF would evolve as additional features were suggested.

I urge any members of the University community who have suggestions for ways that GRIFF can be improved to contact me.

Wayne Marsh
Office of Research

Our people

A career survey of the photographic works of Prof. Suzy Lake, Fine Art, opens April 23 at the Canadian Museum of Contemporary Photography in Ottawa.

Prof. Merwan Engineer, Economics, presented a paper on "Banking Panics and Deposit Insurance" at Wilfrid Laurier University and Trent University.

The Central Animal-Care Facility recently honored its outstanding volunteers. Recognized for their commitment to their animals were Wes Benn, Darya Boland, Hope Clarke, Debra

Tallan, Ron Fromstein, Sandra Hluszkiv, Steve Seifried, Jeff Lightfoot, Stephanie Reedy, Diane Duncan, Paul Sandusky, Malia Perry, Ariane Schaefer and Matthew Shany.

Lorene Bourgeois, a sessional instructor in the Department of Fine Art, has a solo exhibition at Galerie Lambert Rouland in Paris and is included in an exhibition of six Canadian artists at Artists' Union Hall in St. Petersburg in Russia.

The Art Gallery of Ontario exhibit "Artists with Their Work Program" includes a work by Prof. Ron Shuebrook, chair of the Department of Fine Art.

John Vieira, manager of U of G's Business Consulting Service, was part of a Guelph Chamber of Commerce team that recently published a revised and enlarged *Guelph Business Guide*.

U of G alumnus and honorary degree recipient Roberta Bondar has been named a distinguished fellow of the McMaster faculty of health sciences.

Prof. Bill James, Engineering, has given professional workshops on SWMM4.2 and XP-EXTRAN — an advanced expert system design environment for urban drainage systems — in Australia, Florida, Michigan, Toronto and Edmonton. He also spoke recently on "Weather Radar Urban Surface Water Pollution and Intelligent Drains" at Clarkson University in Potsdam, N.Y., and the University of Toronto's Aerospace Studies Institute. □

Writer/photographer joins At Guelph

Maurice Oishi, a 1992 PhD graduate of U of G's botany program who went on to study journalism at the University of California, Berkeley, has joined University Communications as staff writer and photographer for *At Guelph*. He can be reached at Ext. 2592. □

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Parents call forum to discuss proposed lab schools closure

by **Martha Tancock**
University Communications

Parents concerned about the proposed closure of the Family Studies Laboratory Schools have scheduled an open forum March 29 to air their objections and explore options.

Faculty, alumni, staff and student representatives involved in the issue have been asked to present their views at the forum, which runs from 7 to 9 p.m. in Room 103 of the University Centre.

Organizers plan to reveal the results of a questionnaire circulated to 100 families last month to gauge parents' reaction to a possible closing. They also want to discuss an alternative program for the spring semester and talk about keeping the lab schools open past winter '94.

A discussion paper released in January by the Department of Family Studies and the U of G Child-Care Centre recommends training child studies students at the centre instead of the FACS facilities.

Pilot project

The preschool and toddler lab schools, established in the 1950s and 1970s, would close this spring semester while a pilot project is conducted at the centre with about eight students.

If the project is successful, the lab schools would likely be phased out completely by the spring of 1994.

There is no deadline for deciding the future of the lab schools, says Prof. Joseph Tindale, acting chair of the Department of Family Studies. Any decision will depend on evaluations of the pilot project and the existing lab schools, he says.

"People who are suggesting the demise of the lab schools is around the corner are jumping the gun," he says. "We're definitely running the practicum in the lab schools this fall. We'll carry on as usual until we (make a decision.)"

The 30-page discussion paper is under review by the Department of Family Studies ad hoc curriculum review committee chaired by Prof. Bruce Ryan.

The four-person group (three faculty and the lab schools director) has met twice to explore the implications of closing the lab

schools for those enrolled in the practicum, says Ryan. He hopes the committee's response will be discussed by the entire department as an academic matter. He expects the department's response will be presented to the department chair.

Substandard facilities

Reduced funding, substandard facilities and pressures to restructure prompted reassessment of the lab schools, says the paper, prepared by lab schools director Barb Stuart and U of G Child-Care Centre director Judy Myhill at the request of Prof. Donna Woolcott, chair of the Department of Family Studies. (Construction this fall of a new FACS addition may also impinge on the lab schools playground.)

About 35 students look after 115 children in each of the fall and winter semesters at the schools, located in the basement of the FACS Building and in a house at 17 University Ave.

About 85 children enrol in the programs in the spring semester, but only eight students signed up for the spring semester practicum this year. The schools close in the summer. The programs employ about nine administrative and teaching staff.

Lisa Macpherson, a child-care worker and graduate of the child studies program, is appalled by the proposal. The University "would never consider closing down a chemistry lab," she says.

Teaching students is the priority at the lab schools, says Macpherson, but students will lose that priority at the child-care centre, where the focus is on day care. "It's going to diminish a student's experience."

She says U of G should build a new school rather than have students work "outside the University."

Not carrying costs

The lab schools are partially subsidized by the city and county and parents pay fees. But the schools aren't carrying their own costs and are subsidized by the University, says Tindale.

Although expense is a consideration, quality of education is behind the decision to re-evaluate the lab schools, he says.

"What is driving the decision is

what facilities provide the best experience for our students in the practicum. And if they are clearly better off here (in the current facilities), we'll seek a solution to keep them here. (Whatever decision we make), if we save money, great. But that's not what's driving the process."

In the meantime, Tindale says, he wants to "maintain an open flow of communication." He explained the situation to faculty and staff in December and met with parents in January.

U of G psychology graduate Jane Wielhorski, who has a toddler and a preschooler in the lab schools, says the schools are

unique among child-care centres in Guelph. The child/student ratio is low, she says, and the "enthusiasm of the students doing the practicum is wonderful."

Enrolling her children in the programs is "something I'm doing to enrich my children's experience," says Wielhorski. "It's not babysitting."

Although the lab schools are not the only nursery schools to take special-needs children referred by community agencies, they are the only one to which the Ministry of Community and Social Services will pay the cost of transporting children referred by Family and Children's Services, she says.

The report says students would benefit from an apprenticeship at the child-care centre.

They would be working in a state-of-the-art facility in a real working environment under the supervision and guidance of experienced staff.

Based on a previous pilot project in fall 1991, the report also identifies disadvantages for students. It says students felt isolated from each other, distanced from the operation and parents, confused about roles and lacking control over the program and curriculum when they did their practicum at the child-care centre. □



Beat the drum loudly

The Wasabi Daiko Drummers made sure no one was napping through lunch in the University Centre last week when they performed in the courtyard as part of the University's celebration of International Women's Day.

Photo by Maurice Oishi, University Communications

Former dean of graduate studies and research dies at 77

Herbert Armstrong, U of G fellow and former dean of graduate studies and research, died March 5 in Guelph at the age of 77.

A professor of soil science, he came to Guelph as dean of graduate studies and research in 1968. He retired in 1980, but remained active on campus as an adviser to the president's office.

Guelph MP Bill Winegard, a former president of U of G, remembers Prof. Armstrong as an able administrator, but says he will also be remembered for his sense of community.

"He loved the University," says Winegard. "He worked very, very hard and he did it in such a cheerful way. Even if the decisions that came out of his office weren't always popular, you knew they weren't done in a vindictive way."

Before coming to Guelph, Prof. Armstrong was the first president of the University of Calgary. Prior to that, he was dean of science and academic vice-presi-



Prof. Herbert Armstrong

dent at the University of Alberta and dean of arts and science at McMaster University.

The Toronto native received his BA and MA from the University of Toronto and

his PhD from the University of Chicago. He was a fellow of the Royal Society of Canada and held honorary doctorates from McMaster and the University of Calgary.

Blanche Hertzberg, who worked with Prof. Armstrong as his secretary at McMaster, Edmonton and Calgary and as his administrative assistant at Guelph, recalls both his fairness and honesty.

"I think I had one argument with him in 25 years," she said. "He had a terrific sense of humor. He could make you laugh even when you didn't want to."

He is survived by his wife, Kay, two daughters, Catherine Frances Bryden of Lynden and Margaret Shera of Kitchener, two brothers and three grandchildren.

A memorial service will be held April 3 at 2 p.m. at the Arboretum. Tributes to Prof. Armstrong will be made by Winegard and two other longtime colleagues — Laurie Cragg, former president of Mount Allison University and a friend

from the Alberta days; and Murdo MacKinnon, Guelph's founding dean of arts.

Memorial donations may be made to the Herbert S. Armstrong Memorial Fund through Alumni House. □

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Harold Goble

Professor emeritus Harold Goble died March 1 in Guelph at the age of 85. A 1931 graduate of OAC, he taught entomology at U of G for 37 years until his retirement in 1973. He served as provincial entomologist for 24 years while at the University.

Prof. Goble is survived by his wife, Jean, his daughter, Judy Palmer, his son, Robert, seven grandchildren and one great-granddaughter. A tree will be dedicated in his name in the Wall-Custance Memorial Forest in the Arboretum Sept. 19 at 2:30 p.m. □

Student speak



by Scott McNichol

B of G elections near

Students will cast their ballots this month for undergraduate and graduate representatives on Board of Governors.

Voting for two undergraduate seats on the 24-member board will take place in conjunction with the Central Student Association elections March 22 to 26.

Incumbents Marty Williams and Kurt Liebe are seeking re-election, and there are four other nominees — Don Cockburn, William Pascoe, Neil Towers and Richard Vollans.

On March 18, the six undergraduate candidates will gather for an open forum at noon in Room 103 of the University Centre.

Voting for the single graduate student seat will take place by mailed ballot. Ballots will be mailed March 22 and must be returned to the Board Secretariat by April 2 at 4 p.m.

Jason McIlveen completes his term this year and his seat will go to one of three nominees — Karen Houle, Emmalee Marshall or Patric Senson.

Celebrant named

Kevin MacLean of the OAC Class of '94 was named College Royal Celebrant March 6 at the College Royal Ball.

A native of Napanee, he is a third-year animal science student who served as class president for two years. He is active in intramural sports, square dancing and varsity curling.



Kevin MacLean

The alumni connection

When students considering career options look for help, the traditional resources they turn to are Career Services, academic counsellors and faculty. Few are aware of the huge source of advice and opportunities available to them in the form of U of G's 60,000 alumni.

The Student Alumni Association (SAA) has a number of programs designed to put students

in contact with alumni, says SAA staff adviser Sheila Hollidge of Alumni Affairs. Alumni connections can be useful, she says, because the ins and outs of various careers are better understood by talking to someone working in the field.

Last month, the SAA held its second annual Student-Alumni Connection Series. Alumni guest speakers were Brian Gildner of the Ontario Ministry of the Environment; *Financial Post* editorial cartoonist Phil Mallette; Ross Parry, editor of *Education Today*; and Susan Scherer, a two-time gold medalist in the 1991 and 1992 World Ice Hockey Championships.

SAA president Mark Stevenson, a fourth-year political studies student, says getting involved with alumni means more than just building a resume and creating career opportunities.

"By talking to alumni, you de-

velop a historical appreciation for the University," he says. "It makes you feel part of a big family and that the University is our home."

For more information about the SAA, call Stevenson at Ext. 6655 or Hollidge at Ext. 6302.

Get oriented

The call is out for spring and fall orientation program leaders to help organize and carry out orientation. Leaders must be U of G students and must be available to work one day a week between May 3 and Sept. 4, night and day from Sept. 5 to 13 and possibly one weekend in August.

"This is an excellent opportunity for on- or off-campus students with a great deal of enthusiasm for the University to help share it with new students," says orientation co-ordinator Shannon Bone.

Written applications must be submitted by March 15 to Bone in the Counselling and Student

Resource Centre on UC Level 3.

The orientation program also needs volunteers to help with activities. More information is available from the orientation office.

The play's the thing

For third-year biology student Richard Vollans, *College Royal's*



Richard Vollans

annual *Curtain Call* is more than just a play. It's an opportunity to cut loose and expand his horizons.

"It's a break from everything and a chance to make new friends with backgrounds other than biology," says Vollans, who is executive director of this year's production of *Grease*. A veteran of two *Curtain Calls*, he also performs in the musical. "It takes a lot of time, but

it's time well spent," he says.

Vollans believes *Curtain Call* is important to *College Royal* because it shows a "greater diversity of the University than its traditional agricultural focus."

About 200 people turned out for the auditions for *Grease* in January, he says. Thirty were selected, and they've been rehearsing two days a week ever since. The show opens March 11 at 8 p.m. in War Memorial Hall and runs until March 13. Tickets are \$4 in advance at the University Centre box office, \$5 at the door.

Boyd steps down

A mutual agreement reached March 3 between Jean-Paul Boyd, Central Student Association (CSA) vice-president external, and the CSA board of directors has allowed Boyd to leave his position two months before his official completion date of April 31. His duties will be taken over by the rest of the CSA executive. □

Commentary

Yugoslavian war should never have happened

by Gordana Yovanovich

Tima Mujezinovic's story in the Feb. 10 issue of *Ar Guelph* ("Yugoslav Woman Plays Waiting Game for Her Besieged Family") is moving and certainly requires the world's sympathy.

Mujezinovic is only one of many Muslim, Croatian and Serbian sisters waiting to hear news of their loved ones. The Yugoslavian war is a vicious, dirty war that should be stopped, but above all, it is a war that should never have happened. But it did happen and now it is very difficult to stop it.

Because the audience of this article is the "outside world," I would like to examine the role the outside world has played and could play in this situation.

At the time that Slovenia and Croatia asked for independence, the president of Yugoslavia was Stipe Mesic and the minister of finance was Ante Markovic — both Croats. The Yugoslavian army was led by Veljko Kladievic, who is half Serbian, half Croatian. The president of Bosnia and Hercegovina was Alija Izetbegovic, a Muslim; the president of Croatia was Franjo Tudjman, a Croatian. The president of Serbia was Slobodan Milosevic, twice democratically elected Serbian and socialist.

Yugoslavia was a legitimate state and its army was a legitimate army. The country was still much like it was under the regime of Tito, a Croatian who ruled this quite successful socialist country for 40 years.

Because none of the separatist republics was underprivileged, their dream for independence might have been negotiated. For it is not true that Serbs are barbarians incapable of co-

operation. Remember that in the First and Second World wars, they fought on the side of allies while the western part of Yugoslavia sided with Austro-Hungary and later Germany.

The Serbian people believed in Yugoslavia despite the fact that during Tito's time, the state of Serbia was partitioned into the republic of Serbia and two autonomous provinces, Vojvodiana and Kosovo, and that in Bosnia a new Muslim nation was created consisting largely of Serbs of Muslim religion. Having invested in Yugoslavia, Serbians felt cheated when the country started to fall apart.

This is a picture of Yugoslavia before the war, and this is the position the Serbs found themselves in. They felt particularly threatened when the outside world led by German propaganda started to talk about Serbian-dominated Yugoslavia because Serbs, like the black people of South Africa or women throughout the world, were people who dominated in numbers but had no actual power.

Let us now move from the Yugoslavian national makeup to the Yugoslavian army. It was one of the better armies in Europe, with an incredible number of generals of all nationalities for whom Yugoslavia was the land to defend. The obvious question that Europe and the United States should have asked themselves is: What will the army do now that it no longer has a country to defend? Who will pay the generals?

A possible solution that comes to mind is to let the generals kill themselves, and the problem of the Yugoslavian army will no longer exist.

As the generals entered the war, each one according to nationality, and as the Croatian, Muslim and Serbian paramilitary groups joined them or, more importantly, led them in their nationalistic dream of ethnically pure states, ordinary people, who were often intermarried, found themselves in the middle of all sorts of hardship.

Not verifying the source of their information but following the rule that where there's smoke, there's fire, the European and North American media then poured oil on to the fire with their biased reporting.

Let me give a Canadian example of how fiction and lies enter our homes daily. The Feb. 12 issue of the *Hamilton Spectator* reported an allegation that "Major General Lewis MacKenzie, Canadian head of the United Nations peace-keeping force in Bosnia, was raping and then murdering Muslim women supplied to him by the Serbs." Thus, a large banner on University Avenue in Toronto in recent months read: "MacKenzie a war criminal."

Although MacKenzie is not at risk of actually being seen or tried as a criminal, world sanctions are punishing Serbian children as if they were criminals, on the basis of allegations that are unsupported by evidence. In addition, Serbs of Bosnia and Croatia are actually being called aggressors while defending their own homes.

The ordinary people of all three nationalities are paying a horrible price while the sons and daughters of the generals are "war refugees" all over the developed world.

Prof. Gordana Yovanovich is a faculty member in the Department of Languages and Literatures.

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Research report

Ban caffeine from Olympics, physiologists say

by Owen Roberts
Office of Research

Caffeine can enhance performance in elite athletes and should be banned for Olympic endurance competitors, say two U of G physiologists.

Profs. Terry Graham and Lawrence Spriet, Human Biology, conducted performance tests with elite runners who consumed caffeine in quantities approved by the International Olympics Committee. The athletes showed at least a 30-per-cent improvement.

"These results are staggering," says Graham. "The Olympics-sanctioned limit is too high." In further research, he and Spriet found that doses just one-third the amount of the sanctioned limit improved performance.

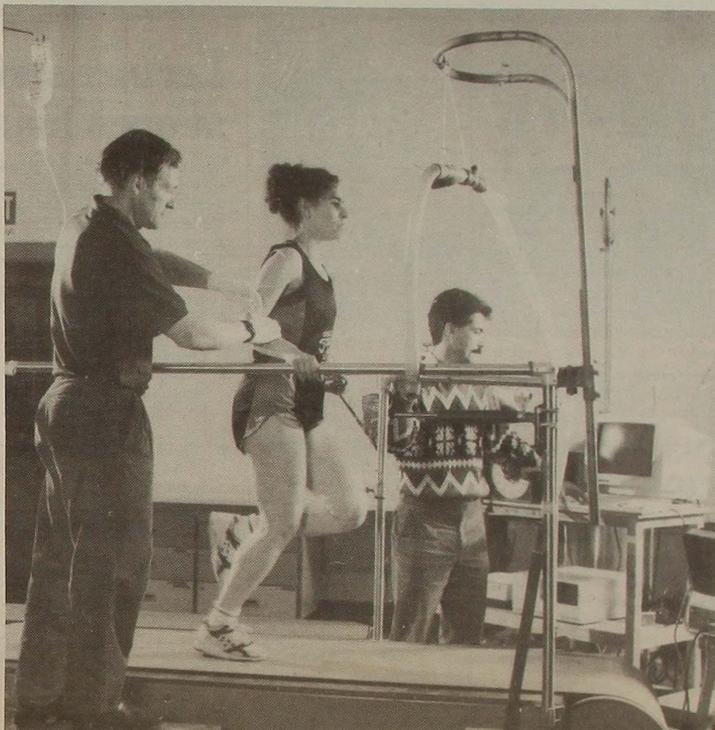
Following the Ben Johnson incident at the 1988 summer Olympics in Tokyo, performance-enhancing substances have become increasingly scrutinized. Almost any level of caffeine promotes the flow of adrenalin, a natural stimulant.

But the researchers didn't expect to find it would produce such significant changes. "Our belief was that previous research on caffeine was so inconsistent that it probably wouldn't be very influential," says Spriet. "We thought we could do one definitive study that showed it had little effect. Instead, we found something very different."

Olympic rules permit athletes 12 milligrams of caffeine per millilitre of urine, an amount yielded by ingesting nine milligrams of caffeine per kilogram of body weight — about the same amount of caffeine in three to six cups of strong drip-percolated coffee.

So to measure the effect of the legal Olympic limit of caffeine, Graham and Spriet — with the assistance of a Sport Canada grant — assembled seven elite Canadian runners, including a top marathon competitor from the 1984 summer Olympics, a former 3,000-metre Canadian champion and a world-class master's cross-country runner, and gave them the maximum allowable limit of caffeine via caffeine tablets.

An hour after receiving the stimulant, the athletes proceeded to run on a treadmill at speeds



Profs. Terry Graham, left, and Lawrence Spriet monitor student Michelle Jackman's performance on a treadmill after she has ingested caffeine.
Photo by Martin Schwalbe, Photographic Services

simulating racing conditions, until reaching the point of voluntary exhaustion. Graham and Spriet were amazed to find runners who would normally tire at 40 to 60 minutes had the endurance to go 60 to 80 minutes. Subsequent tests with slightly less caffeine — six milligrams per kilogram of body weight — showed equally enhanced results, but with fewer side effects such as nausea and nervousness.

The researchers are hoping the athletic community will embrace their findings.

"Caffeine has no nutritional value, so it doesn't need to be part of your diet," says Graham. "Once you purposefully take it, you're doping. With elite athletes, even an amount equivalent to one to two cups of coffee a day could

make a difference."

Further testing has shown that caffeine does not have as great a performance-enhancing effect on serious recreational or even varsity-level athletes. The individual variation is huge, depending on such factors as caffeine habits, other drug use, hydration levels and exercise conditions such as intensity and duration.

"Because Olympic-calibre athletes' bodies are so finely tuned, they react to stimuli much more dramatically," says Spriet. "What recreational athletes can gain from caffeine is peanuts

compared with advances possible through diet and proper training. They're just cheating themselves by using caffeine."

The next step in this research is to measure the effect of caffeine on speed. "We've shown that runners can run longer, but in a race, what you really want is to run faster," says Spriet. To this end, he and Graham are hoping to conduct field tests this spring and summer.

Additional support for this research was provided by the Natural Sciences and Engineering Research Council. □

Green Plan aids search for pesticide alternatives

by Margaret Boyd
University Communications

Green Plan funding of \$7 million has been awarded to establish a pest-management alternatives office (PMAO), says Prof. Keith Solomon, director of the Centre for Toxicology.

The office is designed to promote judicious use of chemicals and promote alternatives to harmful pesticide practices, says Solomon, who chairs the PMAO's board of directors. One of its priorities will be to seek alternatives for highly toxic pesticides or those that are persistent and mobile in the environment, he says.

The creation of a PMAO was recommended in a recent Agriculture Canada review of the pesticide regulation process in Canada. The review's recommendations were geared to making the process more efficient and environmentally sustainable.

The focus of the office during the first years will be largely agricultural, says Solomon. "It will have important benefits for southwestern Ontario. We hope to be able to give farmers better tools to manage agriculture in a sustainable way."

The PMAO's board of directors is made up of representatives from farming, agricultural research, business, environmental and consumer groups.

Funded over the next four years, the office aims to:

- promote the use and encourage the development of viable ecologically sound strategies that minimize risk of harm to health, safety and the environment, while optimizing pest control;
 - develop policies for the promotion of alternative, ecologically sound pest-management strategies, and promote and fund relevant research;
 - consult with and provide advice on alternative pest-control strategies to the authorities responsible for the regulation and use of pest-control products;
 - work with government, pesticide users, the alternatives sector and other stakeholders to help set targets and develop strategic plans for the appropriate reduction of pesticide use in all sectors, including agricultural, forestry, industrial, commercial lawn and turf, and domestic.
- As an independent corporation, the PMAO will stay at arm's length from government, says Solomon. This gives it more credibility and allows it to make its findings public. "Being independent will give it greater responsibility to both the public and Agriculture Canada."
- The office will communicate to user groups and the public any progress in the development and use of alternative, ecologically sound strategies for pest control, he says. □

Research funding deadlines

Due April 1 in the Office of Research are letters of intent for the National Cancer Institute of Canada's Terry Fox program and applications for grants from the Toyota Foundation.

April 2 is the deadline for:

- Ministry of Health research grants.
- Natural Sciences and Engineering Research Council strategic grants for research in advanced technologies, strategic conference grants and support for scientific publications.
- The Easter Seal Research Institute's research grants, doctoral training grants and postdoctoral fellowships.
- NATO support for advanced study institutes and advanced research workshops.
- World Wildlife Fund's Wildlife Toxicology Fund research grants.

April 23 is the deadline for:

- G. Allan Roher Institute awards for graduate students and major research grants.
 - Atkinson Charitable Foundation grants for research in the health field.
 - Bedding Plants Foundation Inc. grants.
 - Horticultural Research Institute Inc. grants.
 - Sigma Xi grants-in-aid for graduate and undergraduate students.
 - Wenner Gren Foundation for Anthropological Research Inc. grants, predoctoral grants and Carley Hunt postdoctoral fellowships.
- Applications to the Secretary of State for support for ethnic research, visiting lectureships and Canadian ethnic studies conferences can be submitted from April 23 to Sept. 23. □

A right meaty fellow



Prof. Howard Swatland holds a certificate of fellowship from the Institute of Meat.

Prof. Howard Swatland of the departments of Food Science and Animal and Poultry Science has been named a fellow of the Institute of Meat, the highest honor bestowed by the British organization.

Swatland received the honor at a banquet in the House of Lords in London, England, last month. It marked the first time the fellowship has gone to

someone who has not served as chair of the institute. He was chosen because of his significant contributions to meat research and teaching.

The Institute of Meat is the educational arm of the Worshipful Company of Butchers, the oldest livery company in London, dating back to 1364. Swatland served an apprenticeship with the institute in the early 1960s. Since leaving the butcher's trade for academia, he has continued to pay his dues "in case I needed a job as a butcher again."

The British honor is one of several Swatland has received in recent years. In 1991, he was the recipient of the meat research award of the American Society of Animal Science. Last year, he received U of G's John Bell Award for contributions to teaching and course design. □

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CSRC staff get an early start on spring cleaning

It was a clean-up operation that would have been the envy of Fawn Hall and Oliver North.

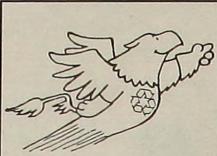
Armed with a paper shredder, the staff of the Counselling and Student Resource Centre (CSRC) cleaned out their offices and cabinets on the last Tuesday of February. Outdated but confidential files were mulched into more than 60 garbage bags full of largely recyclable paper.

Spurred on by jesting among the six units in the centre and the need

for space, the program development unit tallied some 28 bags alone.

CSRC director Andre Auger was quick to point out that his unit collected 17 bags with only four staff members. "If it had been done on a per-capita basis," he said, "we would have won."

Interested in your own recycling purge? Call the campus waste-management co-ordinator at Ext. 2054 for recycling bins. □



What's new in recycling?

What can you throw into the University's fine-paper recycling bins?

The blue office cans can now be used for envelopes with plastic windows or labels, photocopy paper wrappers, file folders, manila and kraft envelopes, bound reports (no books) and invoices/NCR paper (non-carbon forms).

The newspaper bins will now handle magazines and journals with glossy and newsprint pages. □

Lecture series to debut at open house weekend

New this year at College Royal open house is a lecture series featuring U of G faculty and staff. The lectures run Saturday from 10 a.m. to 4 p.m. and Sunday from 1 p.m. to 5 p.m. in Room 232 of the MacKinnon Building.

- On the Saturday lineup are:
- "The Psychology of Policing" with Prof. Dan Yarmey, Psychology, at 10 a.m.;
 - "Strangers in a Strange Land: Women in Management," Prof. Karen Korabik, Psychology, 11 a.m.;
 - "Finding Science in Potatoes," Prof. Rick Yada, Food Science, 1:30 p.m.;
 - "Finding Science in Cheese," Prof. Art Hill, Food Science, 2 p.m.;
 - "So Now You Have a Child: The Pleasures and Problems of Parenting," Prof. Mary Konstantareas, Psychology,

- 2:30 p.m.; and
 - "Finding Science in Ice Cream," Prof. Doug Goff, Food Science, 3:30 p.m.
- Sunday's program features:
- "Canada, Asia-Pacific and NAFTA: Are You Ready?" Prof. Victor Ujimoto, Sociology and Anthropology, 1 p.m.;
 - Prof. Michael Sobol, Psychology, "Adoption: Myth and Reality," 2 p.m.;
 - Prof. Michael Matthews, Psychology, "Young Driver Traffic Accidents: Causes and Cures," 3 p.m.; and
 - David Ward of Independent Study, "OAC Access: OAC Continuing Education Opportunities," 4 p.m. □

Visitor

Environmental ethics will be the focus of a visit to campus next week by U.S. philosopher and theologian Holmes Rolston.

Rolston, who is distinguished professor of philosophy at Colorado State University, is author of five books, most recently *Environmental Ethics*. He will give a public lecture March 15 at 8 p.m. in Room 204 of the Landscape Architecture Building.

Rolston was an invited participant at the United Nations Conference on Environment and Development in Rio de Janeiro last spring.

Anyone wishing to meet with him on campus should call Prof. Michael Ruse, Philosophy, at Ext. 3232. □

Around town

Farming history

Historical farming communities will come to life at the March 14 meeting of the Wellington County Historical Society when a panel discusses "Living History: Life and Labor on Wellington County Farms." Prof. Terry Crowley, History, will moderate the discussion, which begins at 2:30 p.m. at the Wellington County Museum.

Searching the past

The Wellington County Museum will host a day-long workshop April 3 for those interested in researching their family history, biographies, historical collections and architectural records of their homes. Registration deadline is March 15. Cost is \$10 for members of the Ontario Historical Society, \$20 for non-members.

A museum break

Guelph Museums will host "March Break Fun Week" for kids aged five to 10 March 15 to 19. Events are planned at the Guelph Civic Museum in the mornings and John McCrae House in the afternoons. Cost is \$3 per visit. For information or to register, call 836-1221. □

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Self-esteem counsellor to give talk

Lois Ferguson, president of Malibu Consulting International and a counsellor on self-esteem and weight management, will be guest speaker at the March 25 meeting of the Mac-FACS Alumni Association.

Ferguson will discuss how to "Create a More Confident You" at the Arboretum Centre at 7:30 p.m. She will discuss enhancing self-acceptance, setting realistic goals, listening to one's body and relaxation techniques.

A 1971 graduate of Guelph, Ferguson is a registered dietitian with more than 20 years' experience in the food industry. □

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Harness, leather with patent trim, suitable for sulky/jog cart, both long and short traces, like new, made in Wallenstein, Kay, 836-4967.

Three-bedroom luxury townhouse, fireplace, garage, pool, tennis courts, available May 1, two blocks from campus, will also consider leasing, John or Peter, 836-9613.

Building lot, 150 by 327 feet, Eramosa Township, 824-1587.

Queen-size duvet, pure Canadian goose down, never used, Joanne, Ext. 6031 or 837-1069.

For rent

Furnished bedroom in private home, use of kitchen, laundry, 15-minute walk to University, on bus route, Ext. 6323 or 822-2336 after 6 p.m.

Two-bedroom furnished apartment, close to University, April to September, ideal for visiting prof or mature student, 823-0866.

Two-bedroom apartment, yard, parking, available March 15 or April 1, \$500 a month plus half of utilities, Ext. 6446 or 822-0078.

Summer sublet, College Avenue opposite OVC, May 1 to Aug. 31, price

negotiable, includes utilities, parking, laundry, large backyard, Penny, 821-7828.

Available

University student to tutor elementary or high school students, specialty is math and sciences, references available, reasonable, Sean, 824-5228.

Day-care services in your home, available May 1 for full-time work or immediately for part-time service, Meredith, 837-2723.

Data inputting using WordPerfect, on disk or on paper, 821-5502.

Wanted

Home-care helper for disabled woman in her downtown home, provide personal care and recreation, 10 a.m. to 6 p.m. five days a week, must be able to handle chair-to-chair transfer, 824-3174 between 4 and 7 p.m.

Piano, 763-5994, leave message.

Office furniture, portable shelves or cupboards, partitions, storage cabinets, Ext. 4311.

Sixty families for in-home tests on pork, to be conducted mid-March to April 30, Sue, Ext. 3853.

Wanted to rent

Hi-Lo camper for half-ton truck, Ext. 2059 or 824-5878.

Classifieds is a free service available to U of G staff, faculty, students and alumni. Items must be submitted in writing by Thursday at noon to Linda Graham on UC Level 4. For more information, call Ext. 6581.

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Calendar

Thursday, March 11

Pathology Seminar - Graduate student Marco Schito discusses immunity to murine *Eimeria* at 11:10 a.m. in Pathology 2152.

Concert - The free noon-hour concert features the Royer Chamber Ensemble, with U of G music graduate Kaye Royer on clarinet, Ronald Royer on cello, Carol Lynn Fujino on violin and Janice Lin on piano. Performances are at 12:10 and 1:10 p.m. in MacKinnon 107 and will include works by Dvorak, Peter Schickel and Joaquin Turin.

Landscape Architecture Seminar - The School of Landscape Architecture launches a series of talks on "The Contemporary Japanese Landscape and Environmental Issues" with Makoto Yokohari of the National Institute of Agro-Environmental Sciences in Japan giving an overview of his country. The seminar begins at noon in the lobby of the Landscape Architecture Building.

International Women's Day - A workshop on "Deconstructing White Supremacy and Feminism" begins at noon in UC 442. At the same time in UC 444, there will be a discussion of "Women with Learning Disabilities."

College Royal Lecture Series - "Canadian Agri-Food Competitiveness" is the topic of Kathryn Cooper, executive director of the George Morris Centre, at 7 p.m. in OVC Learning Centre 1713.

Juried Art Exhibition - Viewpoints 1993, the 12th annual exhibition for area artists, opens at the Macdonald Stewart Art Centre at 7 p.m. Awards will be presented at 7:30 p.m. The show continues through April 25.

College Royal Curtain Call - Catch the opening-night fun of the stage musical *Grease*. The production runs through Saturday with performances at 8 p.m. in War Memorial Hall. Tickets are \$4 in advance, \$5 at the door.

Friday, March 12

Molecular Biology and Genetics Seminar - John Bowen of the RCMP forensic laboratory in Ottawa will speak at 11 a.m. in Axelrod 028.

Nutritional Sciences Seminar -

Worship

A prayerful journey through the book of Exodus, led by Matthew Hart of the Campus Ministry, runs weekly at 4:30 p.m. in the elevator room of MacKinnon Level 6.

Catholic mass is celebrated Sunday at 10:10 a.m. in Thornbrough 164, Monday and Tuesday at 12:10 p.m. in UC 533 and Thursday and Friday at 8 a.m. in UC 533.

The Open Door Church (Anglican/United/Presbyterian) runs Sunday at 11 a.m. in UC 442.

Midweek - A Time with God provides an opportunity for reflection and meditation Wednesday at 12:10 p.m. in UC 533.

Womanstudy, a lunchtime discussion group led by Rev. Lucy Reid, discusses ecofeminism Thursdays at noon in UC 335.

The Student Christian Movement meets to discuss politics, society and spirituality Tuesday at noon in UC 335.

The Lutheran Student Movement meets Friday at noon in UC 444. □

Graduate student Wendy Ward looks at "The Role of Ontogeny on Whole-Body Copper Distribution, Cu Protein Profiles and Mucosal Uptake of 64-Cu in the Piglet Model" at 11:10 a.m. in Animal Science and Nutrition 141.

Panel Discussion - Violence against women is the topic of an interfaith panel discussion at noon in UC 332.

Economics Seminar - Kathy Segerson of the University of Connecticut examines land transfers on property sales at 3 p.m. in MacKinnon 315.

College Royal Lecture Series - "Promoting Forages for a Sustainable Agriculture" is the topic of Prof. Jock Buchanan-Smith, Animal and Poultry Science, at 7 p.m. in OVC Learning Centre 1713.

Saturday, March 13

College Royal - The 69th annual College Royal open house runs today from 9 a.m. to 5 p.m. Visit the popular chemistry magic show, watch live animal surgery, learn more about the martial arts and find out how to play hockey underwater. A series of lectures by U of G faculty runs from 10 a.m. to 4 p.m. in MacKinnon 232.

The Arboretum - Maple Syrup Days run today and tomorrow and continue weekends until the end of March. Meet at the nature



The Royer Chamber Ensemble performs at the March 11 noon-hour concert.

centre from 9:30 a.m. to 3:30 p.m.

Scottish Studies Colloquium - "Scots in a New Scotland" is the theme of an all-day colloquium sponsored by the Scottish studies program of the Department of History. Registration begins at 9:30 a.m. in MacKinnon 117. Admission is \$22 general, \$18 for seniors and free for students.

Macdonald Stewart Art Centre - The opening reception for "Love Mind," a series of 30 photographic works by Toronto artist Robert Flack, is from 3 to 5 p.m. The show runs until April 25.

Notices

Book early

Organizers of the Learned Societies Conference to be held this June at Carleton University are urging participants to book hotel accommodations and airline flights as soon as possible because of the Conservative party's decision to hold its leadership convention in Ottawa around the same time. This is particularly true of meetings between June 9 and 13. Reservations can be made by calling 1-800-267-9676.

CFRU fund raiser

"Raise Your Voice," an on-air fund raiser for campus radio station CFRU, kicks off March 12 at 6 p.m. on 93.3 FM. The phone-in campaign continues through March 21.

What's on the menu?

The Hafa restaurant will be open during College Royal weekend, with a menu offering "Coast to Coast Cuisine." Featured items are seafood crepes, tourtiere, lemon maple chicken, Montreal smoked meat sandwiches and wild blueberry

cheesecake. Lunch is served from 11 a.m. to 3 p.m. Saturday and Sunday; dinner is from 4:30 to 7 p.m. Saturday only.

Booklets for sale

International Education Services on Level 4 of the University Centre has several booklets for sale: *Steps to the Sea*, offering tips for travellers; *Working in International Development*, a conference planning manual; *Media Basics for Development Educators*; and *Women and Development: Beyond the Decade*.

A changing world

Graduate students in the Department of Environmental Biology present the colloquium "Environmental Objectives and Perspectives" March 22 from 9 a.m. to 4:30 p.m. at the Arboretum Centre. Earth scientist Alan Morgan of the University of Waterloo will give the keynote address, "Comments on a Changing World," at 9 a.m., with discussions to follow. Everyone is welcome; no registration is required.

Sunday, March 14

College Royal - U of G's annual student-run open house continues today from 11 a.m. to 5 p.m. A series of lectures by U of G faculty and staff runs from 1 to 5 p.m. in MacKinnon 232.

Monday, March 15

Women's Resource Centre - A discussion of sexual harassment in the workplace is accompanied by the video *A Safer Place* at noon in UC 107.

Sociology and Anthropology Seminar - Robert Prus of the University of Waterloo investigates intersubjectivity and social sciences at noon in MacKinnon 132.

Information Session - Karen Walker of Student Housing Services discusses off-campus living at 6 p.m. in the Lambton lounge.

Philosophy Seminar - Holmes Rolston of Colorado State University discusses "Challenges in Environmental Ethics" at 8 p.m. in Landscape Architecture 204.

Tuesday, March 16

Our World - A discussion of the women's co-operative in development begins at 12:10 p.m. in UC 442.

Physics Colloquium - The undergraduate lecturer for the Canadian Association of Physicists, Judith Irwin of Queen's University, describes galaxies in upheaval at 4 p.m. in MacNaughton 113.

Information Session - Iris Lambert of Student Housing Services discusses off-campus living

at 6 p.m. in the Off-Campus Housing Office, Maritime Hall.

Senate - The March meeting of Senate begins at 8 p.m. in MacNaughton 113.

Wednesday, March 17

Economics Seminar - Prof. Bram Cadsby, Economics, outlines "A Negotiated Equity Finance Experiment" at noon in MacKinnon 238.

Biochemistry Seminar - Graduate student Teresa Sanelli describes the relationship between structure and function of a cellulase from the white rot fungus *Schizophyllum commune* at 12:10 p.m. in MacNaughton 222.

Sign Language Workshop - The Centre for Students with Disabilities is offering a free workshop on American sign language from 5 to 7 p.m. in UC 301.

Thursday, March 18

Pathology Graduate Seminar - Della Johnston examines "Polymorphisms Generated by RAPD-PCR in *Eimeria* Spp. of the Domestic Fowl: Application to Species and Strain Identification" at 11:10 a.m. in Pathology 2152.

Landscape Architecture Seminar - Makoto Yokohari of Japan's National Institute of Agro-Environmental Sciences discusses land use and open-space planning in Japan at noon in the lobby of the Landscape Architecture Building.

Concert - The free noon-hour concert features pianist Tom Plaunt of McGill University. Performances are at 12:10 and 1:10 p.m. in MacKinnon 107.

Friday, March 19

Molecular Biology and Genetics Seminar - "Domain Structure of the Vaccinia Virus mRNA Capping Enzyme" is the topic of Ed Niles of SUNY Medical School in Buffalo at 11 a.m. in Axelrod 028.

Nutritional Sciences Seminar - Aida Ethiopia discusses "3MI - Toxicity: Possible Interaction with DNA" at 11:10 a.m. in Animal Science and Nutrition 141.

Economics Seminar - Prof. Kenneth Norrie of the University of Alberta speaks on "Historical Perspectives on Inter-Governmental Transfers and Current Canadian Policy Problems" at 3 p.m. in MacKinnon 315.

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Comic book inspires martial artist

by Roberta Franchuk
University Communications

It may have been a Judo-Man comic book that inspired Kim Taylor's interest in martial arts, but the skills he's acquired in his 13 years of training are nothing to laugh at.

The analytical biochemist works in the Department of Animal and Poultry Science by day, but much of his free time is spent teaching, learning and living the martial arts of Jaido and Aikido.

His association with Aikido (pronounced eye-key-do), a Japanese throwing-style school, began in 1980 when the campus Aikido Club was being formed. Ever since his childhood introduction to martial arts through Judo-Man, Taylor had been intrigued by their mystique and the Japanese philosophy of Zen that surrounds them. He joined the club and worked his way up to black belt.

A few years later, he was introduced to the Japanese sword art of Iaido (ee-eye-do). Taylor is now a fourth dan or fourth-degree black belt in this art. He is also an instructor with the University's Iaido Club, author of four manuals on technical aspects of the art and editor of an international Iaido newsletter.

In addition, he is one of only a handful of people in North America learning the sword style Niten-Ichi-Ryu, which uses two swords and is traced to the legendary 17th-century Japanese swordsman Musashi.

Taylor's teacher, Matsuo Haruna, is one of the highest-ranking Iaido masters in the world. At Taylor's invitation, Haruna has come to Guelph regularly to teach sword workshops, including one last year on Niten-Ichi-Ryu.

Taylor says there are many misconceptions about martial arts, including the ideas that they encourage violence and consist only



Kim Taylor, right, demonstrates a movement from the martial art Niten-Ichi-Ryu with karate instructor Mark Bray.

Photo by Roberta Franchuk, University Communications

of Bruce Lee-style flying kicks.

"I use martial arts as a discipline to improve my connection with the universe," he says. "Martial arts have a great deal in common with religion; they give you a focus and a purpose in life."

That purpose, he says, is to get rid of the ego. "It's like Zen meditation. You see that you are just a part of the universe and that the universe doesn't care if you exist."

Training allows you to concentrate on a subject without losing awareness of what's going on around you, he says. "That's why in Aikido you can fight three guys. You concentrate on throwing one, but at the same time, you know where the other ones are."

Another attraction of martial arts is that they can be practised for a

lifetime, he says. "Very few people can keep up with their favorite sports, but there are a lot of 80-year-old martial artists out there. You can work to perfect yourself for your entire life."

The safety aspect of martial arts is important to Taylor. This is particularly apparent in his commitment to a related but separate area, self-defence. He helped revive women's self-defence courses on campus in 1988 and helped train the instructors who now teach through the Department of Athletics.

Before creating the course structure, he investigated statistics on assaults and research findings and gathered them into a student manual called *Resisting Sexual Assault*. In the course, students receive information about assaults and learn the physical techniques needed to defend themselves. To practise them, they work with male volunteers from other martial arts classes.

Although self-defence training is important for everyone, says Taylor, it is not the same as martial arts training. In the martial arts, years of practice are required to perfect techniques that are not necessarily useful in real-life fighting situations, he says. "No one trains for 25 years just in case they get into a bar fight." □

Events focus attention on students with disabilities

The Centre for Students with Disabilities and U of G's Access Awareness Committee are sponsoring a series of events March 18 to focus campus attention on students with disabilities and the services available for them.

An information table will be set up in the University Centre courtyard from 10 a.m. to 2:30 p.m., showcasing some of the services available on campus, including special equipment, student-directed programs, physical access initiatives and career counselling.

Marc Wilchesky, PhD co-ordinator of the learning disabilities program at York University, will discuss "Teaching Students with Learning Disabilities" at 2 p.m. in Room 103 of the University Centre.

At 5 p.m., the film *Children of a Lesser God* will be shown in the Lennox-Addington fireplace lounge, a discussion of deaf culture will follow with Alana Johnston, who was recently nominated Outstanding Deaf Woman of the Year. □

You're appreciated, alumni told

Alumni are the foundation of an institution's success and greatness. That was the message Chancellor Lincoln Alexander delivered on behalf of president-designate Mordechai Rozanski to alumni attending the Florida alumni picnic March 3.

On behalf of Rozanski, the chancellor assured alumni that their contribution to the University is appreciated. Guelph has a responsibility to alumni to preserve their legacy, to build on the good

relationships they established when they were students and to make sure U of G moves from strength to strength so alumni can be proud to be builders of the University, he said.

Some 195 alumni attended the event held at the North Port Yacht Club in Port Charlotte.

Both Alexander's speech and Rozanski's greeting were warmly received by the alumni, says Trish Walker, director of Alumni Affairs. □

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Graduate news

The final examination of Samuel Gudu, a PhD candidate in the Department of Crop Science, is March 22 in Room 302A of the Crop Science Building. The seminar is at 10 a.m.; the defence is at 1 p.m. The thesis is "Anther Culture and Molecular Characterization of a Floral-Derived Gene in the Diploid Species *Hordeum Bulbosum* L." Gudu's ad-

viser is Prof. Ken Kasha.

Helen Mahmoodi, an M.Sc. student in the Department of Nutritional Sciences, will defend her thesis March 24 at 9 a.m. in Room 336 of the Animal Science and Nutrition Building. The thesis is "Protein Modified by Malondialdehyde Is Targeted for Degradation." Her adviser is Prof. Henry Bayley. □



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