

Inside this issue: Committee on University Planning will take recommendations for University policy on South Africa to November Senate meeting for information and discussion. See pages 4 & 5.

## *CIDA supports FACS graduate project in Ghana*

Guelph is embarking on a program to assist the University of Ghana's department of home science. Made possible by a \$584,000 grant from the Canadian International Development Agency, the program will help with institutional development so a program of graduate study can be offered at the University of Ghana in the areas of human development and child studies, textiles and clothing, and home science extension and housing.

The project has three components, says Dean Richard Barham, College of Family and Consumer Studies, who is co-ordinator of the program. The first involves faculty and prospective faculty from the University of Ghana who will come to Canada to pursue master's or PhD degrees. To make this possible, some Canadian faculty may be seconded to replace those who will be studying in Canada. Barham expects that four people with expertise in the areas of interest will study in Canada — at Guelph and at other institutions. Some are expected to arrive in January 1987, with others coming next fall.

The second component will be collaborative research, both in Ghana and Canada, carried out by faculty members from both universities through exchange visits. Many Guelph faculty members have cross-cultural interests, and this program will provide opportunities for them to work with like-minded researchers from another culture, says Barham.

The final component of the project will involve assisting the University of Ghana in resource development. A graduate program requires library and computer resources sufficient for graduate research, and this part of the project will centre on enlarging library resources, and acquiring microcomputer hardware and software.

This new venture is, in some ways, a continuation of the 1979 Ghana/Guelph project, says Barham. Ties that were made with the University of Ghana at that time were formalized with a statement of agreement signed by the late Donald Forster, then president of the University of Guelph, and the vice-chancellor of the University of Ghana. That document set out the "spirit and intent of continuing links" between the two universities. Dr. Janet Wardlaw, associate vice-president, academic, who was then dean of FACS, also played a role in the continuation of the liaison. 0



*Back from Africa: left to right, Profs. Rosalind Gibson, Jean Sabry and Lila Engberg.*

## Africa revisited

A month-long mission to Africa by three faculty in the College of Family and Consumer Studies confirms Guelph's status as a major resource for the developing world. Visiting Africa were Profs. Jean Sabry and Rosalind Gibson, who have had international teaching and research experience in human nutrition — Sabry in Lebanon and Gibson in Ethiopia — and Prof. Lila Engberg, who has been involved for several years in program planning, teaching and research related to home economics in Africa.

While in Africa, the professors reviewed the progress of a research project by two Guelph graduate students, Stephanie Ounpuu and Elaine Ferguson, who are studying the nutritional status of preschool children and the work of their mothers in a rural village. The students, based in the home economics department of Chancellor College, are also supported by the Centre for Social Research at the University of Malawi. Their research proposal was approved in 1985 while Engberg was on staff at the university.

The Guelph team also examined other research activities in Malawi, especially those related to human nutrition, rural development and the role of women in agriculture. They visited Bunda College of Agriculture and the

new Natural Resources College, which is funded by the Canadian International Development Agency. A member of the NRC staff, Mary Dzikolidaya, is now a student in applied human nutrition at Guelph. She plans to return to Malawi after graduation.

In Kenya, Sabry, Gibson and Engberg explored opportunities for future research collaboration at three institutions. They visited the newly established applied human nutrition unit at the University of Nairobi and the home economics departments at Kenyatta University and Egerton College of Agriculture in Njoro. Also in Kenya, they made contacts with staff at the Centre for African Family Studies, which is sponsored by the International Planned Parenthood Federation, and learned of the various approaches taken to integrate population and family planning concepts into community programs.

Later, in Ghana, they met with faculty from the home science department of the University of Ghana. Four of the current staff received their master's degrees from Guelph during the Ghana-Guelph project. Another Guelph graduate, Christine Brew, who is based at the University of Cape Coast, invited the team to participate in a meeting to review the home science curriculum developed for the B.Ed. degree there. 0

## Software creation policy approved

A software creation policy received Senate's blessing last week, but not before discussion on whether it should have gone — or should still go — to the Joint Faculty Policies Committee (JFPC).

The policy, complementary to the University's existing inventions and copyright policies, must go to Board of Governors — probably in November — for approval before it is implemented.

The software creation policy was developed by a subcommittee of the Research Board following wide consultation in the University, but Profs. Jay Newman, Philosophy, and Sam Sidlofsky, Sociology & Anthropology, questioned whether the policy had been seen by the University of Guelph Faculty Association or the JFPC.

Senators were reminded of Article 10.6 in the *Special Plan Agreement Between the University of Guelph and the University of Guelph Faculty Association*, which says; "The Joint Faculty Policies Committee will be responsible for making recommendations on all matters pertaining to policies, procedures and practices relating to the terms and conditions of employment for faculty, excluding salaries, pensions and insured benefits."

Dr. Wayne Marsh, Office of Research, said the policy had not been sent to either group because it has not been the pattern in the past to do so with policies coming from research.

Prof. David Hume, Crop Science, outlined the basic provisions of the policy as;

(1) That except in certain circumstances, any software developed by faculty or staff will

belong entirely to them, and they are free to do what they want with it. They do have the option of assigning it to the University for commercial development, he said, and in those cases, the same royalty conditions will apply that are in the inventions policy;

(2) When initial software development has been done by faculty or staff, and the University has subsequently added resources for further development, the software is owned by the University.

In this situation, if the commercial development is successful, the creators of the software are entitled to share in the net revenue in the same arrangements as apply in the inventions policy;

(3) The University also owns the software that was developed by staff as part of their regular job responsibilities.

In this special situation, there is a difference in the way revenues are shared. Because the creators developed the software as part of their regular job responsibilities for which they were paid, there is not automatic revenue-sharing arrangements. There is, however, an opportunity for software creator supervisors to recommend, in special cases, a one-time cash or in-kind payment. There are also provisions for a portion of the net revenue to be set aside in the development fund for the use of those staff who participated in the software development.

The provisions in the policy are generally similar to those of other universities that have developed software policies, said Hume, and the policy is close to the University of Waterloo's. 0

## Senate approves major in gerontology

A major in gerontology, designed to give students an appreciation of the aged and the aging experience from social, psychological and biological perspectives, received Senate approval last week.

The new major, which is similar to the existing family studies/gerontology emphasis, must now be approved by the Ontario Council on University Affairs (OCUA), says Dean Richard Barham, College of Family and Consumer Studies. Guelph expects to hear from OCUA in the spring, he says.

Prof. Bruce Ryan, chairman of the Department of Family Studies, told Senate the new major will not require any additional resources because most of the 27 courses required are already offered in the existing gerontology emphasis within Family Studies and by other departments across campus.

Thirty students are now enrolled in the gerontology emphasis, and Ryan told Senate he expects 60 students will enrol in the major over the next five years.

Guelph approved a course in social gerontology, offered through Family Studies, more than a decade ago. Since that time, courses aimed at the study of aging have spread across campus with aging-related courses being offered in the departments of Sociology, Psychology, Consumer Studies, and English Language and Literature — a trend Barham told Senate he would like to see encouraged and continued.

In 1982, approval was given for a gerontology emphasis within the Family Studies major. The full major in gerontology is seen as an enhancement of the already existing emphasis, says the Board of Undergraduate Studies report to Senate. Developments within the University, including the establishment of the Social Sciences and Humanities Research Council-funded Gerontology Research Centre, have been in keeping with society's emerging interest in gerontology, says the report, and the establishment of a major in gerontology is a logical next step. 0

## 14 found guilty of cheating

Sixteen cases of student academic misconduct were referred to college deans during 1985/86, according to an annual report to Senate by the executive committee last week. The number is down two from the previous year.

Of these, 14 students were found guilty and two were found not guilty. Of those found guilty, two received an official warning, 10 received loss of marks, one was expelled, and one was deregistered because of misinformation provided when registering.

The penalties for academic misconduct are listed on page 3 of the *Policy on Academic Misconduct*, which was approved by Senate in 1977. The senate policy on academic misconduct is printed on pages 40 and 41 of the 1985-1987 *Undergraduate Handbook*. 0



Mike Wallace, president of the Central Student Association, and Cyndy Moffat contribute to the United Way in boxes for student donations that are located all this week in the University Centre. As of Monday, some \$35,000 had been collected in the annual canvass. If you have not been approached by a canvasser, there is still time to send your donation to Raithby House.

(Photo by Herb Rauscher, Illustration Services.)

---

## Aggregate site golden opportunity for research, says Matthews

The University's land in Puslinch Township offers "a golden opportunity for research," President Burt Matthews told Senate last week as he explained the facts behind the gravel pit controversy. (See *at Guelph* Oct. 23.)

Matthews said Guelph is fortunate to own the property, not just because of the potential income from aggregate, but because it can become a unique research and demonstration facility to study how aggregate extraction can be carried out with minimal effects on the environment.

"Whether we like it or not, aggregate will be extracted in substantial amounts from somewhere in this province over the next 30 years unless we stop growing or our population stops building houses," he said, "and we have very little research information on how it should be done, and very little information on which to base legislation to ensure that it is done in the best possible way."

After extraction is completed, the site can also be an important demonstration station and teaching laboratory for various kinds of after-use or rehabilitation research, he said.

Matthews reminded senators that the University carried out an analysis of its land holdings about two years ago, and presented a report to Board of Governors that was reported widely in the press. The report, "Guidelines for the Uses of Non-Core University Property," said lands outside the campus core are surplus to the University's long-term academic needs, and it recommended that BoG adopt as broad guidelines the following statement on the future use of Guelph's non-core lands:

Category A lands, such as the Techno-

Business Park on Stone Road, are those that generate additional revenue for the University and also supplement its teaching and research programs. These lands would only be leased.

Category B lands, such as the property at the corner of Gordon Street and Stone Road, are those that meet community and social needs, and generate additional revenue for the University. These lands would be available for lease.

Category C lands, such as the 26 acres across from Stone Road Mall, are those that are revenue generating only. The University would

be prepared to lease or sell land in this category.

Matthews said he doesn't think the controversy over the gravel pit will affect the University's fund-raising efforts. He said people have asked him what Guelph is doing with its land resources and why it is going out and asking for money when it has resources it has not developed. "We have to be seen as using the assets we have to the fullest," he said. "I really don't think our reputation is going to suffer in the long run once people understand what we are doing." 0

---

## University offers \$ 6,000 scholarships

Ten new entrance awards at the University of Guelph recognize academic ability and social responsibility. At \$16,000 each (\$4,000 a year for an honors program), the President's Scholarships are the largest monetary awards given by this institution and some of the largest entrance awards in Canada.

President Burt Matthews says it's important to attract students with a well-developed sense of social responsibility as well as a keen intellect. The awards will attract young people with leadership abilities from across the country, he says. "These are the people who will be the leaders of our society. A few years down the road we can expect them to be making marks in their chosen careers and in the lives of their communities."

Garry Davidson, assistant registrar, Awards, says the President's Scholarships are designed

to attract the same sort of student that the University now recognizes on graduation with the prestigious Winegard Medal. In both cases, Guelph is interested in the all-round person.

Dr. John Root, a recent PhD graduate now working in neutron and solid state physics at Atomic Energy of Canada's Chalk River Nuclear Laboratory, was the Winegard medalist in 1981. He says of the University's scholarship program; "I'm glad Guelph feels there is more to a student than marks. It says something about the character of this institution that it wants to turn out a well-rounded person who can contribute to the community."

Nominations for the President's Scholarships must be made by high school principals and submitted to Davidson by April 1. The first 10 awards will be announced in June. 0

---

## Universities must find new ways to solve world food problems

Universities have a special responsibility for finding new approaches to research that will help solve the world's food problems. That's what Alexander King, president of the Club of Rome, told more than 500 delegates to the conference, "Science and Technology in the World Food Crisis," held on campus last week.

In his keynote address, King said universities must evolve new approaches to interdisciplinary and multidisciplinary research, which is vital to finding ways to feed the six billion people who will inhabit the planet by the end of the century. "An enormous increase in knowledge, new methods and ... understanding as to conditions, needs and human behavior" is needed to solve the food crisis, he said, and in particular, there is a need for a "much higher degree of interdisciplinary communication."

There are a wide range of challenges facing researchers in this area, he said. "The sky's the limit." These include research on climatic change and its consequences for food production; non-agricultural food production methods; conservation of arid lands and the greening of the desert; the breeding of improved fast-growing trees; and regional and local consequences of probable rises in sea level. 0



Alexander King, centre, with left to right, Dr. Janet Wardlaw, associate vice-president, academic; Prof. Mark Waldron, director, University School of Part-Time Studies and Continuing Education, President Burt Matthews, and Prof. Archie MacKinnon, director, Centre for International Programs.  
(Photo by John Majorossy, illustration Services)



The Committee on University Planning last Friday agreed to forward to Senate without comment two motions by President Burt Matthews on general principles for implementing a University policy on South Africa. The motions go to Senate Nov. 18 for information and discussion.

CUP also agreed that the document Matthews based his recommendations on, the *Statement to Senate on University Policy on South Africa*, which was prepared by the President's Advisory Council on Social Responsibility (PACSR), should also go to Senate, and that the authors of the report should be present and have speaking privileges. Matthews wants to take his recommendations to Board of Governors for approval Nov. 27.

Matthews forwarded his recommendations and the PACSR report to CUP for discussion and comment in mid-October. After Senate discussion, the matter will go to the finance committee of BofG before being presented to the board.

BofG will be asked to acknowledge the general principle of disassociating the University from any companies judged by the board to have significant involvement in South Africa, and to take any reasonable and feasible steps to terminate associations that may now exist.

It will also be asked to acknowledge the general principles of: not supporting academic exchanges with educational and research institutions in South Africa; expanding scholarships and bursary opportunities for qualified students who are refugees; and supporting worthy initiatives of members of the University to educate the University community on South Africa and other issues of social responsibility.

The situation in South Africa is increasingly unstable, says Matthews, and the extent of involvement of individual companies in that country is constantly changing. For that reason, he says, it is important that BofG exercise judgment, case by case, in its decision to act one way or the other in pursuing the general principles acknowledged in the motions.

Matthews made his motions after considering the 10 recommendations contained in the *Statement to Senate on University Policy on South Africa*, the first report of the social responsibility committee, which was appointed

by Matthews in June 1985. Chaired by Provost Paul Gilmor, the committee first chose to study the matter of University policy on South Africa. It held regular meetings, including three public meetings, to get the views of a broad cross-section of the University community and gave its report to Matthews in July.

#### Makes 10 recommendations

The PACSR report recommends that the University divest operating and trust and endowment funds from those companies that operate in South Africa, or that have significant investments in companies operating in South Africa. It says the principle of divestment of pension funds should be adopted after consultation with the beneficiaries and legal counsel.

The University should also stop buying South African goods when alternatives are available, says the report, and it should give preference to any bank that has cleared itself of involvement, direct or indirect, in South Africa, and should communicate this to the University's current banker.

Guelph should also forgo acceptance of donations, grants, and contracts from companies from which it would divest, and from persons and bodies that publicly support apartheid. It also says Guelph should review and revise its policies in light of any significant changes in the situation in South Africa.

The University should not support academic exchanges with educational and research institutions in South Africa, says the report, and it should urge faculty members to take the University's position on South Africa into

account in considering private academic arrangements with South African institutions. Guelph should expand scholarship and bursary opportunities for qualified students who are refugees from South Africa or other countries, and should support worthy initiatives of members of the University community to educate the University community on South Africa and other issues of social responsibility.

Finally, it recommends that the University communicate its policy on South Africa to other Canadian universities, the public, business corporations, and to the governments of Canada and South Africa.

Presentations made to PACSR showed there is a strong feeling on campus that the University should publicly oppose apartheid in South Africa. The recommendations have been considered in terms of their legality and practicality, says the committee.

#### Aims document sets direction

The committee's guiding light for dealing with this issue was the University's aims document, *Towards 2000: Challenges and Responses*. It says; "Any university that is dedicated to promoting the good of society must be concerned with the moral development of its members . . . a university cannot pursue this goal effectively unless it, too, functions in a morally responsible way, indeed unless it acts as a model both for its members and for society at large." The aims statement proposes that Guelph "exercise a moral concern for the members of the University and for the effects of the institution's actions on society and the environment."

These statements not only permit the University to take a moral stand on important social and moral issues, they oblige it to do so, says the report. The aims document continues; "The ultimate human folly, war, can no longer be comfortably contained in either scope or effect. Those facts will lead to a multiplicity of increasing tensions; East-West, North-South, rich-poor. The easing of such tensions will be one of the University's greatest challenges."

The report says PACSR is confident that the adoption of these recommendations will demonstrate the University's concern and will be seen as a condemnation of apartheid and a support for human rights in South Africa.

#### Divestment policy

Workable definitions of companies that "operate" or "have significant investments" in South Africa will be required before the divestment recommendation is implemented, says the report, and each possible divestment will have to be judged on a case-by-case basis by a subcommittee of Board of Governors.

The report says there are also real difficulties in drawing lines between companies whose South African activities support apartheid and those who operate to the benefit of blacks. The committee is convinced, however, that the University should divest from all firms that are active in South Africa.

Divestment must be handled in a financially responsible manner, says the report, and the University should strive to divest from any involvement in South Africa within one year.

*Continued on page 5.*

## South Africa *Continued from page 4.*

The report acknowledges that there is the possibility of a loss in investment income, but it cannot say from available information how big a loss there would be, or even whether there would be a loss.

### Pension funds

Further advice will be needed before divestment of pension funds is considered, says the report. There are legal constraints on the investment of pension funds, and there are questions about the legality and morality of the University requiring divestment without approval from all beneficiaries of the plan, it says.

### South African goods

Based on current University purchases from South Africa — mainly canned food products and platinum — the effect of boycotting South African goods would not be great, says the report. Those companies from which Guelph now buys should be informed of the University's policy in hopes of encouraging them to change their investment policies. Meanwhile, the report recommends that Guelph investigate alternative sources for materials purchased from these companies, and says the University should review its policy on purchases from these companies in 1989.

### Banks

All five major Canadian banks have essentially the same degree of economic interests in South Africa, says the report, and it is the current policy of all to honor existing loans, but to make no new ones. For that reason, no change in the University's current banking is proposed.

### Financial contributions

PACSR recommends that the University no longer solicit or accept contributions from companies from which it would divest. It acknowledges that this is a difficult position for Guelph to take because of the capital fund drive, but says it is necessary to demonstrate tangibly the University's sincerity in its position on South Africa.

### Review of policy

The intent of the recommendations is to contribute to international pressure for eliminating apartheid, says the report. The policies should be reviewed if there are any dramatic improvements or changes in South Africa, it says, and there should be a routine review in 1989.

### Academic and institutional relations

Guelph already has a policy for University involvement in international development assistance projects — *Report on the Role of International Programs at the University of Guelph, 1983* — and South Africa should be embargoed under this policy, says PACSR. The committee is concerned about committing the University to a policy that would prevent

developmental assistance with a positive effect, so it advises that discretion is needed, and says Senate permission should be required before any arrangements are even discussed.

Guelph should not enter into other official activities or relations with South African institutions, continues the report. Academic freedom leaves responsibility for private academic arrangements with individual members of the University community, but PACSR says there is an institutional context involved, and those who do consider private arrangements should be informed of the University's policy and urged to accept it as a model. The University should not use operating funds for institutional or individual academic exchanges with South Africa, says the committee, but it should continue to administer grants made for such purposes from third parties such as the Social Sciences and Humanities Research Council and the Natural Sciences and Engineering Research Council.

### Bursaries

Guelph can't favor South African students over other refugee students in providing scholarships for study here, especially because there is relatively little money for this, says PACSR. Guelph should encourage the Canadian government in its efforts to provide black students with increased educational opportunities in South Africa.

### Educational programs

It is important that the University community be aware of the situation in South Africa and the reasons why Guelph is taking action to oppose apartheid, says the committee. Support for "worthy initiatives" should be considered on a case-by-case basis. The president should communicate the policy to groups or people who could take a key role in initiating such activities. This includes the Centre for International Programs, Student Services, student organizations and the Liberal Education Committee.

### Communication of policy

Because the recommendations are aimed at putting pressure on the South African government and at making a clear statement that the University is opposed to apartheid, a public statement is essential, the report concludes. 0

## President special guest at international film festival

Lincoln Alexander, lieutenant-governor of Ontario, will open the third annual Guelph International Film Festival Nov. 6 at 7 p.m. at the Odeon Theatre on Wyndham Street, with special guests President Burt Matthews and Mayor John Counsell in attendance.

The opening film of the festival, "Grasping the Blade's Edge — My Country," will be introduced by the film's director Lino Brocka of the Philippines, who will remain in Guelph for the duration of the festival. A reception will be held at Churchill's Restaurant after the screening.

Brocka's film, which was made covertly in the Philippines in 1984, is critical of the Marcos regime, and caused a stir when it was released because it had evaded Marcos's censor board. A vocal opponent of the Marcos government, Brocka was involved in political action and jailed for his work on behalf of striking transit workers. He first came to the attention of the West as a film director when his film "Insiang" appeared at Cannes in 1976.

The festival, founded by the Guelph International Resource Centre and the Development Education Program of the Centre for International Programs, offers politically committed films concerning the developing world. This year's combination of 20 feature and documentary films will focus on Asia and Africa.

New to the festival in 1986 is a selection of videos from the developing world and Canada. A special feature will be the world premiere of "War in Flowerland" by Canadian video-artist Byron Black, which details the persecution of the Karen people in Burma. Black will lead a workshop on the use of videos in the developing world Nov. 8. Other workshops include "Asia; New Face in an Old World," and an action/reaction workshop. A panel discussion of film and video in the developing world features Brocka, Black and Laurette Deschamps, the director of "No Longer Silent."

After Thursday evening's gala opening, the festival will continue with presentations Friday evening, Saturday and Sunday in Rooms 115 and 117 of the MacKinnon building, Ed Video on Wyndham Street and The Loft on Carden Street. Gala tickets, \$5, and festival passes, \$12, are available at the University Centre box office. 0

## Job opportunities

As of *at Guelph* deadline Oct. 24, 1986, the following opportunities were available:

**Technician**, Animal & Poultry Science; grant position. Salary commensurate with training and experience.

**Interim Assistant**, Circulation/Reserve, Library; regular part-time, two positions. Salary range; \$4.67 to \$5.82 per hour.

*The following positions were available to on-campus employees only:*

**Building Technician**, Library. Salary range; \$348.55 minimum; \$401.64 job rate (level 5); \$497.00 maximum.

**Library Assistant I**, Track 1, Media Resources, Library; eight-month appointment September to April. Salary range; \$247.17 minimum;

\$268.72 job rate (level 5); \$355.34 maximum.  
**Custodian 2**, Housekeeping Department. Job rate; \$9.77 per hour; probation rate: \$ .20 per hour lower than job rate.

**Stenographer**, Nutritional Sciences. Salary range: \$255.27 minimum; \$296.05 job rate (level 5); \$355.34 maximum.

**Grounds Machinery Operator**, Grounds Department. Job rate: \$10.85 per hour; probation rate; \$ .20 per hour lower than job rate.

Postdoctoral fellow, biochemist, strong in enzymology and analytical techniques preferred. Salary \$20,000 per year. Apply to Prof. Austin Fletcher, Environmental Biology, Ext. 2678.

---

## Visions of what could be

---

### *New director arranges landscape architect exhibits*

Walter Kehm, new director of the School of Landscape Architecture, has arranged for an exhibition of works of leading landscape architect Hideo Sasaki to be hung in the McLaughlin Library Nov. 5 to 28. A display in the Landscape Architecture building at the same time will feature waterfront projects of Ontario landscape architects.

Kehm says displays such as these have much in common with exhibitions in art galleries — their purpose is to help people discern, question and learn. He says Sasaki's philosophy is that landscape architecture is an integrative field, bringing together artistic, political, social and economic ideas and issues about space and its use.

Kehm believes it is important for people to see what sorts of things are possible. Too often, he says, people get caught up in petty politics, such as around a street widening, and lose their vision of what could be. Exhibits can open eyes to the potential people have to shape their environment and improve the quality of their surroundings.

The Sasaki display is made up of 52 panels showing some key works his firm has been involved with, including urban development projects, waterfront redevelopment, university campuses and zoos. One of Sasaki's best-known projects was the redevelopment of Boston's waterfront. His use of the old and popular Quincy Market as a link between the city proper and waterfront park areas has made it one of North America's major tourist attractions, Kehm says.

Sasaki and his colleagues were innovators in creating "vest-pocket parks: which use small spaces — some as tiny as 50 x 100 feet — to create havens in the midst of urban hustle and bustle. Because they are so small, municipalities find it easier to attract donations of suitable land for such parks and the quality of materials and design can be the best, Kehm says. Users of these small parks tend to adopt them and take special pride in them, he says, and are a prime example of "making public space available to, and safe for, people of all ages."

Kehm says Sasaki has been an inspiration to landscape architects for the past 30 years, and as chairman of graduate studies in landscape architecture at Harvard University from 1958 to 1968, affected the course of the profession. Most of today's deans, chairmen and department heads in landscape architecture in North America are people who were taught by Sasaki, he says.

Kehm describes Sasaki as "a quiet, thoughtful person with an uncanny ability to arrive at a problem's centre and translate the problem into a creative solution." Sasaki has won many competitions and served on juries for many others. During the competition for the design of the St. Louis Zoo, the winning firm was so impressed with Sasaki's jury comments that it hired him to oversee the project.



Prof. Walter Kehm.

(Photo by John Majorovs, Illustration Services)

Kehm himself studied under Sasaki at Harvard and also did postgraduate study at the American Academy in Rome. Before being appointed director of the school, Kehm had a long association with Guelph, as the University's co-ordinator of site development and landscape architecture from 1965 to 1975.

In private practice since 1964, Kehm has been responsible for planning and site development for many major Canadian and U.S. projects, and for the Canadian Embassy in Beijing, China. He has also served as a special lecturer on a number of campuses, including Guelph, the University of Toronto, Harvard University, Oberland College, Rhode Island School of Design, and Louisiana State University. 0

## CIL distinguished lecturer

A man noted for his ability to bring science to the public will spend a month at the University as the CIL Distinguished Lecturer. Prof. Bill Costerton, a microbiologist at the University of Calgary, will deliver five lectures from Nov. 6 to 27. CIL is sponsoring 15 distinguished lecturers at universities across the country this year as part of its higher education program.

One of the talks has a medical and veterinary focus. This lecture on "The Role of Biofilms in the Persistence and Antibiotic Resistance of Chronic Bacterial Infections" is Nov. 6 at noon in Room 121, Physical Sciences building.

Costerton will give two lectures on biotechnology; "Down and Dirty — Biotech for the Oil Industry" Nov. 19 at 7:30 p.m. at the University of Waterloo in Room 350 of Biology 2, and "Biofilm Bacteria in Natural, Industrial and Animal Organ Environments" Nov. 27 at 8 p.m. in Room 113, Physical Sciences.

Two lectures of general interest will focus on "Bacterial Biofilms in Nature and Disease" Nov. 6 and "Post-Pasteur Microbiology: In Which the Test Tube Grows Artifacts and Bacteria are Eternally Phenotypically Plastic" Nov. 20. Both lectures are at 8 p.m. in Room 113, Physical Sciences.

Sponsored by CIL, which manufactures fertilizer and plant protection products for agricultural and urban markets around the world, the lectures are all free and open to the public. CIL also supports post-secondary institutions through research funding and capital grants.

One of the other speakers in the Distinguished Lectureship Series has a Guelph connection. Dr. Giacinto Scoles, who is associated with both the Guelph-Waterloo Program for Graduate Work in Physics and the Guelph-Waterloo Centre for Graduate Work in Chemistry, is the CIL visiting lecturer at the University of British Columbia.

For more information on Costerton's visit, contact Microbiology professor Terry Beveridge, Ext. 3366. 0

## Personals

**For Sale:** 1973 Oldsmobile Omega in good condition, extra snow tires, Ext. 8786 or 763-2246. Nine-foot deluxe wet bar, brown leather, 822-7306. 1974 Pontiac LeMans; heavy-duty utility trailer, 4' x 7', 822-3177, after 4:30 p.m. Complete kitchen, cupboards and counter, double sink, 821-7574. Double pedestal mahogany desk, seven drawers, 836-5334. Downhill Nordica ski boots, children's size 5, 821-5874, after 6 p.m. Tap shoes, size 8, Laurie, Ext. 8708.

**Wanted:** Roommate to share country home at reasonable rent, Ext. 3062. Mesh playpen in good condition, Ext. 3688. Eight-foot truck cap, 822-0542, after 5:30 p.m. Live-in babysitter Dec. 6 to 20 for two children, aged 8 and 10.

**Available:** Word processing, Ext. 6508. Professional word processing, fast turnaround, low rates, high quality, 837-1410. Graphic artist to do charts, graphs, figures, etc., Gabrielle, 824-6207.

**DENNIS CROWE**, University of Georgia, will lead a symposium, "Preparedness and Treatment of Acute Life-Threatening Situations in Small Animal Emergency Medicine," Nov. 1, 8 a.m. to 4:30 p.m. Tickets are \$10 for students, \$20 for clinicians, faculty and staff, \$25 for OTS graduates and \$40 for others

**PROF. WALLY BEVERSDORF**, Department of Crop Science, will present a seminar "Biotechnology in Crop Agriculture: Canadian Progress and Issues," Nov. 5 at 4 p.m. in Room 117A, MacKinnon building. The seminar is sponsored by the Guelph Sigma Xi chapter, which will present Beversdorf with its Distinguished Researcher Award..

**THE COLLEGE WOMEN'S CLUB** meeting Nov. 4 at 8 p.m. at the Arboretum Centre will feature color analysis by Sandra Feather and Susan Kydd of "Colors." For a ride, contact Sandra Subden, 822-7743, or Susie Wilson, 823-5403.

**A REMEMBRANCE DAY SERVICE** will be held Nov. 11 at 10:55 a.m. in War Memorial Hall. Classes will be withdrawn from 10:45 to 11:20 a.m., to allow all members of the University community to participate in the service, which has been a tradition on campus since 1919.

**THE SURPLUS SALES DEPARTMENT**, Blackwood Hall, has the following item for sale on a closed bid basis: an XL2 Homelite chainsaw with carrying case, s/n 40117035 (1974). Bids will close Nov. 6 at 4 p.m. (SD #1 83). For public sale on a cash-and-carry basis are seven Nikon monocular microscopes, \$200 each (SD#180). For further information and viewing, contact the office at Ext. 8139, Monday through Friday, 9 a.m. to 4 p.m.

**THE 1986/87 SEASON** of the Department of Drama features "Balconville" by David Fennario Nov. 24 to 29; "What the Butler Saw" by Joe Orton Feb. 23 to 28 and Sophocles's "Electra" March 30 to April 4. All performances will be at the Inner Stage, MacKinnon building, at 8 p.m. Tickets can be reserved at the University Centre box office, Ext. 3940, and are \$3.50 for Mondays, Tuesdays and Wednesdays and \$4.50 for Thursdays, Fridays and Saturdays.

**THE FALL CONCERT** of the Guelph Youth Orchestra is Nov. 9 at 3 p.m. at Harcourt United Church. Directed by Victor Sawa, it features soloist Jennifer Hathorn, Kiwanis piano concerto scholarship winner. Tickets are available at the door.

**THE ROMANTIC LANDSCAPE NOW** is at the Macdonald Stewart Art Centre until Nov. 23. Organized and circulated by Artspace in Peterborough, this exhibition investigates the recent appearance of a theatrical and emotional landscape painting in the work of artists based in Alberta, Quebec and Ontario. The accompanying catalogue includes artists' discussions about this approach to landscape.

**THE SULAWESI PROJECT** will present the film "The Eleven Powers" Oct. 30 at 7 p.m. in the OTAS Lounge, Level 5, University Centre, as part of International Student Awareness Week. The film is about a Balinese ritual held once every century to restore harmony to Bali and the world. The drama of this 1963 attempt to hold the ritual is highlighted by the narration of Orson Welles.

**A TRADITIONAL INDONESIAN** puppet play, rarely seen outside Indonesia, will be presented by the Sulawesi Project Nov. 8 at 10 a.m. in The Loft, above the Memorial Arena on Carden Street.

**THE COLLOQUIUM** for the Critical Approach to Science and Philosophy promotes a problem-oriented, conjectural-critical, argumentative, interdisciplinary approach to knowledge. Presenters put forward problems from their research or professional practices. The next meeting is Nov. 2 from 1:30 to 5:30 p.m. in Room 441 of the University Centre. At 2 p.m., Mark Field of the Russian Research Centre, Harvard University, and the department of sociology, Boston University, speaks on "Conviction for Conviction or Commitment for Commitment? The Medicalization of Dissidence in the U.S.S.R." At 4 p.m., John Furedy, psychology department, University of Toronto, will speak on "Polygraphy and the Law in the United States, Canada, Japan and Australia; A Psychophysiological Perspective." To be added to the colloquium mailing list or to make a presentation, contact Prof. Fred Eidlin, Political Studies, Ext. 3469, or Prof. Tom Settle, Philosophy, Ext. 3123.

**THE FOURTH ANNUAL** international arts and crafts sale of the Guelph International Resource Centre is Nov. 8 and 9, noon to 8 p.m., at the Loft, 59 Carden St. (a Guelph International Film Festival location). There will be items from Canada, the Philippines, Ecuador, Colombia and Bangladesh. There is no admission charge and proceeds are to assist GIRC and other development groups in the Guelph area. Winners of 16 raffle prizes will be announced Sunday evening.

Paul Stumpf, professor emeritus in the department of biochemistry and biophysics at the University of California, Davis, will be in the Department of Chemistry and Biochemistry from Nov. 1 to 11 on the Winegard Visiting Professor program. Stumpf's area of expertise is the metabolism of fatty acids in plant tissues and he has made major contributions to the understanding of the mechanisms, enzymology and regulation of saturated and unsaturated fatty acids in the plant kingdom.

During his visit, Stumpf will make the following presentations: "Fatty Acids Biosynthesis in Higher Plants" Nov. 3, 3:30 p.m., Room 121, Physical Sciences building; "Present Problems and Future Goals in the Biochemistry of Lipids" Nov. 5, 4 p.m., Room 101, Physical Sciences; and "Regulation and Modification of Fatty Acids Biosynthesis in Higher Plants" Nov. 6, 3:30 p.m., Room 260, Chemistry and Microbiology building.

Stumpf will be located in Room 164, Chemistry and Microbiology, Ext. 3805. Appointments may be made through Michelle Normandin, Ext. 3905.



Gordon Cheeseman is a Winegard Visiting Professor in the Department of Food Science this semester.

Cheeseman was with the U.K. Agricultural and Food Research Council at the National Institute of Research in Dairying in Reading, England, for more than 30 years. He was head of the department of chemistry, head of the food science division and then deputy director.

In 1984, he was appointed assistant secretary in charge of the food research division at the headquarters of Agricultural and Food Research Council, London, England, and has been involved in its reorganization and the development of its revised food research program.

While here, Cheeseman is presenting a graduate course on advances in food science. Drawing on his experience in reorganizing and reorienting agricultural research in the United Kingdom, Cheeseman will present a lecture, "A Future for Agriculture — The Great Debate," Nov. 26 at 4 p.m. in Room 141, Animal and Poultry Science building.

Cheeseman is available for consultation within the department and with industry on dairy research and development. He can be reached through the Department of Food Science, Ext. 2281. 0

Next Week at Guelph *Continued from page 8.*

**THURSDAY, Nov. 6, 1986**

**Lecture** - REGULATION AND MODIFICATION OF FATTY ACIDS BIOSYNTHESIS IN HIGHER PLANTS, Paul Stumpf, 3:30 p.m., C&M 260.

**Apiculture Club** - THE ISLAND OF TONGA, Elizabeth Smith, 5:10 p.m., Graham 200.

**CSRC - JOB-HUNTING WORKSHOP SERIES**, 6 p.m., register at the Connection Desk by 4 p.m.

**Meeting** - ISLAM; THE MISUNDERSTOOD RELIGION, Abduuah Abdel Hakem, 7 p.m., UC 103.

**Guelph International Film Festival** - GALA EVENING, "Grasping the Blade's Edge - My Country," Odeon Theatre, 7 p.m.

## Next week at Guelph

### THURSDAY, Oct. 30, 1986

**Lecture** - SHAKESPEARE IN POLAND, Jerzy Sito, 11 a.m., MacK 317.

**Pathology Seminar** - INTERESTING CASE REPORTS FROM THE TORONTO ZOO, S.R. Black, 11:10 a.m., Pathology 220.

**Worship** - ECUMENICAL CAMPUS MINISTRY, Fellowship and Conversation, noon to 2 p.m., PCH; Community Evening, 5 to 6:30 p.m., UC 332; EXPLORATIONS IN MEDITATIVE PRAYER, 5 p.m., Chapel, UC Level 5.

**A Better World** - TEACHING MANAGEMENT AND METHODOLOGY IN SOIL AND PLANT ANALYSIS IN TROPICAL REGIONS, Dirk Tel, noon, MacK 132.

**Concert** - COMPOSERS' BRASS, 12:10 and 1:10 p.m., MacK 107. CSRC - JOB SKILLS WORKSHOP; INTERVIEW SKILLS, both 10 to 4 p.m., register at the Connection Desk, UC Level 3, by 11 a.m.

**Apiculture Club** - A BEEKEEPING SUCCESS, MALAYSIA, Gard Otis, 5:10 p.m., Graham Hall 200.

**Seminar** - THE MARXIST-LENINIST APPROACH TO SCIENCE AND MORAL AND ETHICAL QUESTIONS, 7 p.m., UC 335.

**Volleyball** - MEN VS. WESTERN, 7:47 p.m., AC.

**Dance** - "1964" AS THE BEATLES, 8 p.m., PCH.

### FRIDAY, Oct. 31, 1986

**Worship** - ROMAN CATHOLIC MASS, 8:10 a.m., Chapel, UC Level 5; CHINESE CHRISTIAN FELLOWSHIP, 7 p.m., MacK 17A.

**OVC Seminar** - MICROCOMPUTER APPLICATIONS FOR FARM ANIMAL HEALTH MANAGEMENT at the Western College of Veterinary Medicine, Eugene Janzen, 10 a.m.; BOVINE HERD HEALTH PROGRAMS - State of the Art and Science, Otto Radostits, 12:10 p.m., CS 508.

**Concert** - FAITH NOLAND, noon, UC courtyard.

**Graduate Seminar** - SIMULATION OF JUICE FLOW IN TOWER SILOS, Ju-Ming Tang, 1:10 p.m., Eng 112B.

**Film** - REAR WINDOW, 6:30 p.m.; ALTERED STATES, 9:30 p.m., PS 105.

### SATURDAY, Nov. 1, 1986

**Symposium** - PREPAREDNESS AND TREATMENT OF ACUTE LIFE-THREATENING SITUATIONS IN SMALL ANIMAL EMERGENCY MEDICINE, Dennis Crowe, 8 a.m. to 4:30 p.m., WMH.

**Worship** - CHINESE CHRISTIAN FELLOWSHIP, 9 a.m., Chapel, UC Level 5.

### SUNDAY, Nov. 2, 1986

**Cycling Club** - MARYHILL, 25 miles, novice ride, 10 a.m., UC south doors.

**Worship** - ROMAN CATHOLIC MASS, 10:10 a.m., PCH; ECUMENICAL CAMPUS MINISTRY (Anglican, Presbyterian, United), 10:30 a.m., Chapel, UC Level 5; GREAT COMMISSION CHURCH, 10:30 a.m., PS 104, Sunday School available for children.

**Sunday Afternoon Walk** - PAST, PRESENT AND FUTURE, 2 p.m., J.C. Taylor Nature Centre.

### MONDAY, Nov. 3, 1986

**Schedule of Dates** - FORTIETH class day; LAST DAY for preregistration for winter semester.

CSRC - CAREER DEVELOPMENT ORIENTATION, noon, UC 301.

**Lecture** - FATTY ACIDS BIOSYNTHESIS IN HIGHER PLANTS, Paul Stumpf, 3:30 p.m., PS 121.

**Worship** - CATHOLIC MASS, 5:10 p.m., Chapel, UC Level 5.

**Clinic** - SMOKING CESSATION, first of seven sessions, 7:30 p.m., MacK 132, register Ext. 6700.

### TUESDAY, Nov. 4, 1986

CSRC - REPORT WRITING, noon, UC 333; CAREER DEVELOPMENT ORIENTATION, noon, UC 301; WRITING ASSISTANCE, 5:30 to 9 p.m., Lib 359.

**Worship** - ROMAN CATHOLIC MASS, 12:10 p.m., Chapel, UC Level 5; ECUMENICAL CAMPUS MINISTRY, Bible Study, 5 to 6:30 p.m., UC 335; FAITHFUL CURIOSITY, 5 to 6 p.m., UC 334.

**Interfaith Dialogue Group** - LIVING THE LIFE; CODES OF ETHIC OF THE WORLD RELIGIONS, 7:30 p.m., UC 103.

**College Women's Club** - MEETING, 8 p.m., Arboretum Centre.

### WEDNESDAY, Nov. 5, 1986

**Lecture** - DISEASES OF THE LUNG, J.B. Richardson, 10:10 a.m., Path 220.

CSRC - CAREER DEVELOPMENT ORIENTATION, noon, UC 301; WRITING ASSISTANCE, 5:30 to 9 p.m., Lib 359.

**Music** - NOON-HOUR CONCERT, noon, UC courtyard.

**Biochemistry Seminar** - CHEMISTRY AND BIOCHEMISTRY OF METHANE-PRODUCING BACTERIA, John Honek, noon, Hort 124.

**Worship** - ECUMENICAL CAMPUS MINISTRY, Holy Communion, 12:10 p.m., Chapel, UC Level 5.

**Lecture** - PRESENT PROBLEMS AND FUTURE GOALS IN THE BIOCHEMISTRY OF LIPIDS, Paul Stumpf, 4 p.m., PS 101.

**Seminar** - BIOTECHNOLOGY IN CROP AGRICULTURE: CANADIAN PROGRESS AND ISSUES, Wally Beversdorf, 4 p.m., MacK 117A.

**Cycling Club** - Downey Road, 17 miles, novice ride, 5 p.m., UC south doors.

**Drama** - MACBETH, Stratford Festival's Young Company, 8 p.m., WMH.

### THURSDAY, Nov. 6, 1986

**Pathology Seminar** - VENOOCCLUSIVE LESIONS ASSOCIATED WITH ACQUIRED PORTOSYSTEMIC SHUNTS IN DOGS, S.J. Best, 11:10 a.m., Path 220.

**Worship** - ECUMENICAL CAMPUS MINISTRY, Fellowship and Conversation, noon to 2 p.m., PCH; Community Evening, 5 to 6:30 p.m., UC 332; EXPLORATIONS IN MEDITATIVE PRAYER, 5 p.m., Chapel, UC Level 5.

**Distinguished Lectureship Series** - THE ROLE OF BIOFILMS THE PERSISTENCE AND ANTIBIOTIC RESISTANCE OF CHRONIC BACTERIAL INFECTION, noon, PS 121; BACTERIAL BIOFILMS IN NATURE AND DISEASE, 8 p.m., PS 113, Bill Costerton.

**A Better World** - CURRENT DEVELOPMENT IN ERITREA, A REPORT OF A SURVEY, Araia Desta, noon, MacK 132.

**Symposium** - YOUNG OFFENDERS ACT, Susan Reid, noon, UC 442.

**Concert** - LAURENTIAN STRING QUARTET, 12:10 and 1:10 p.m., MacK 107.

*Continued on page 7.*



is published by the University of Guelph for the University community and its friends every Thursday except during December, July and August when a reduced schedule applies. AT GUELPH is guided by an editorial policy approved by the President of the University. Views and opinions contained herein do not necessarily reflect official University policy. Letters to the editor, opinions, news items and other submissions are welcome. Deadline is seven days before date of issue unless specified. Stories may be reprinted with acknowledgment of source.

Editorial office: Public Relations and Information, Level 4, University Centre, Telephone: 1-519-824-4120, Ext. 3861, Executive Editor — Sandra Webster; Assistant Editor — Barbara Clance; NETNORTH: DOI5W at 11aGUELPH.CaSy.swebster ISSN 0830-5489 Postage paid in cash at first class rates. Permit 1149, Guelph, Ontario N1G 2W1.