



This is the last issue of *at Guelph* until the beginning of the fall semester. *at Guelph* will appear again Sept. 4. If you have news for this issue, it should reach *at Guelph* by Aug. 28.

A stand for good and needed research

by Barbara Chance

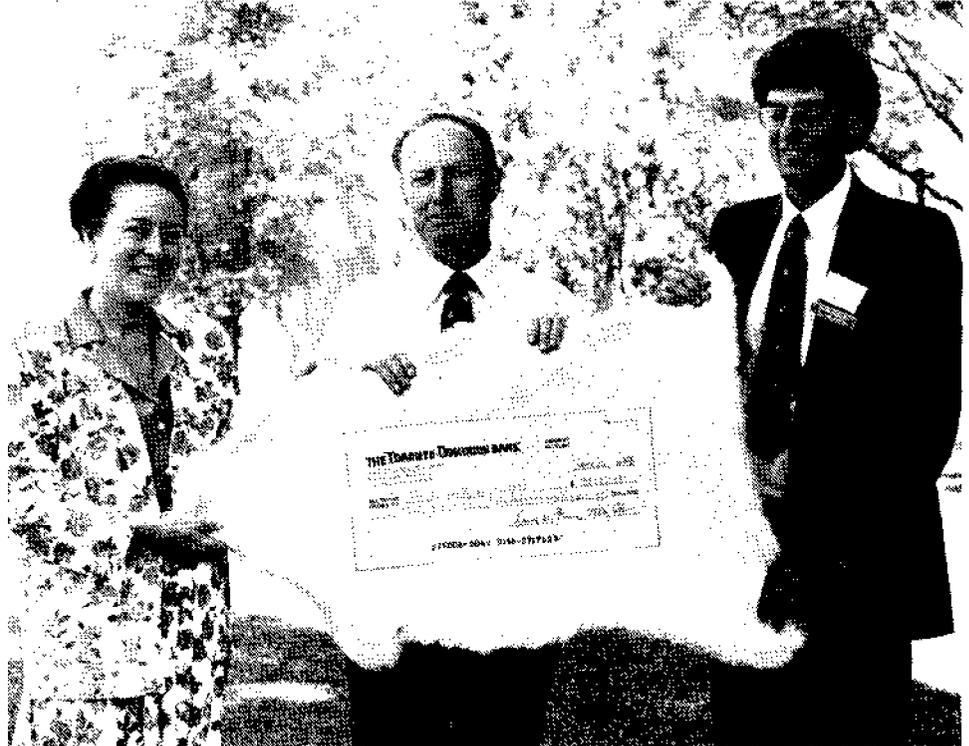
If the taxpayer's money is going to support research at the University, it must be good and needed research, says Dr. Larry Milligan, dean of research. That's why Guelph has refused to become involved in designing or conducting a dairy cattle research program for Redgen Holstein Research Inc. of Bright, he says.

"There wasn't evidence that they (Redgen) had a good, needed research basis to their proposal." And there also wasn't evidence that Redgen was willing to carry out the research for any significant length of time, he says. "If there is going to be a good program in dairy cattle research, it has to be assured for a long enough period of time to yield results. This wasn't done by Redgen."

Guelph's involvement with Redgen began in April when the University and Agriculture Canada were approached by Holsteins Canada to design a substantive research program for Redgen.

The company, which is partially owned by Dreamstreet Holsteins in the United States, had

Continued on page 5.



There were no sheepish looks on Alumni Weekend as Dave Barrie, president of the OAC Alumni Association, centre, and Norm McCollum, incoming president of the association, presented a sheepskin cheque for \$35,640 to Rosemary Clark, director of Alumni Affairs, Alumni Affairs and Development. The cheque represents the association's contribution to Alumni House for the next three years.

Photo by Joanne Walters, Alumni Affairs

Ethics and science meet in new introductory course

Test-tube babies, amniocentesis, cloning, genetic engineering — these are just a few of the issues frequently discussed in the media about the field of genetics. Profs. John Phillips, Molecular Biology and Genetics, and Tom Settle, Philosophy, plan to examine some of these issues this fall when they introduce the course "Genetics, Our Uncertain Heritage."

Phillips says the course has emerged "as a natural consequence of a rising social concern about biotechnology, genetic manipulation and reproductive intervention." The instructors want to give students an appreciation of the scientific origin of some ethical problems, as well as techniques for identifying them and thinking them through.

"Most students are ill-trained to approach moral questions, to take an issue and think it through objectively," says Phillips. His involvement in the course came about through

his own intrinsic interest and his perception of "the crying need for a means for students to learn how to address these issues in a productive way." The course, which is designed as an introductory-level course both for science students and those in other disciplines, will be an integration of ethics and science, organized around a set of ethical issues.

"New technologies raise new moral questions, questions that have never been answered," says Settle, "and it is particularly exciting to be involved in a field where nobody is sure of the answers. It's an unusual position, especially in an undergraduate course."

The course objectives are to teach the relevant theoretical, technological and practical aspects of genetics, biotechnology and reproductive biology as well as the fundamentals of moral philosophy. The broader, but related, issues of freedom and responsibility in scientific research and technology develop-

ment, resource allocation and public policy will also be examined.

Phillips and Settle say the interdisciplinary approach is necessary to provide both a scientific and philosophical perspective. It is also an excellent way to teach science to students in other disciplines and to involve science students in the human context of science, Phillips says.

Upon completion of the course, students should have an understanding of the basic scientific principles of genetics and reproduction, and knowledge of various aspects of genetic manipulation and reproductive intervention, says Phillips. In addition, they will understand a variety of ethical theories and have some facility with their application. The course should help them to know what kinds of considerations count towards making mature judgments about ethical and social issues, says Settle. 0

Potential for grapeness'

Ontario wine industry could flourish with some changes

by Ian Sloan

Ontario produces good wines — sometimes excellent wines, says Prof. Jack Tanner, chairman of Crop Science. But if the Ontario wine industry is to take command of the provincial market, it needs to make changes and to change its image, he says.

Tanner headed up an eight-member provincial task force into the wine and grape industry that recently presented its report to the minister of agriculture and food. The report makes 29 recommendations, the most important of which, says Tanner, is the formation of a provincial grape and wine commission. Right now, the wine industry involves four provincial ministries directly, three indirectly and five or six federal departments — and they all have different mandates. The Ministry of Agriculture and Food, for example, tries to improve the industry, whereas the provincial treasurer sees wine as a form of alcohol that it can slap "sin taxes" on, he says.

"It's the most complex, most political thing I've ever been involved in," says Tanner. But he doesn't think the provincial government "will have the courage" to form the commission, because that would mean ministries would have to give up power.

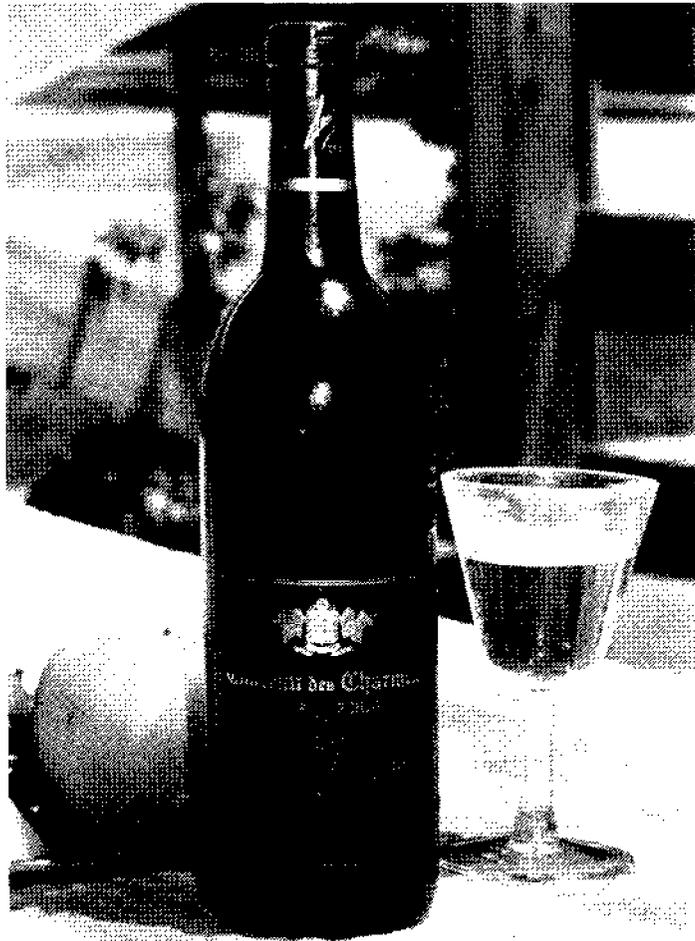
Snob appeal and slick advertising have combined to give foreign wines the lion's share of the domestic market, says Tanner. "The ironic thing to me (is that) you can see people ordering some pretty ordinary European wines, and they'll pay more for them than for several Ontario wines of better quality." He says the industry needs a boost from government to become competitive in its own backyard.

In 1982/83, grapes constituted Ontario's second largest fruit crop in area under cultivation. Grapes were cultivated on about 23,000 acres of Ontario farmland. In the same year, apples were cultivated on 26,000 acres, peaches on 6,800. Between 70 and 80 per cent of the grapes harvested in 1982/83 were used in Ontario wines; the other 20 to 30 per cent went into juice, jams and table consumption.

The task force recommends that total grape acreage be increased and that replanting of vineyards with European (vinifera) varieties be stepped up. More government research should be devoted to developing vinifera hybrids appropriate to Ontario soils and climate to replace the native lubrusca-type grape, the report says.

The domestic industry used only the lubrusca-type grape until the late 1960s, when the influx of European immigrants created greater demand for vinifera-type wines. Ontario grape producers have moved increasingly towards using hybrid and vinifera varieties, says Tanner, but much still remains to be done to raise standards for the industry.

If the province intends to protect the Niagara peninsula for agriculture, as it has indicated through its restrictions on land development in the region, then it will promote a wine policy making it possible for farmers in the area to



Wine produced by Chateau des Charmes Wines Ltd of Niagara-on-the-Lake is bottled especially for the University of Guelph and used as the house wine by Food Services. Photo by John Majorossy, Illustration Services

earn a better living, the report says.

Tanner, who likes wine but admits he is no connoisseur, says there is a large provincial market for wineries to tap. "The most amazing single thing I learned," he says, is that the home wine industry is 50 per cent larger than the commercial industry in Ontario. He says the home industry is price-driven — every time the price goes up, more Ontarians turn to making homemade wines. Home wine makers generally don't make wine out of choice, he says. They do so because Ontario prices can make daily mealtime consumption of commercial wines impossible.

To compound the loss to the Ontario economy that home wine makers represent, most homemade wines are made from grapes that come from California into Canada tax and duty free. The task force recommends action be taken on this front, through the sale of bulk wines at wineries and winery retail outlets.

The task force also recommends that the Liquor Control Board of Ontario offer less choice among wines at most outlets. "No other constituency with a domestic wine industry

offers its residents as great a choice of non-domestic table wines as we do. Why should we?" Tanner says.

Ontario wines have proliferated as provincial producers seek to keep constant the ratio of foreign to domestic labels on LCBO shelves. Tanner says the domestic proliferation is purely defensive and has little to do with increasing the quality of Ontario wines. In the long run, brand proliferation will work against improvement of standards in the industry, he says.

To help the industry change — and change its image — the task force recommends that the province set up a committee to develop wine classifications and standards for all wines sold. Modelled after European methods, the classification system would be based on criteria such as sugar levels, grapes used and production practices employed.

Right now, "it's like Russian roulette" picking out the good Ontario wines from the bad in the liquor store, says Tanner. "If a wine novice picks out a bad bottle of Ontario wine, he may be turned off Ontario wines for a long, long time." O

SELF-SUFFICIENCY

New director defines direction for Computing Services

Will Guelph's colleges and departments be self-sufficient users of information technology in a few years? It remains to be seen, but Morven Wilson, newly appointed director of Computing Services, has been given a clear direction by Senate and the executive director for information technology to help make them so.

Wilson says changes are proposed that will put the responsibility and ability for making effective use of information technology directly into the hands of students, faculty and staff, with Computing Services filling a much reduced role.

"We've already seen Computer Services shrink dramatically," he says, "partly because the expertise already exists in the various units on campus, partly to encourage colleges and departments to become more aggressive in their own search for new applications of information technology, and partly because of budget constraints."

CS will continue to provide users with specialist technical assistance and in-depth advice, he says, but Senate has indicated that much more of the onus for applications systems development, elementary training and advice, and even some services, will be with individual campus units.

CS hopes to see an information technology co-ordinator in each college, says Wilson. This will be a senior-level staff member who will help the college dean formulate plans for the effective use of information technology within the college, and co-ordinate these plans with CS, Communications Services, the Office for Educational Practice and the Library.

In the past, CS has created and developed software for its clients on its own. That seemed most practical, says Wilson, because computer hardware of the 1950s and '60s was large and awkward to use, and had to be operated by a production team in a central computing facility. The result was a "remote and inaccessible, somewhat mysterious" system.



Morven Wilson

Photo by Herb Rauscher, illustration Services

With the advent of personal computers, however, software and hardware have become increasingly accessible. "The development of microcomputers has meant that computers can be used by just about anybody. When you can afford to put a PC on everybody's desktop, it changes the ways you can use computing."

Economics and "friendly" software and hardware have made the use of personal computers more attractive than the use of

mainframes for most computer-assisted activities, says Wilson. He believes the new model for computing is one in which highly sophisticated desktop microcomputers are used for most kinds of work, and the mainframe is increasingly used only for data storage and high-volume work needing considerable resources, such as large "number-crunching" jobs.

That means the focus on a centralized computing system at the University needs to be softened, he says, and replaced by the concept of the desktop "communicating workstation" linked electronically to the rest of the campus and the world. What the University needs now, he says, are ways of linking the users of all campus computing facilities into an electronic communications environment within the campus, and ways of providing powerful but easy-to-use computing facilities on every desktop.

Guelph's new direction is unique, says Wilson. "I am aware of no other university in Canada that has embarked on such a dramatic alteration to the way it delivers its information technology services to its clients."

He hopes the new direction will give Guelph a competitive advantage. "We have an opportunity to use these new technologies to differentiate ourselves, by providing unique products and services that will attract students, faculty, grants and research money to the University. These technologies can also provide strategic economic and research advantages to Ontario and Canada."

Wilson holds a B.Sc. in natural philosophy and an M.Sc. in computer science from the University of Glasgow. He was a visiting assistant professor in the Department of Computing and Information Science before joining the former Institute of Computer Science in 1977. In 1984 he was appointed associate director of CS, with responsibility for systems software and operations, a position he held until becoming director in April. 0

Changes announced at Computing Services

Printed at the request of Computing Services.

A Senate directive calling for a reduction in the academic consulting services provided by Computing Services has resulted in a number of changes within this area.

These changes reflect the University's information technology goals for an information environment with a reasonable blend of centralized and decentralized facilities. Senate has indicated that a reduction in centralized academic computing support services will encourage the development of support facilities within individual academic areas.

As a result of the above directive, the Computing Services budget for 1986/87 has been severely cut. Several vacant positions have been eliminated and three staff members from

computing support services were terminated as of June 24. In addition, CS is also reviewing its training program and the support provided to various products, services and facilities.

CS is in the process of implementing STSC APL, which is expected to replace SHARP APL and result in a cost savings. Further announcements about STSC APL will follow in due course.

The computer laboratory in the basement of the ICS building, which is staffed by student consultants, will close permanently Aug. 25.

The ICS basement public terminal pool will be removed after Aug. 25. Computing and Information Science will establish a terminal pool in this location, and a small number of

terminals here will be connected to the mainframe for general use.

The keypunch machines, card reader and high-speed printer facility, now located in the basement of ICS, will move to the Animal Science building after Aug. 25.

Starting early in September, an information office will be open to assist users in solving computing-related problems. This office will be located on the second floor of the ICS building, and will be staffed by permanent computing support services personnel. Help will be available from 8 a.m. to 5 p.m., Monday to Friday.

Further announcements describing the services available to users through the information office will be made later this summer. 0

Employers discuss gerontology program

Educators and employers in the field of gerontology met on campus recently to map out future directions for gerontology studies at the University.

Sponsored by the Department of Family Studies, the Gerontology Research Centre and the Counselling and Student Resource Centre, the seminar was aimed at finding out what employers think about Guelph's gerontology program, says Prof. Joan Norris, Family Studies. The department is in the process of trying to transform the gerontology emphasis it now offers into a full major, "so it was a good time to see the kinds of needs that employers see in the workplace, what they'll be requiring in a graduate and what they think of the curriculum."

Out of the discussions came two major suggestions for the program, says Norris. The employers saw a need for more management-type skills in addition to the personal skills that the program is now strong in. "That's something we had suspected before," says Norris, "but we really heard it loud and clear from this group." Because of this suggestion, a personnel management course has been added to the proposal for a major.

Employers also saw a need for more field placements, something Family Studies would like to see as well, she says.

Norris says the employers were enthusiastic about the co-op program in gerontology, which has been in existence since 1982. But some employers said that as appealing as the co-op program is, they can't actually afford to take a student on.

Although the main purpose of the seminar was for gerontology faculty to learn from employers, the employers learned as well, says

Norris. "Their eyes were opened. Right now, most gerontology jobs are held by people who are trained in another discipline such as nursing. But the employers are beginning to realize they need more than just that single view of aging. They need a broader perspective. They're going to need people who know more about different facets of gerontology."

Speakers at the seminar included Margo McNamara, manager of resident care services for Metropolitan Toronto; Carla Peppler, Ontario Nursing Home Association; Joan Tari, Guelph General Hospital; Ruth Crane, staff development officer for Niagara; Evelyn Sullivan, St. Joseph's Hospital; Laurette Sutton, Health and Welfare Canada; and Dorothy Singer, Ministry of Community and Social Services. 0

Dr. Bruce Hohn

Dr. Bruce Hohn, professor of orthopedic surgery at the College of Veterinary Medicine at Ohio State University and an associate member of the graduate faculty at Guelph, died May 8. He was a frequent visitor to the University, lecturing in his speciality of small animal orthopedic surgery. In Hohn's memory, the Ohio veterinary college has established a residency in small animal veterinary surgery. Anyone wishing to contribute to the residency fund should send donations to the dean of that college.

Books

Prof. Elmer Menzie and retired professor Stewart Lane, Department of Agricultural Economics and Business, are authors of a new publication, *Agricultural Economics at the Ontario Agricultural College, University of Guelph*. 0

Visiting professors

Prof. Pierre Dixneuf, Universite de Rennes, France, will be visiting the Guelph-Waterloo Centre for Graduate Work in Chemistry as a distinguished lecturer Aug. 11 to 22. In addition to consultations with faculty and students, Dixneuf will deliver a lecture Aug. 18 on "Ruthenium-Cobalt Complexes and Selective Reactions" at 3:30 p.m. in Room 160, Chemistry and Microbiology building. He will also deliver two lectures at the University of Waterloo. On Aug. 14, he will speak on "Activation of Alkynes with Ruthenium Catalysts. Synthesis of Vinyl Carbamates"; on Aug. 20, he will discuss "Iron Carbene Complexes and New Organometallic Pathways." Both lectures are at 3:30 p.m. in the chemistry reading room. For more information, contact Andrea Turner, Ext. 3865.

Dr. C.K. Sank at, senior lecturer, department of mechanical engineering, University of the West Indies, is visiting in the School of Engineering until Aug. 30. 0

Graduate news

The final oral examination of Warren Foster, Department of Biomedical Sciences, a candidate for the M.Sc. degree, will be held July 28 at 9 a.m. in Room 308, Biomedical Sciences. The thesis is: "A Study of the Hypophyseal Angioarchitecture in the Rabbit." (*Oryctolagus cuniculus*). Interested members of the University community are invited to attend the examination. 0

Job opportunities

As of *at Guelph* deadline July 18, the following opportunities were available:

Systems Analyst III, Library. Salary range: \$27,956 minimum; \$34,945 mid-point; \$41,934 maximum.

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

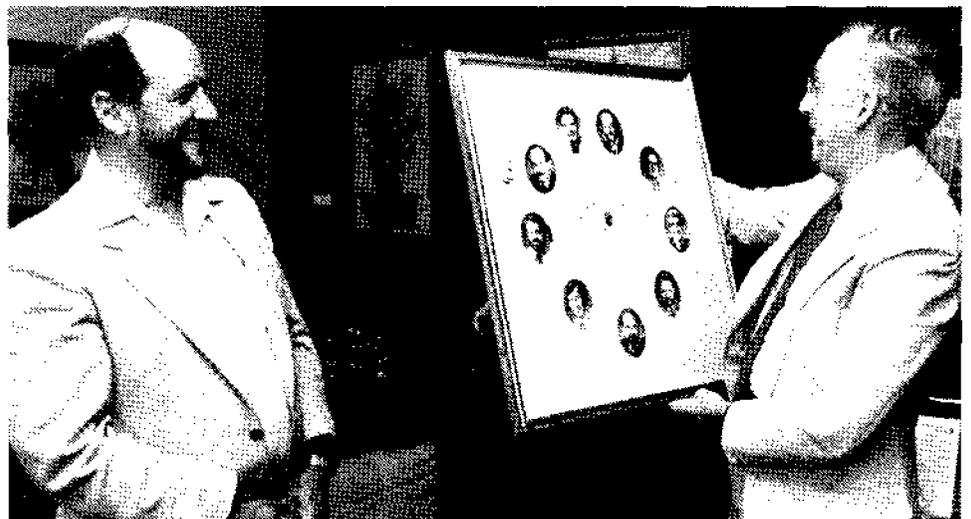
Secretary, Geography. Salary range: \$282.66 minimum; \$322.58 job rate (level 5); \$397.36 maximum.

Lead Hand - Custodian 1-4, Housekeeping Department. Job rate: \$10.67 per hour; probation rate: \$.20 per hour lower than job rate.

Secretary, Agricultural Economics and Business. Salary range: \$282.66 minimum; \$322.58 job rate (level 5); \$397.36 maximum.

Library Associate, Information Desk, Library. Salary range: \$348.55 minimum; \$401.64 job rate (level 5); \$497.00 maximum.

It is the University's policy to give prior consideration to on-campus applicants. To determine the availability of University employment opportunities, contact employment services and training, Level 5, University Centre, or telephone 836-4900.



Saying the gift will be among his fondest possessions, then vice-president, academic, Howard Clark, right, accepts a portrait collection of the University of Guelph Faculty Association "Rogues' Gallery" from UGFA chairman Prof. Phil Sweeny at a recent farewell reception.

Photo by John Majorossy, Illustration Services

already secured a \$10-million tax credit through Revenue Canada's scientific research tax credit program for research comparing the production attributes of black and white versus red and white Holsteins. "But there was a great deal of concern among the public and the scientific community when it was learned that this was to be the research basis of ... a very sizable tax credit research program," says Milligan. The concern was that there was no evidence there was going to be much of a difference between black and red cows.

The University was approached because of that concern, says Milligan, so "we began to discuss with Redgen the design of a research program and the possibility of conducting it jointly with Agriculture Canada."

Before agreeing to design or carry out the research, however, the University imposed a set of conditions: "We would have scientific control of the work and the animals used. There would be no interference with publication of the results. The University would own any technological advances realized. Redgen would provide the animals, the facilities and the annual operating budget. And the program would have to centre on genetics research on dairy cattle for a minimum of 10 years."

Milligan says the University planned to design "the most needed research that could be done with a population of 1,500 cows," which Redgen had already gathered for the project. "The backbone of the program would have entailed research of a new dairy cattle breed system that could double the rate of genetic improvement of Canadian dairy cattle. In addition, our researchers would have used the animals for studies of embryo transfer, physiology and nutrition."

As discussions evolved, it became apparent that the University would require an operating budget of \$500,000 a year to carry out this research, says Milligan. And the University decided it wanted the money up front.

"An important point in contemplating a major research program such as this was that it would have to continue for long enough to have generation turnover in the cattle," he says. "The University wasn't prepared to put time and resources into the program unless there was assurance of it continuing for 12 years. And we felt that such assurance would have to entail provision of the operational funds at the outset."

The University asked for a total of \$6.3 million — a non-refundable \$500,000 to design the program, \$300,000 for the first year and \$500,000 a year for the remaining 11 years.

The Bright firm, however, said it preferred to pay year by year, and that's when Redgen and the University parted company.

Milligan says Redgen has now gone back to talk to Holsteins Canada about what might become of the program. "I would suspect that Holsteins Canada would be sensitive to the need for good, relevant research being conducted in the dairy industry and being conducted for a long enough period of time to give results that we could have confidence in," he says. 0

International development award to Cairns

Thirty years of involvement in international education and development will be honored when John Cairns, retired director of the Centre for International Programs, receives the first Lewis Perinbam Award in International Development at a presentation dinner Sept. 30 on Parliament Hill.

Established to recognize excellence, imaginative leadership and exceptional service in the field of international development, the award honors either volunteers or professionals.

The award was set up by friends and associates of Perinbam, vice-president, special programs, the Canadian International Development Agency, to recognize his accomplishments and achievements in international development. The trustees will make

the \$2,500 award annually if worthy nominees are presented.

Cairns has been primarily involved in grass-roots projects in Third World countries, work he has continued since his retirement. Recently he headed a Canadian mission to examine the progress of an educational program for South Africa, a joint effort by a number of western nations to provide university scholarships that will help black students assume leadership roles.

He also travelled to West Africa to assess progress and aid in future planning by non-government organizations working in the area. He recently completed a working trip to Dominica in the Caribbean and Sulawesi in Indonesia to assess progress of a major Guelph development project. 0

Two join Sulawesi project

Two new people are joining Guelph's largest-ever international undertaking, the five-year Sulawesi Project, which is now entering its third year.

The \$42.2-million project, which is supported by the governments of Indonesia and Canada, involves an \$11.1-million contract between the Canadian International Development Agency and the University. The project is attempting to strengthen government institutions in the southern half of the island of Sulawesi and carry out several rural development projects in two provinces.

Gary Holm, who received his M.Sc. in Rural Extension Studies from Guelph this year on a CIDA international development scholarship, is replacing Charles Singer as regional adviser in Ujung Pandang, South Sulawesi. Holm has

more than 12 years overseas experience in planning and administering projects in Africa, primarily for Cuso.

Robert Steele replaces Guelph graduate Mary Coyle in Watampone, capital of the district of Bone in South Sulawesi. Steele was recently part of a multidisciplinary UN project that provided policy planning aid to the government of Malawi, East Africa.

Director of the Sulawesi Project is Prof. Harry Cummings, who holds a joint appointment in the University School of Rural Planning and Development and the Department of Rural Extension Studies. Chris Dagg, also located on campus, is project manager. Guelph faculty sit on a management committee and are called in as consultants on various aspects of the rural development project. 0

Appointments

Prof. Linda Wood, Psychology, will be acting director of the Gerontology Centre from Sept. 1 to Aug. 31, 1987, while Prof. Anne Martin-Matthews is on leave.

Prof. Ken Grant is acting chairman of the Department of Economics for one year or until a new chairman is found.

Prof. Norm Gibbins will be acting chairman of the Department of Microbiology beginning Sept. 1 for one year or until a new chairman is appointed.

Dr. Moira Ferguson, University of Montana, will join the Department of Zoology Oct. 1 as assistant professor in an already established position.

Dr. Anthony Winson, University of Western Ontario, will join the Department of Sociology and Anthropology Sept. 1 as assistant professor. He will fill an already existing position.

Ian Murray, School of Hotel and Food Administration, joined probationary faculty as assistant professor July 1 in an already existing position. 0



Rephotographed following a "lost film mishap" at Convocation are, left, Professor Emeritus Rex Burrell, and Honorary Fellow of the University of Guelph, Dr. Murdo MacKinnon.

Photo by John Hearn, PRI

Our people

A farewell reception for **Doug Auld**, chairman of the Department of Economics, will be held July 24 at 4:30 p.m. in the Faculty Club, Level 5, University Centre. Auld is leaving Guelph to become principal and executive director of the School of Natural Resources in Lindsay.

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Graduate student **David Benoit** is one of 12 Canadians to receive an award from the International Development Research Centre's 1986/87 Young Canadian Researchers Program. Benoit, who is a student in the Department of Agricultural Economics and Business, received the award for his project "Development of a Farming Systems Program Monitoring Strategy in Northern Belize."

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MLA student **Linda Langer** has received one of three research awards from the Landscape Architecture Foundation, Washington, D.C., for her proposal, "Therapeutic Landscapes: Perceptions by Psychiatric Patients of Landscapes with Therapeutic Value." It is the first time the foundation has given such an award to a Canadian student. Lang's adviser is Prof. Victor Chanasyk.

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Prof. Larry Peterson, Botany, has been appointed to the editorial board of the international journal *Scanning Electron Microscopy*.

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Andrew Reaume, a recent graduate of the B.Sc. program in molecular biology, has received an undergraduate research fellowship from the Genetics Society of America.

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Dr. Harry Rowsell, a former professor in OVC, recently received an honorary professorship from the Peking Union Medical College in Beijing, the first time a Chinese medical school has honored a member of the laboratory animal science community.

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Prof. Kenneth Graham, English Language and Literature, recently visited Portugal at the invitation of the Portuguese Society for 18th-Century Studies and the New University of Lisbon. He spoke to faculty and students at the university on "The Gothic Novel and the Revolt Against Order" and to the society on "Godwin, Burke and the Revolution Controversy in England."

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Cathy Smalley, who graduated from Guelph in 1977 with an Honors BA in drama and psychology, received the Brenda Donohue Memorial Award for outstanding contributions to Canadian theatre at this year's Dora Mayor Moore awards in Toronto. Smalley is executive director of Theatre Ontario.

Awards recognize contributions to OAC



Ross and Florence Brett of South Simcoe County are congratulated by OAC Dean Freeman McEwen.



Dr. Lloyd Weber of Guelph is presented with the OAC Outstanding Service Award by OAC Dean Freeman McEwen.

OAC Dean Freeman McEwen recently presented the college's Outstanding Service awards to Dr. Lloyd Weber of Guelph and Ross Brett of Tecumseh Township in South Simcoe County.

About 500 persons attended the recognition banquet that OAC holds annually to express its appreciation to business people who have contributed to the college's research, teaching and extension programs. These contributions include hosting students, giving lectures, providing resources for research and demonstrations, and serving on advisory or other committees.

Weber, a practising veterinarian, owns several enterprises under the name LEL Farms with his wife, Elaine. He has been involved in developmental research for pig and poultry production, collaborating with OAC and OVC faculty on product testing before the products are commercialized.

For many years, Weber has hosted farm visits and given lectures to students in several courses on campus. On the farm, he provides mini-lectures on such subjects as management techniques, health and markets. He has also served as a resource person in OAC extension

programs such as the poultry management school for producers.

Brett and his wife, Florence, run a 700-acre cash crop operation based on potatoes, asparagus, soybeans, barley and wheat. For more than 10 years, Brett has set aside prime land for long-term potato research conducted by OAC faculty and has provided labor and machinery to work the land and spray and store the crop. For several years he donated land, labor and machinery to support an extensive fertilizer experiment.

Brett has hosted several classes of OAC students to share his expertise in growing and marketing asparagus and potatoes. He also hosts many other groups of growers and meetings. 0

CORRECTION

In the July 10 issue of *at Guelph*, a cutline incorrectly located Prof. Jim Shute in the School of Rural Planning and Development. He is, in fact, a professor in the Department of Rural Extension Studies.

A SPECIAL DISPLAY of hooks celebrating the centennial of the automobile is at the Library until August. Geography professor Gerald Bloomfield has written a publication to accompany the display, entitled "The Motor Vehicle and its Impact: A Select List of Books to Celebrate the Centennial of the Automobile."

A HORTICULTURAL SCIENCE field day will be held Aug. 7 from 1 to 4 p.m. at the Cambridge Research Station. Research with vegetable, fruit and ornamental crops will be highlighted, and researchers will be on hand to discuss their trials. There will be displays and a turf clinic in the field laboratory.

THE UNIVERSITY CENTRE administration will take over operation of the UC box office. It will be integrated with the staff of the Information Desk.

APPLICATIONS for the McNamara Fellowship Program for the 1987 academic year are now available at the Centre for International Programs. Applications must reach the fellowship office by Nov. 1 at the following address: McNamara Fellowship Program, The Economic Development Institute, 1818 H St. NW, Washington, D.C. 20433. For more information, visit the Development Education Program at the centre.

THE SIXTH ANNUAL Terry Fox Run is Sept. 14. The annual 10-kilometre run was created a year after Fox died of cancer and has raised more than \$16.5 million for cancer research over the past five years. In 1980, Fox's Marathon of Hope across Canada raised \$27 million. The run will take place at 1,850 sites across Canada, the United States and around the world. For more information about run sites, contact the Canadian Cancer Society.

TOP WINNERS at the recent UGFA and Faculty Club golf tournament were: Dick Freeman, low gross (83); Bob McEwen, low net (69); John Hubert and Gary Spoor, two-man team low gross (176); John Freeman and Doug Badger, two-man team low net (141); Joe Vogelsburg, guest low gross (86); Don Hamilton, guest low net (65); Dave MacPherson, closest to the pin; and Strath Davis, most honest golfer (316). The golf committee wishes to acknowledge the generosity of local companies that donated prizes and the help of Gary Moore, Brent Taylor and Dave Overton and their staff.

THE NEW PRESIDENT of the Ontario Confederation of University Faculty Associations is Prof. John Starkey, department of geology, University of Western Ontario. He assumed office July 1, replacing Dr. Bill Jones. Starkey, who has taught at Western since 1965, has been OC UFA treasurer for the past two years.

SINGERS who wish to audition for the Guelph Chamber Choir are asked to contact Gerald Neufeld at 821-4915 during the last week of August. Auditions are Sept. 1 and 2.

THE PAULINE MCGIBBON Cultural Centre in Toronto has invited the Department of Fine Art to mount an exhibition of student artwork throughout the month of August. Some 25 senior students will exhibit paintings, drawings, prints and sculpture. An opening reception will be held at the centre Aug. 6 from 5 to 8 p.m. The show continues until Aug. 28. The centre is located at 86 Lombard St. in Toronto.

THE SOCIAL SCIENCES and Humanities Research Council has announced a new strategic grants theme — "Education and Work in a Changing Society." Included are seed money grants for the development of proposals, research grants and research workshops. For 1986, the deadline for applications is Sept. 1 for decisions in February 1987. Starting next year, the deadline will be April 1 for decisions in September. Further information is available from the Office of Research.

BULK FOOD PICK-UP for those who have placed orders is July 24 in Maritime Cafeteria.

THE FOURTH ANNUAL Advance Management Program for the Hospitality Industry, by the School of Hotel and Food Administration, was held recently on campus, with senior managers in the hospitality industry spending three weeks in an intensive training program. This year's graduation ceremony was marked by the special honoring of AMPHI's 100th graduate, Susan Yeigh-Hollyman, FACS '71, a former manager with the University's Food Services. She is now regional manager of Beaver Foods for Quebec.

FORTY HIGH SCHOOL honors math and science students from North York recently spent a day on campus touring research laboratories and listening to lectures. Vice-President, Academic, Jack MacDonald spoke to the students about "Linear Programming" and Prof. Frances Sharom, Chemistry and Biochemistry, discussed "Biotechnology — Now and the Future."

THE CO-ORDINATOR of the Guelph International Resource Centre, Daniela Ortmann, will attend an international conference of European and North American developmental educators in El Salvador during the last week of July. After the conference, Ortmann will go on to visit Guatemala. On her return, a presentation package with slides on Central America will be available upon request. Anyone interested in further information, or any groups interested in creating linkages in Central America should contact the centre at 822-3110.

MOUNT ALLISON UNIVERSITY invites applications and nominations for the position of vice-president (academic). The preferred starting date for the position is Jan. 1, 1987. Applications and nominations should be sent by Sept. 29 to Harvey Gilmour, Secretary, Search Committee for Vice-President (Academic), Mount Allison University, Sackville, N.B. E0A 3C0.

LIBRARY HOURS from now until Aug. 10 are Monday to Friday 8:30 a.m. to midnight; Saturday, Sunday and Civic Holiday, 9 a.m. to midnight. From Aug. 11 to 18, hours are as follows: Monday to Friday, 8:30 a.m. to 9 p.m.; Saturday and Sunday, noon to 9 p.m. From Aug. 19 to Sept. 1, the Library will be open Monday to Friday, 8:30 a.m. to 7 p.m.; Saturday, Sunday and Labor Day, noon to 7 p.m. From Sept. 2 to 7, hours are as follows: Tuesday to Friday, 8:30 a.m. to 10 p.m.; Saturday and Sunday, noon to 10 p.m. Regular semester hours begin Sept. 8.

A HISTORIC WALKING TOUR of Guelph, sponsored by the Guelph Arts Council, leaves from the Guelph Civic Museum, 6 Dublin St., July 27 at 2 p.m. Duration of the tour, which is entitled "Where Guelph Began," is about two hours. Cost is \$2. Walking tour booklets will be on sale prior to the tour at a cost of \$3. Other walking tours are scheduled for Aug. 10, Sept. 14 and 28. Each tour is led by an experienced guide. For more information, contact the arts council at 836-3280.

AUTISM AWARENESS DAY is July 26 and the Wellington County Chapter of the Ontario Society for Autistic Children will hold a special day of events and promotional awareness from 10 a.m. to 4 p.m. in St. George's Square. Mayor John Counsell and MPP Rick Ferraro will be in attendance; Norm Jary will be program emcee. For more information, call 836-6666.

THE CENTRE for Genetic Improvement of Livestock is hosting two international geneticists in connection with its search for the chair in animal breeding strategies. Interested faculty and graduate students are invited to their seminars, which will be held in Room 141, Animal Science and Nutrition building. On July 24 at 11 a.m., Dr. Charles Smith, Animal Breeding Research Organization, Edinburgh, Scotland, will discuss "New Animal Breeding Strategies." On July 28 at 11 a.m., Dr. Daniel Gianola, department of animal science, University of Illinois, will discuss "Genetic Evaluation with Non-Linear Statistical Models."

A RETIREMENT dessert/tea for Chris Taal, formerly of the associate dean's office, OVC, and now of Animal Care Services, will be held July 31 from 3 to 4 p.m. in Room 110, Laboratory Animal building. RSVP requested at Ext. 4300.

BRASS TAPS new hours of operation are 11 a.m. to 1 a.m. daily. Saturday hours remain 8 p.m. to 1 a.m. for the duration of the summer.

DUE TO CONSTRUCTION at OVC, part of parking lot P25 will be closed as of Aug. 4. Alternative parking can be found in P30, P59 and P26.

THE OFF-CAMPUS Housing Office needs temporary accommodation for students who have not yet found a place to live for the fall semester. If you can help with a temporary room, telephone Ext. 2347 or 3929.

Next week at Guelph

FRIDAY, July 25, 1986

Worship - CATHOLIC MASS, 8:10 a.m., Chapel, UC Level 5. Service continues at this time throughout summer.

SATURDAY, July 26, 1986

Cycling Club - NIAGARA FALLS WEEKEND, (Shaw Festival), 200 miles, contact David or Maggie, 837-1732.

SUNDAY, July 27, 1986

Cycling Club - RIDER'S CHOICE, 10 a.m., UC south doors.

Worship - CATHOLIC MASS, 10:10- a.m., Alumni Lounge; ECU-MENICAL CAMPUS MINISTRY, Sunday services are available at St. Matthias (Anglican), Kortright and Edinburgh; Kortright Presbyterian, Scottsdale; and Harcourt United Church, 87 Dean Ave.

Sunday Afternoon Walk - POND, 2 p.m., Nature Centre.

Guelph Arts Council - HISTORIC WALKING TOUR, 2 p.m., Guelph Civic Museum, 6 Dublin St., \$2.

MONDAY, July 28, 1986

Worship - CATHOLIC MASS, 5:10 p.m., Chapel, UC Level 5. Service continues at this time throughout summer.

TUESDAY, July 29, 1986

Worship - CATHOLIC MASS, 12:10 p.m., Chapel, UC Level 5. Service continues at this time throughout summer.

Film - COMPARTIMENTS TUEURS, 4 p.m., MacK 020.

WEDNESDAY, July 30, 1986

Wednesday Evening Excursion - SUMMER FIELDS, 7 p.m., Nature Centre, cancelled in raining at 5 p.m.

FRIDAY, Aug. 1, 1986

Schedule of Dates - CLASSES CONCLUDE.

The Club's Summer Film Series - MOONLIGHTING, 7:30 p.m., PS 113, members \$2, non-members \$3.

SUNDAY, Aug. 3, 1986

Cycling Club - BELFOUNTAIN, 70 miles, 10 a.m., UC south doors.

Worship - SEE JULY 27. **Sunday Afternoon Walk** - SENSES WALK, 2 p.m., Nature Centre.

MONDAY, Aug. 4, 1986

Schedule of Dates - CIVIC HOLIDAY, EXAMINATIONS BEGIN, Summer Session II classes scheduled.

WEDNESDAY, Aug. 6, 1986

Cycling Club - HESPELER (novice ride), 25 miles, 5 p.m., UC south doors.

THURSDAY, Aug. 7, 1986

Cambridge Research Station - HORTICULTURAL SCIENCE FIELD DAY, I to 4 p.m.

FRIDAY, Aug. 8, 1986

Schedule of Dates - REGISTRATION PAYMENTS due for in-course students in fall semester.

The Club's Summer Film Series - A NIGHT AT THE OPERA, 7:30 p.m., PS 113, members \$2, non-members \$3.

SATURDAY, Aug. 9, 1986

Arboretum - THE MUSIC OF INSECTS, 1 p.m. Nature Centre.

SUNDAY, Aug. 10, 1986

Cycling Club - ELORA GORGE, 45 miles, 10 a.m., UC south doors.

Worship - SEE JULY 27. **Sunday Afternoon Walk** - SUMMER FIELDS, 2 p.m., Nature Centre.

MONDAY, Aug. 11, 1986

Schedule of Dates - EXAMINATIONS CONCLUDE.

WEDNESDAY, Aug. 13, 1986

Cycling Club - GUELPH LINE, 30 miles, 5 p.m., UC south doors.

Wednesday Evening Excursion - HONEY BEES, 7 p.m., Nature Centre, cancelled in raining at 5 p.m.

THURSDAY, Aug. 14, 1986

Schedule of Dates - EXAMINATION RESULTS to be submitted by noon.

SUNDAY, Aug. 17, 1986

Cycling Club - GUELPH LAKE & MARYHILL, 40 miles, 10 a.m., UC south doors.

Worship - SEE JULY 27. **Sunday Afternoon Walk** - LIFE, DEATH AND DECAY IN THE WOODLOT, 2 p.m., Nature Centre.

MONDAY, Aug. 18, 1986

Lecture - RUTHENIUM-COBALT COMPLEXES AND SELECTIVE REACTIONS, Pierre Dixneuf, 3:30 p.m., CM 160.

WEDNESDAY, Aug. 20, 1986

Cycling Club - PUSLINCH LAKE, 29 miles, 5 p.m., UC south doors.

SUNDAY, Aug. 24, 1986

Worship - SEE JULY 27. **Sunday Afternoon Walk** - TREE IDENTIFICATION, 2 p.m., Nature Centre.

WEDNESDAY, Aug. 27, 1986

Wednesday Evening Excursion - INSECTS, 7 p.m., Nature Centre, cancelled in raining at 5 p.m.

SUNDAY, Aug. 31, 1986

Worship - SEE JULY 27. **Sunday Afternoon Walk** - HABITATS, 2 p.m., Nature Centre.



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