

Joining A River

Participants in Guelph's largest-ever international project have discovered that it's the people who are the most important ingredient. (Story, page 4.) 0

Noah's Ark

Labs in beef barn are excellence in adversity: COU delegation

Housing environmental biology facilities in a beef barn is a good example of excellence in adversity. That's the conclusion reached by a fact-finding team from the Council of Ontario Universities last Friday after a tour of the Guelph campus.

"I couldn't believe it," York University president Harry Arthurs said of the beef barn facilities. "I thought it was laid on for the tour."

The COU delegation was one of several that are visiting 11 cities in the province to lobby for increased post-secondary education funding and to see how universities are coping under adverse conditions.

COU chairman Brian Segal, president of Ryerson Polytechnical Institute, said at a press conference after the campus tour that he was amazed to see the Department of Environmental Biology's "state-of-the-art equipment and state-of-the-art people" working in a facility that is "awful." It's a "Noah's Ark," added Prof. Doug Auld, Department of Economics, who was a member of the delegation as Guelph's academic colleague to COU. "It's a good example of excellence in adversity," said Segal.

Arthurs noted the "old and dilapidated" ice rink at the Athletics Centre. "It's in use 20 hours a day, and the University wants to make it available to the community for recreational purposes."

The delegation also met with City of Guelph and Chamber of Commerce officials and the editorial board of the *Daily Mercury*. Segal said the city recognizes the importance of the University to the local economy. City officials expressed strong support for the University and said that in two recent cases, large industries decided to locate in Guelph partly because there is a university here.

"If we have done anything this visit," Segal said, "we have removed any complacency about this University and all universities. I think we have moved them to a greater sense of concern, and developed an understanding that things are really not well in the Ontario university system."

Universities have reached the point where there are really "no more rabbits in the hat," said Segal. "When you see a biology lab in a beef barn, you know a university has had to think up some imaginative ways to make do."

Of all the Canadian provinces, said Arthurs, "Ontario has for some time spent less on higher education than any other." In 1984-1985, Ontario ranked ninth in the country in terms of operating grants per student at \$5,127; the average for the rest of Canada was \$5,892. "We are going to go back to the government and tell them what we have found and what can be done about it," he said.

Arthurs said COU will recommend that Ontario universities get an additional \$60 million in each of the next three years to bring Ontario to the mid-range. The \$180 million represents two-tenths of one per cent of provincial expenditures, he said. 0

Herb Rauscher, Illustration Services.



Laboratory supplies stored in old stables, above, amazed visiting Council of Ontario Universities officials last week. This storage area is in the unrenovated part of the old beef barn. Renovated parts of the barn house environmental control cabinets and growth rooms. The "blue streak" around campus is the head of the Department of Environmental Biology, Susan McIver, whose department is located in 11 different buildings, with faculty offices in six.

College Royal & Open House Weekend

Guelph will welcome more than 40,000 visitors to campus this weekend for its annual College Royal and University Open House Weekend.

The open house gives the public a chance to see Guelph at its best and busiest. A variety of events and competitions is planned, including computer demonstrations, fashion shows, airplane tours, a livestock show, square dance competitions and a seeds and forage show. Other activities include an underwater hockey tournament, dog show, cat show, petting zoo, visual illusions magic show, and demonstrations of medieval fighting, dancing and singing.

(For full details, see "Next Week at Guelph.")

CFRB Radio, Toronto, will feature open house events on the "Art Drysdale Show" March 9 from 7:30 to 9 a.m., (1010 on the AM dial).

Open house hours are 9 a.m. to 5 p.m. Saturday and 11 a.m. to 5 p.m. Sunday. Parking is free, as is the shuttle bus service that circles the campus beginning at 11 a.m. on both days.

Campus maps and information about the displays in every University department will be available in the University Centre and at other locations across campus. 0

Popular credit courses offered again in spring semester

Guelph will again offer concentrated six-week credit courses during the spring semester. Introduced three years ago, the courses have the same academic content as their regular, 13-week counterparts. Session 1 runs from May 5 to June 21; Session 2, from July 2 to Aug. 19.

The courses are offered in a variety of disciplines and at a variety of academic levels. This year, they include "Introduction to Film," "Technical and Scientific Writing," "Family Law," "Principles of Behavior" and "History of Economic Thought." Professional development courses such as "Management Accounting," "Educational Psychology," "Administrative and Commercial French" and "Community Family Consultation" are featured in the July/August program to coincide with vacation time for working people.

The concentrated courses have proven popular with University employees, members of the public and undergraduate students at Guelph and other universities, says Sam

Luker, chairman of Part-Time and General Studies. Students welcome the chance to pick up a missed course or to study ahead while still having some time free during the summer months, he says. "And there is a bonus: classes are small and the campus is beautiful at that time of year."

Although the administration initially had some concern about the effect of studying in a concentrated block of time, "there is no indication at all that marks suffer," Luker says.

Faculty and students alike are generally positive about the teaching aspects of the program. Professors say the courses offer more discussion time and an opportunity to get to know their students better. Students say it's easier to sustain concentration for a short period.

For in-course students, the preregistration deadline for the six-week sessions is March 14. For more information about the spring program, contact the Office of the Registrar, Ext. 8731. 0

French-language services co-ordinator sought

A selection committee has been established to find a French-language services co-ordinator. Guelph is to offer its first discipline course in the French language in the 1986-1987 academic year. (See *at Guelph*, Jan. 9.) The position is for a faculty member who will be seconded on a 40-per-cent basis for a three-year term beginning July 1.

Reporting to the associate vice-president, academic, the co-ordinator will identify faculty members who can participate in courses, develop the courses in various disciplines and seek special funding from external sources to support the courses and related services.

Details of the terms of reference are available from the head of the selection committee, Dr. Janet Wardlaw, associate vice-president, academic. Nominations or applications should be submitted to Wardlaw by March 28.

Other members of the selection committee are: undergraduate student Celine Bak, School of Hotel and Food Administration; Dean Richard Barham, College of Family and Consumer Studies; Prof. Terry Crowley, Department of History; Prof. Ted Hadwen, Department of Sociology and Anthropology; and Prof. Neal Johnson, Department of Languages and Literatures. 0

Un comité de sélection a été établi pour le poste de coordonnateur/trice des cours et services en langue française. Guelph doit offrir son premier cours en française dans un domaine autre que celui des Etudes françaises au cours de l'année scolaire 1986-1987. (Voir *at Guelph*, numéro du 9 janvier.)

Le poste sera accordé à un membre du corps enseignant; celui/celle-ci sera libéré/e de ses charges académiques pendant 40 pourcent du temps, au cours d'une durée de trois ans à partir du premier juillet.

Le/la coordonnateur/trice travaillera sous la direction du vice-président académique. Ses responsabilités comprendront la création d'un répertoire des professeurs en mesure d'enseigner de tels cours; l'organisation des cours dans diverses disciplines; et le rassemblement de fonds auprès de sources externes pour le maintien des cours et services associés.

La version complète des termes du mandat est disponible sur demande adressée à la présidente du comité de sélection, la professeure Janet Wardlaw, vice-présidente académique agrégée. Toute proposition ou demande de candidats doit être reçue avant le 28 mars.

Le comité de sélection comprend également: Celine Bak, étudiante de premier cycle à l'École d'hotellerie; Richard Barham, doyen de la Faculté des sciences de la fan-idle et de la consommation; Terry Crowley, professeur, Département d'histoire; Ted Hadwen, professeur, Département de sociologie et anthropologie; et Neal Johnson, professeur, Département des Langues et Littératures. 0

(Translation courtesy of Prof. Dana Paramskas, director, French Studies, Department of Languages and Literatures.)

Working groups laid to rest; let's get on with the planning: Matthews

Guelph must direct its attention to forward strategic planning, President Burt Matthews said in a "Memo from the President" to all faculty and staff Feb. 26.

Matthews said he has dissolved Working Groups 1 and 2, and thanked the members for their efforts. The studies carried out by the working groups have been useful in determining "where we were," he said, and now "it is essential that we set out as clearly as possible where we intend to be in the next few years and what we intend to do to reach that point. I believe the mechanisms are in place to facilitate the strategic planning and implementation that is required."

Matthews said the strategic plans of the various academic units and major non-teaching units will be published as they become available during the next few months.

Working Group 1 recently completed a supplementary report on its assessment of scholarly activity of academic departments. Working Group 2 has submitted a report to the president identifying inadequacies in certain administrative functions or departments, and steps have been taken to correct these inadequacies, said Matthews. Working Group 2 also tried to evaluate the adequacy of resources allocated by administrative units, but this study met with limited success, he said. 0

Nutritional Sciences chairman sets new research direction

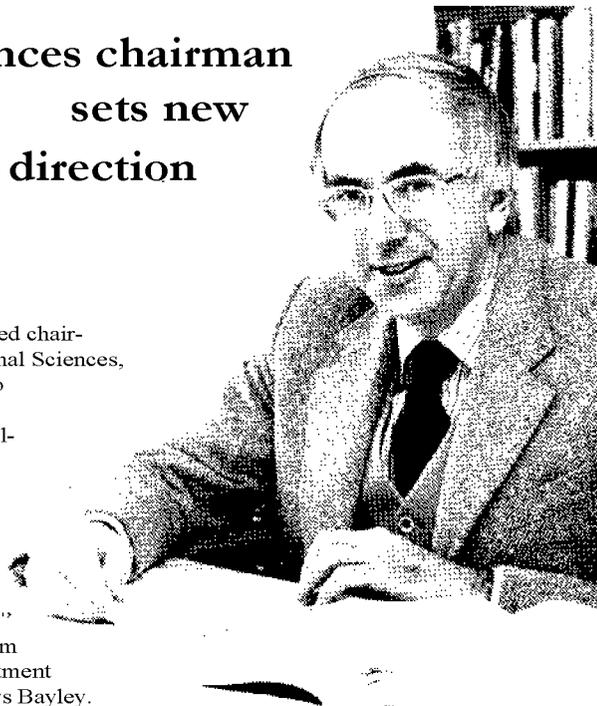
by Ian Sloan

Prof. Henry Bayley, newly appointed chairman of the Department of Nutritional Sciences, says his role in the department is to ensure that "the sum of the whole is greater than its parts." Collaboration both within and outside the department, and support for the department's goals within the University are two of his primary concerns, he says.

The department has just gone through a "period of introspection" that ended in a change of name from Department of Nutrition to Department of Nutritional Sciences last fall, says Bayley. The new name reflects a "clearer understanding" of departmental responsibilities, he says. Priorities have shifted away from research in particular nutrient groups to research that looks at more than one group at a time. As part of that shift, Bayley plans to encourage research that focuses on the response of systems and organs to diet.

Nutritional Sciences is the only department of its kind in Canada, says Bayley, and it has made a big contribution to the field by using the most up-to-date physical and chemical instruments to examine the function of individual groups of nutrients in biological processes. But this has tended to make faculty members isolated experts, he says. In addition, advances in equipment design have taken the challenge out of these research activities. The new challenge, he says, "is to dissect the biological processes taking place in whole systems ... from the sub-cellular to the whole animal."

The new emphasis in research is reflected in changes to the undergraduate program as well. In the past, students have



Henry Bayley.

Herb Knaeuper, Illustration Services

graduated with a degree in nutrition and biochemistry. From now on, they will graduate with a degree in nutritional sciences. With the change in name has come a reduction in the number of physical science courses students must take and greater freedom for them to develop study in a range of nutrition-based fields.

An important part of the research program in Nutritional Sciences, says Bayley, is its interaction with other disciplines both on campus and off. In his own work, he is collaborating with the department of pediatrics at McMaster Medical School on the potential of the contribution of medium level triglycerides to the improvement of formula for low-birth-weight infants.

Bayley, who is the longest-serving faculty member in Nutritional Sciences, was first appointed to the department in 1966. Last year he served as the department's undergraduate student counselor. 0

What's Guelph really like?

"When you've got it, flaunt it." That's how Cheryl Hemstreet, assistant registrar, liaison, sums up part of the philosophy behind March Counselling, the annual welcome Guelph extends to 1,500 high school seniors and their parents to explore the University and its possibilities.

"The best place to prospect for a university," says Hemstreet, "is the campus itself, and only by being here is it possible to fully appreciate just how much Guelph has to offer."

March Counselling, which runs March 10, 11 and 12, with about 500 students and parents attending each day, is timed for the March break immediately following College Royal and University Open House Weekend. Many March Counselling visitors come for College Royal and stay over, Hemstreet says.

Preparations for the counselling program began in December. All meeting rooms in the University Centre have been booked for the three days, and special arrangements have been made with the Parking Administration, Safety and Security, and Food Services to accommodate the guests. A team of resource people, including personnel from the Counselling and Student Resource Centre, academic counsellors and faculty from each of the colleges has been lined up. Their task is to convey to the visitors what Guelph is really like, touching on all aspects of campus life.

New this year is a series of special panel and private discussions that will give parents a chance to air their concerns on academic, financial and social matters.

The March Counselling program is intensive and discipline specific, says Hemstreet, and each day ends with two-hour tours of the colleges. She says the students should be able to return home with a good idea of not only what the University has to offer in general, but how it can meet their own specific needs. 0

Teaching conference invites session proposals

The Society for Teaching and Learning in Higher Education invites submissions of session proposals for its sixth annual conference on teaching and learning, which will be held on campus June 22 to 25.

The conference gives faculty, educational researchers, administrators and instructional developers a forum to discuss ways to improve teaching and learning in post-secondary education. Possible discussion topics include computer-assisted instruction, continuing education, peer assessment of teaching, study skills and learning outside the classroom.

Deadline for proposals is March 10. For more information, contact Don McIntosh, Office for Educational Practice. 0

Job opportunities

As of *at Guelph* deadline Feb. 28, the following opportunities were available:

Secretary, Dean's Office, OVC; maternity leave from March 12 to Aug. 8, 1986. Salary range: \$270.64 to \$291.88.

Technician, Land Resource Science; temporary full time for approximately one year. Salary range: \$368.51 to \$400.02.

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

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

Clerk, Department of Residences; full time, nine months a year. Salary range: \$236.66 minimum; \$274.53 job rate (level 5); \$340.23 maximum.

Library Assistant I, Track I, Science and Veterinary Science, Library. Salary range: \$236.66 minimum; \$274.53 job rate (level 5); \$340.23 maximum.

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

JOINING A RIVER . . .

by Ann Middleton

Guelph's largest-ever international undertaking, the five-year Sulawesi Project, is in high gear as it nears the end of its second year. The \$42.2-million project is supported by the governments of Indonesia and Canada, with the Canadian International Development Agency providing the Canadian loan and grant funds.

The aim of the project, which involves an \$11.1-million contract between CIDA and the University, is to strengthen government institutions in the southern half of the island of Sulawesi, and to carry out a number of rural development projects in two specific areas. Project director Harry Cummings, who holds a joint appointment in the University School of Rural Planning and Development and the Department of Agricultural Economics and Business, says there has already been an improvement in co-ordination among all levels of government in south and southeastern Sulawesi as well as a strengthening of the two district planning agencies.

Sulawesi is a little-developed island, a bit smaller than Newfoundland. Its mountainous terrain makes road building difficult and has contributed to weak local economies and poor marketing opportunities.

A number of initiatives have been taken to improve the lot of the poorest people in the two integrated project areas — Sanrego and Gu-Mawasangka. Fish ponds have been developed to supplement the rice and corn diet of the Sanrego valley, and a bridge has been installed across a river to improve communications. In Gu-Mawasangka, a boat and motor are allowing a group of subsistence-level fishermen to increase their income, and goats and extension services are being provided for farm families. A simple brick-making establishment has been set up to provide limestone blocks for local housing.

Guelph has a team of six people working on the project. Field team leader Tim Babcock, a Canadian who has lived in Indonesia for 10 years, says the team is there primarily to act as "advisers, not doers." The Canadians work with Indonesian counterparts at national, regional and local levels. Babcock works with national government agencies in Jakarta, while the team's regional and rural advisers are located in Sulawesi, more than 1,000 miles and many light years away from the hustle and bustle of the capital.

Ray Catchpole and Charles Singer, the regional advisers, work with officials of southeast and south Sulawesi, divisions somewhat akin to the smaller Canadian provinces. Closer to the grassroots level, but still not at village level, are rural advisers Mary Coyle and Dwight Watson, both Guelph graduates. They work with the district heads or "bupati."

It is Guelph graduate students participating in the project who most often work at village level. Judy Halladay, a 1981 human nutrition graduate, recently returned from south Sulawesi, where Singer and Coyle are located. Her research there concerned the nutrition of children from birth to the age of five, an important subject in a country



Above, Sulawesi Project director Harry Cummings and Sanrego district officers stand at the edge of the Sanrego Integrated Development Project. The project is administered at the University in association with the Centre for International Programs. At right, a water buffalo is used to plow a paddy field.

where 20 per cent of children die before the age of five. Halladay interviewed mothers and came up with a number of recommendations for health care improvement in the village.

Excessive concern

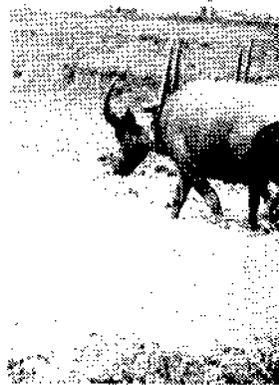
Perhaps the most difficult part of Halladay's experience, she says, was the excessive concern the Indonesians showed for her safety. An independent and seasoned traveller, she was trailed by police officials, village elders and the leader of the local mosque whenever she went on interviews. In an area where tourists are unknown and foreign women rare, trips to the latrine were considered dangerous forays for the Canadian visitor. The village people were, however, extremely kind and hospitable, she says. Even at the home of her translator and friend, she was not allowed to eat cold leftovers with the family because the food might offend her sensitive foreign stomach.

When Halladay discussed the overprotective treatment with the bupati, he explained the local concern. Holding a glass ashtray up for her inspection, he said, "You're like a piece of glass. They won't let you fall because you might break."

Despite the kid-glove treatment, Halladay did manage to collect information for her thesis and make a report to the Indonesian government. She found that the health and nutrition information provided by Jakarta is not getting to the women in the villages where she worked, although it is effectively disseminated in some other areas of the country.

Halladay also discovered several common practices that contribute to high infant mortality. Some mothers, for example, reduce their food intake during pregnancy, as well as their consumption of the local protein staple, dried fish. Children up to two years of age are usually breast-fed on a milk supply that may be insufficient. Supplements, if they are given, tend to be rice or corn, but not fish, which is thought to cause worms in small children. Halladay notes, however, that in most villages there are women who could provide positive role models in nutrition and health care. She suggests that the government recognize these women and that local forums be set up to discuss these issues.

While Halladay was staying with village families, Coyle was living with her husband and three daughters in Watampone, capital of the district of Bone in south Sulawesi,



where they are among a handful of westerners in a city of about 40,000. In a recent seminar at Guelph, Coyle explained why the Indonesian experience has changed her views on development projects. "I wasn't really big on roads and bridges as rural development projects," she says. But after travelling many miles over poor roads and particularly after an abortive trip to a village meeting last winter, "I am now." On that trip during the rainy season, the visitors were turned back by an unbridged river in full spate, almost within smell of the fatted calf that the villagers had slaughtered and cooked in their honor.

Long-term commitment

Advisers and on-site members of the project all agree that learning is just as important as teaching in projects of this kind. "It is difficult to help people change their own development," Coyle says. To do so, "we must gain a better understanding of village dynamics. We've hardly scratched the surface." Although Coyle will be return-



ing to Canada at the end of August, she says it's important to recognize that this is a long-term commitment. At the end of the five years, "we must help to set up a follow-up, although not necessarily from Canada."

Catchpole and Watson will be staying on, probably for the remaining three years of the project, while Singer will return about the same time as the Coyles. Babcock will continue his work in Jakarta, and the sixth member of the team, senior project adviser Bruce Bailey, also plans to stay on in the Indonesian capital.

Working between regional and village level planners, Coyle has developed a good understanding of the problems of planning, evaluating and managing projects at the local level. She says the villager is often merely a passive recipient of plans that are passed down from the regional level and carried out by the more important people in the village.

In theory, she says, Indonesia has "a very beautiful bottom-up set up of development," with clearly defined channels of communication from the village to the district, provincial, regional and national levels. Although the country is committed to making that system work, she says, in practice much planning is still done at the national and regional levels.

Babcock says many of the problems are logistical, the result of bureaucracy and transportation difficulties in a country where 165 million people live on 1,000 islands scattered in an archipelago as broad as Canada.

South Sulawesi is the site of several former kingdoms and the old ties of aristocracy remain, creating confusions not only for foreigners, but for Indonesians from other areas, Coyle says. It is still common, she says, for bosses of aristocratic background to address their employees as "anak" or "children," while they are themselves called "bapak" or "father."

All the Canadians involved in the Sulawesi Project have had to wrestle with Indonesia's national language, Bahasa. Catchpole, who also gave a seminar on campus, says it's essential to learn the language not only to do the job but to enjoy life. He studies vocabulary for an hour every morning over breakfast, then has lots of opportunities to practise at work and social gatherings. He is now able to participate fairly comfortably in meetings, write memos and chat at parties. The most difficult thing for a foreigner, he says, is understanding the jokes.

Coyle, whose first degree is in languages, also emphasizes the importance of being able to communicate. "Language is the key," she says. "Everything is in Indonesian. I eat, drink, dream, work in the language."

Constant traffic

There is constant traffic between Sulawesi and Guelph, with project director Cummings and project manager Chris Dagg making semi-annual visits and three graduate students now in the field. Stefan Wodicka and Fiona MacPhail are studying rural co-operatives, and Ron Martens is developing an approach to the evaluation of rural development projects in Bau Bau (Watson's headquarters) and Watampone. John Cairns, recently retired director of the Centre for International Programs, and Prof. Jackie Wolfe, who holds a joint appointment in the Department of Geography and USRP&D, visited Sulawesi as representatives of the project management committee in December.

Another committee member, Prof. Truman Phillips, Agricultural Economics and Business, was in Sulawesi to help set up computers in the offices of the Guelph team. In addition, Prof. Michael Moss, chairman of the Department of Geography, spent six months in the country, working with a local consultant to develop a land resource plan for south and southeast Sulawesi.

Sulawesi has a tremendous interest in computers, says Phillips, but technology



Graduate student Judy Halladay was treated "like a piece of glass."

transfer to the still developing country faces a number of problems. Electrical voltage varies between 110 and 220, sometimes in the same building, "so it is easy to blow the power unit," he says. Hydro breakdowns are frequent and the computers respond to heat stress and dust by developing corrosion and mould. Servicing is also difficult. "When the boat sank in Raha," Phillips says, "I knew they wouldn't be making regular computer calls."

Many people involved in the project have no knowledge of computers. Phillips recalls showing an adviser the inside of a computer: "He looked like he was watching open heart surgery."

The Guelph visitors to Sulawesi have found that transportation in a country made up of more than 3,000 islands (only one-third are inhabited) can be treacherous. Although ferries are frequent and Sulawesi has the largest merchant sailing fleet in the world, the sailor is always at the mercy of the sea. This message was brought home to a group that included Cummings and Prof. Jim Shute, Department of Rural Extension Studies, on a crossing by open boat from southeastern Sulawesi to the island of Muria. Early in the three-mile journey, waves began to swamp the vessel, and by the time it finally limped to shore, the shivering, soaking passengers had seen their lives pass before them several times.

It's not surprising in such surroundings that advisers should use watery imagery to describe their work in Sulawesi. Catchpole compares the development process to "joining a river," and says the most important ingredient in the stream is the people. It is for these ultimate beneficiaries that the Canadians want to help "raise the level of the poorest and least-developed villages up to the middle level."

Cummings puts it another way: "By strengthening the district planning agency and its role, we are moving one step closer to the people. Ideally we would like the people to have a direct say in government. The challenge is to institutionalize these changes so that they'll continue after our people go." O

Briefly

FEATURED PERFORMERS in the Thursday noon-hour concert March 6 are Keith Puddy, clarinet, and Boyd McDonald, forte-piano. Puddy is a professor of clarinet and an honorary fellow of the Trinity College of Music. McDonald teaches in the faculty of music at Wilfrid Laurier University. Program I at 12:10 p.m. in Room 107, MacKinnon building, will consist of "Concerto in D for Clarinet in D and Strings" by Johann Molter; "Twelve Variations on the Folie d'Espagne for Fortepiano" by Bach; "Minuet and Trio from Sonata for A Clarinet and Fortepiano" by Archduke Rudolf of Austria; and "Sonata in B flat for Clarinet in B flat and Fortepiano" by Johann Wanhall. Program II at 1:10 will feature "Fragment for Basset Horn in F, KV6: 484e," by Mozart; "Sonata in F for Basset Horn and Fortepiano" by Franz Danzi; "Rondo in A minor, K.511 for Fortepiano" by Mozart; and "Sonata No. 5 in D minor for Clarinet in C from 'Method pour Clarinette'" by Xavier Lefevre.

THE FINAL LECTURE in the series "Entrepreneurship and Your Business" with entrepreneur-in-residence Donald McQueen Shaver is March 12 at 3:10 p.m. in room 101, Physical Sciences building. Shaver's topic is "Innovation and Leadership."

THE DISTINGUISHED LECTURER this semester in (GWP)² is Dr. Homer Hagstrum, who was head of surface physics research at Bell Laboratories in New Jersey from 1954 to 1978. A leader in the field of surface science, Hagstrum's many honors include fellowships in the American Physical Society and the New York Academy of Sciences. He will speak at the University of Waterloo March 14 at 3 p.m. in Room 145, Physics building, discussing "The Role of Tunnelling in Surface Science."

THE MACDONALD Stewart Art Centre is featuring watercolor paintings by Barry McCarthy, a 1975 graduate of Guelph, until March 23. The exhibition surveys McCarthy's work since 1979 and introduces several new, large-scale pieces. The art centre is also featuring the exhibition "Body Languages" by David Rokeby until April 13.

Letters to the Editor

Appreciation for article

I wish to express my appreciation for the article "Searching For Academic Excellence," which appeared in the Feb. 20 issue of *at Guelph*.

I think that kind of discussion will do more to encourage scholarly activity and objective peer evaluation than any formal statement of aims and objectives.

Prof Art Hill,
Department of Food Science.

CRAFTSPEOPLE from Wellington, Waterloo, Wentworth, Halton and Dufferin counties are invited to submit up to three pieces of work to Craftworks '86, the Guelph Arts Council's third annual juried exhibition. Entries must be delivered to the council centre, 21 King St., April 19 or 20 from noon to 4 p.m. Entry fee is \$10 for council members, \$15 for non-members. Craftworks '86 will run from May 2 to 17 at the Claysmith Gallery, 28 Wilson St. For more information and entry forms, telephone 836-3280.

TALKING POINTS, a series of radio features packaged by the University, can be heard on CKO Radio (99.1 FM) Sundays at 9:47 a.m., 1:47 p.m. and 10:47 p.m.

THE WINNERS of the essay prizes from the Burns Association of London Ontario will receive their awards during the College Royal square dance competition, which begins at 1:30 p.m. in the Athletics Centre. The awards will be presented by Dr. Jim Connors, incoming president of the World Burns Federation. The prizes were established at Guelph to commemorate the 200th anniversary of the publication of Robert Burns's *Poems*.

THE PROFESSIONAL Staff Association is sponsoring a noon-hour series of films on topics of special interest to professional and managerial employees. The series begins this semester with two films starring John Cleese of Monty Python fame. "Meetings, Bloody Meetings" will be shown March 13 and "Decisions, Decisions" will be shown April 17. Both films are at 12:10 and 1:10 p.m. in Room 441, University Centre.

THE DEVELOPMENT Education Program has just received a list of job openings available within the Canadian Non-Governmental Organization community, both in Canada and overseas. This list can be seen at the Centre for International Programs, 15 University Ave. E., second floor.

INTERNATIONAL WOMEN'S DAY is March 8, and several events are planned in Guelph to celebrate the day. On March 7 beginning at 7 p.m., there will be films, an information exchange and a craft fair at St. George's School, 121 King St. On March 8, women will meet in St. George's Square at noon to continue the tradition of walking in memory of the thousands of women who have marched in protest, solidarity and celebration. At 2 p.m. at St. George's School, Maude Barlow, first adviser on women's issues to former prime minister Pierre Trudeau, will speak on "Women and Employment." At 8 p.m., there will be a dance at the Loft, corner of Carden and Wilson streets. On March 9 at 10:30 a.m., Marta Monchez, a representative from AMPES Progressive Women of El Salvador, will speak at the Unitarian Fellowship, Exhibition and Powell streets.

OVC STUDENTS will be participating early in Animal Health Week '86, which runs from April 14 to 20. Because of April examinations, the students plan to celebrate this national event by giving away AHW buttons, coloring books and newspapers at College Royal March 8 and 9. Look for their booth in the OVC main building. Any OVC students willing to help staff the booth should contact Scott Reid, Box 339, OVC.

THE DEVELOPMENT Education Program and OPIRG are sponsoring a fund-raising skills workshop March 11 from 7 to 10 p.m. as part of the "Education For Action" series. This workshop will deal with how to prepare strategies for fund-raising and techniques that can be used for non-profit organizations. It will be led by Barbara Salamon and Rosemary Smith of the Guelph Arts Council. For registration and information, please call Gayle at Ext. 2129 or Susan at Ext. 3778. Cost is \$5.

THE LAST in a series of noon-hour discussions on "Culture and the University," sponsored by the Senate Advisory Committee on Liberal Education and the Counselling and Student Resource Centre, is March 10 at 12:10 p.m. in Room 442, University Centre. Scheduled speakers are: Andre Auger, CSRC; Prof. Tom Tritschler, Fine Art; Prof. Don Stewart, Philosophy; and retired professor Hugh Dale, Botany.

THE DEPARTMENT OF MUSIC presents the third concert in its faculty recital series March 9 at 3:30 p.m. in Room 107, MacKinnon building. The recital will feature Jennifer Langton on flute, Leslie Kinton on piano and Bruce French on classical guitar. The program will include "Andante in C major" by Mozart; "Sonata in E major" by Bach; "Sonata for Flute and Piano" by Poulenc; "Prelude and Tombeau" by Weiss; "Andante Largo" by Sor; and "Gavotta and Walze" by Pouce. Tickets are \$5 general, \$4 for students and senior citizens, and are available at the University Centre box office.

CONTINUING EDUCATION'S free discussion series on research at Guelph focuses on "Genetic Engineering: Promise or Peril" March 12 at 7:30 p.m. in Room 204, Landscape Architecture building. Prof. John Phillips, Molecular Biology and Genetics, will discuss prominent developments in genetic technology and applications in domestic animals and humans.

CANADIAN STUDENT PUGWASH presents a panel discussion on "Use of Animals in Scientific Research: An Ethical and Moral Dilemma" March 11 at 7:30 p.m. in Room 204, Landscape Architecture building. Panelists are Dr. Harry Rowsell, executive director of the Canadian Council on Animal Care, Ottawa; Vicki Miller, an animal rights activist with ARKII in Toronto; Prof. Hugh Lehman, Philosophy; and Prof. Dean Percy, Pathology.

SSP system monitors liaison efforts

The admissions office, Office of the Registrar, launched its computer-based Secondary School Profile recently at a seminar for University directors and deans.

The system allows the office to monitor the visits members of the University make to provincial high schools, as well as the contacts schools make with the University.

Cheryl Hemstreet, program co-ordinator, said the data gathered will allow for better planning in the visitation and contact area, and will eventually provide academic units with a correlation between high schools visited and application and registration in their programs.

The SSP is "important for our planning process from this point on," said Peter Tron, associate registrar, admissions. And crucial to the success of the program, he said, is the input of individual departments.

He asked the deans and directors to give admissions an update of secondary school visits and contacts on a biyearly basis.

Interest was expressed at the seminar for a more qualitative component to the system. Jack MacDonald, dean of the College of Physical Science, said that at some point admissions might want to be more explicit as to the type of visit made, or contact established. Tron said this might be done at the departmental level, with departments or colleges developing their own accounting system.

Prof. Al Dyer, Computing and Information Science, commented on the possibilities of performance evaluation in the system. He said visitors to schools could evaluate resources and standards, with an eye to helping departments concentrate their information programs. 0

Personals

For Sale: Two-piece French provincial sofa and chair, royal blue; four leather-top cherry tables; oak dining room set; living room accessories, 822-8356, evenings. 1979 Plymouth Caravelle wagon, Tricia, Ext. 2441 or Michael, 837-2457. 1977 Malibu Classic, two-door, 821-2583, after 6 p.m. Three-bedroom house, air-conditioned, three bathrooms, 836-7256. TRS80 Model I, memory enlarged to 64K with monitor, tape recorder and software cassettes, 821-5096. Sewing machine; Selectric typewriter; 22-volume cooking encyclopedia; child's wagon, 836-3956. RCA color video sound camera and large tripod, 843-5778, after 6 p.m. Sides of beef, no artificial feed additives or growth hormones, professionally butchered, 855-6320, after 6 p.m. IBM PC, Mannesman printer and Hayes 300B modem, 836-3256, after 7 p.m. Men's all-weather coat; skates; lined snow boots; ski suit; six-pane window mirror; blue jeans, 822-3129.

Wanted: One- or two-bedroom apartment/flat or room for one, for September, within 20-minute walk of campus, Kathy, 821-3848. Student volunteers for Arboretum's maple syrup program from March 8 to April 10 -- puppetry, tapping trees, collecting sap, making syrup and providing information to group tours and visitors on weekends; flexible hours; send name, campus box number and phone number to Alan Watson, Arboretum.

Our people

Ed Janzen, manager of salary administration and records, Personnel, is leaving the University to take a position at the University of Toronto. A wine and cheese reception will be held in his honor March 11 from 4:30 to 6 p.m. in the Faculty Club. To attend, contact Joyce Judson, Ext. 3356, by Feb. 28.

THE DEPARTMENT of Food Science will have ice cream for sale March 7 from 1 to 2 p.m. in Room 025, Food Science building. Cost is \$12 for 10 litres.

Awards

The Gerontology Research Council of Ontario graduate student fellowships were recently presented. At right, recipient Laurie Thompson of Charlotte-town, P.E.I., Rural Extension Studies, with her supervisor Prof. Don Blackburn.



At left, Lucille Dickinson of Guelph, Family Studies, with a member of her committee, Prof. Joseph Tindale. Missing: Janice Keefe of Kincora, P.E.I., Sociology and Anthropology.



Herb Reuscher, Illustration Services

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WEDNESDAY, March 12, 1986

Worship — ANGLICAN HOLY COMMUNION, noon, Chapel, UC Level 5.

Biochemistry Seminar — STRESS SYNDROME IN PLANTS: POSITIVE CELLULAR RESPONSES, Derek Bewley, noon, PS 222.

Concert — UNIVERSITY OF GUELPH DANCE PERFORMANCE, noon, UC courtyard.

CSRC — COMMUNICATION WORKSHOP, CLOSE ENCOUNTERS, 6 p.m., register at Connection Desk; WRITING ASSISTANCE, 5:30 to 9 p.m., Lib 359.

Entrepreneurship and Your Business — INNOVATION AND LEADERSHIP, John McQueen Shaver, 3:10 p.m., PS 101.

Theology from Experience — L'ARCHE, CHRISTIAN COMMUNITY: LIVING WITH THE HANDICAPPED, Val Bozzer, 7:30 p.m., UC 335.

Discussion — GENETIC ENGINEERING: PROMISE OR PERIL,

John Phillips, 7:30 p.m., LA 204.

Anti-Apartheid Week — THE SOUTH AFRICAN REALITY, 8 p.m., UC 103.

THURSDAY, March 13, 1986

Pathology Seminar — CANINE COLITIS: A CLINICOPATHOLOGIC STUDY, M. Spinato, 11:10 a.m., Path 220.

A Better World — NUTRITION AND CANCER, Shrinivas Dhanakoti, noon, MacK 132.

Concert — ALICE ARTZT, classical guitar, 12:10 and 1:10 p.m., MacK 107.

Worship — SCRIPTURE STUDY, 1:10 p.m., MacK 313; THE CATHOLIC APPROACH, 4:10 p.m., UC 335; SHARED PRAYER, 5:10 p.m., Chapel, UC Level 5; COMMUNITY DROP-IN, 6 p.m., UC 335.

Guelph Field Naturalists — FROM THE SAHARA TO THE SERENGETI, Ron Reid, 7:45 p.m., Arboretum Centre.

Anti-Apartheid Week — SOUTH AFRICAN CULTURAL EVENING, 8 p.m., UC 442.

Next Week at Guelph

THURSDAY, March 6, 1986

Pathology **Seminar** - STEROID-RESPONSIVE MENINGO ENCEPHALITIS IN THE DOG, E. Scott, 11:10 a.m., Path 220.

A **Better** World - TECHNOLOGY TRANSFER TO THE THIRD WORLD: COSY GOES TO THE CARIBBEAN, John Black, noon, MacK 132.

Concert - KEITH PUDDY and BOYD MCDONALD, clarinet and fortepiano, 12:10 and 1:10 p.m., MacK 107.

Seminar - ANALYSING LINKAGES BETWEEN DOMESTIC AND INTERNATIONAL MARKETS, David Blandford, 1 p.m., MacK 119.

Worship SCRIPTURE STUDY, 1:10 p.m., MacK 313; THE CATHOLIC APPROACH, 4:10 p.m., UC 335; SHARED PRAYER, 5:10 p.m., Chapel, UC Level 5; COMMUNITY DROP-IN, 6 p.m., UC 335.

Apiculture Club - PREPARATION FOR COLLEGE ROYAL, 5:10 p.m., Graham 200.

College Royal - CURTAIN CALL, 7:50 p.m., WMH.

Lecture - IMPLICATIONS FOR CANADA OF U.S. FARM AND TRADE POLICIES, David Blandford, 8 p.m., Eng 102.

FRIDAY, March 7, 1986

College Royal - INTERCOLLEGIATE JUDGING, 7 a.m., AC; DOG SHOW, 5 p.m., AC arena; FLOWER-ARRANGING COMPETITION, 6:30 p.m., Hort; CURTAIN CALL, 7:50 p.m., WMH; FASHION SHOW, 8 p.m., PCH.

Worship - CATHOLIC MASS, 8:10 a.m., Chapel, UC Level 5; FACULTY CHRISTIAN FELLOWSHIP, noon, JH 151; FAITH AND INTELLECTUAL LIFE, noon, UC 334; MUSLIM CONGREGATIONAL PRAYERS, 12:30 p.m., UC 533; CHINESE CHRISTIAN FELLOWSHIP, 7 p.m., MacK 117A.

Lecture - A NEW DIRECTION IN PHILOSOPHY: LONERGAN, Hugo Maynell, 2 p.m., MacK 132.

International Women's Day - FILM FESTIVAL AND INFORMATION EXCHANGE, 7 p.m., St. George's School, 121 King St.

SATURDAY, March 8, 1986

College Royal - OPEN HOUSE, 9 a.m. to 5 p.m., across campus; FLY DAYS, 9 a.m., tickets in UC; LIVESTOCK SHOW, 9 a.m., AC arena; CROPS & FORAGE SHOW, 9 a.m., CS 121; FLOWER-ARRANGING COMPETITION, 9 to 10 a.m., Hort; JURIED ART SHOW, 9 a.m. Lib; MAPLE SYRUP EXHIBIT, 9:30 a.m. to 3:30 p.m., Nature Centre; CHEMISTRY MAGIC SHOW, 10 a.m., 2 and 4 p.m., Chem 200; SYNCHRONIZED SWIMMING, 10 a.m. and 2:30 p.m., AC; MEDIEVAL TOURNAMENT, 10 a.m. to 3:30 p.m., AC; PERFORMING DANCE GROUP, 11 a.m., AC; CAMPUS BUS TOURS, 11 a.m. to 4:30 p.m., meet at UC; LIVE ANIMAL SURGERY, 11 a.m., 1 and 3 p.m., OVC Hospital; OFFICIAL OPENING, 11 a.m., AC arena; RESIDENCE TOURS, 1 and 3 p.m., meet at UC; SQUARE DANCE COMPULSORY, 1:30 p.m., AC; CAT SHOW, 2 p.m., PS 105; FASHION SHOW, 2:30 and 4:30 p.m., PCH; SQUARE DANCE OPTIONALS, 7 p.m., AC; CURTAIN CALL, 7:50 p.m., WMH.

International Women's Day - LECTURE, Maude Barlow, 2 p.m., St. George's School, 121 King St.

SUNDAY, March 9, 1986

Worship - ECUMENICAL CAMPUS MINISTRY (Anglican, United, Presbyterian), 10 a.m., Chapel, UC Level 5. CATHOLIC MASS, 10:10 a.m., PCH; UNIVERSITY BIBLE STUDIES, 10:15 a.m., PS 105.

College Royal - UNDERWATER HOCKEY TOURNAMENT, 9 a.m. to 4 p.m., AC pool; OPEN HOUSE, 11 a.m. to 5 p.m., across campus; FLY DAYS, 11 a.m., tickets in UC; OLD MACDONALD'S FARM, 11 a.m., Old Dairy Barn; CROPS & FORAGE SHOW, 11 a.m., CS 121; FLOWER ARRANGING, 11 a.m., Hort; WOODSMEN'S COMPETITION, 11 a.m., AC; CAMPUS BUS TOURS, 11 a.m. to 4:30 p.m., meet at UC; LIVE ANIMAL SURGERY, 11 a.m., 1 and 3 p.m., OVC Hospital; MAPLE SYRUP EXHIBIT, 11 a.m. to 3:30 p.m., Nature Centre; PERFORMING DANCE GROUP, noon, AC; AG

MECH TRACTOR PULL, 1 p.m., Eng 112; ALUMNI SQUARE DANCING 1 p.m., AC; RESIDENCE TOURS, 1 and 3 p.m., meet in UC; FASHION SHOW, 1:30 and 3:30 p.m., PCH; CHEMISTRY MAGIC SHOW, 1 and 3:30 p.m., Chem 200; CAT SHOW, 2 p.m., PS 105; BRIDGE-BUILDING CONTEST, 3 p.m., Eng.

Concert - FACULTY RECITAL SERIES, Jennifer Langton, flute, Leslie Kinton, piano, Bruce French, classical guitar, 3:30 p.m., MacK 107, \$5 general, \$4 students and seniors.

International Cinema - A JOKE OF DESTINY (Italy, 1984), 8 p.m., PS 105.

MONDAY, March 10, 1986

Anti-Apartheid Week - KICK-OFF AND INFORMATION DISPLAY, noon, UC courtyard.

Liberal Education Series - CULTURE AND THE UNIVERSITY, 12:10 p.m. UC 442.

Housing Industry Lecture Series - PROVINCIAL GOVERNMENT, Chris Terry, 2:10 p.m., HAFA 301.

Engineering Seminar - KINETICS OF MEAT EMULSION COOKING, Lino Correia, 3:10 p.m., Eng 112B.

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

Continuing Education - JAIL APPRECIATION, John Zadro, 6 weeks, 7 to 10 p.m., register Ext. 3957.

Film - GODSPELL, 7 p.m., LRS 124, free.

TUESDAY, March 11, 1986

Worship - CATHOLIC MASS, 12:10 p.m., Chapel, UC Level 5; SCRIPTURE ALIVE, 4:10 p.m., UC 335; FAITHFUL CURIOUS, 5 p.m., UC 334.

Our World - WOMEN HELPING THEMSELVES, 12:10 p.m., UC 332.

Human Biology Seminar HEAT BALANCE IN THE PERIPHERY AT REST AND DURING EXERCISE IN WATER -- Implication for Muscle as an Insulator, D. Rennie, 2 p.m., HB 108.

Continuing Education - DISCOVER YOUR FESTIVAL, Judith Colbert, 6 weeks, 7 to 10 p.m., register Ext. 3957.

Anti-Apartheid Week - SANCTIONS AND SOUTH AFRICA - WHY WE CAN'T WAIT, Joanne Naiman, 8 p.m., PCH.

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The following abbreviations are used in "Next Week at Guelph" A/S = Animal and Poultry Science; UC = University Centre; L/A = Lennox/Addington CM = Chemistry-Microbiology; PS = Physical Sciences; PCH = Peter Clark Hall; WMH = War Memorial Hall; MacK = MacKinnon building; ANNU = Animal Science Nutrition; PS = Food Science; CSRC Counselling and Student Resource Centre; 111 = Johnston Hall; HB = Human Biology; AC = Athletics Centre; Lib = McLaughlin Library; BG&Z = Botany-Genetics-Zoology.



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