



Simply "Ed Hillary"

His is an inspiring story of success, dedication and commitment. His strength, of the towering, physical kind, took him to the top of Mount Everest. Today, it is channelled into assistance programs for the people of Nepal.

Guelph honored this man of great strengths at winter Convocation last Friday afternoon. Sir Edmund Hillary received an honorary LL.D. degree.

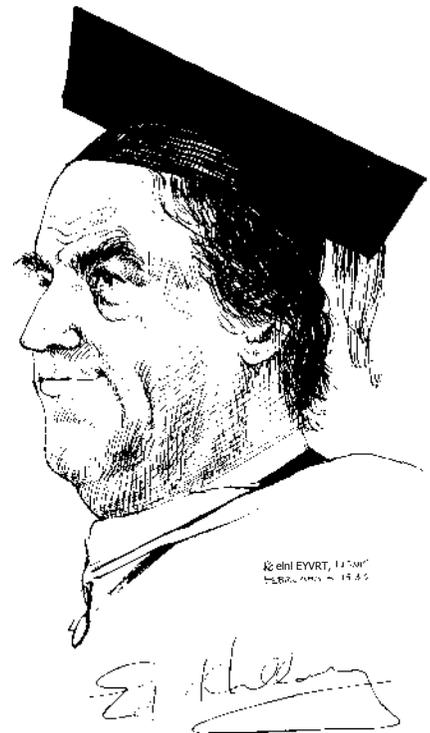
Those people at Guelph who had the opportunity to meet Sir Edmund, found a person who is also possessed of gentle strengths. He was, simply, "Ed Hillary" to those who sought his autograph. He attended Convocation tea and posed for pictures with the graduates and he was quick to talk about his work building schools, hospitals, bridges and water pipelines. The previous evening he had spoken to a capacity crowd about his work in the Himalayas. The proceeds from that lecture will go to the Sir Edmund Hillary Foundation.

Sir Edmund's speech to the graduating class reflected the heights he has reached for humanity. Success on a mountain is not the only thing that matters — to help others to improve their way of life has become a primary target and has proved immensely satisfying, he said.

He told the graduates that a great deal of the future of our society depends on them. Society will need leaders in business, farming, politics and sport, and in matters of principle, education, conservation and morality.

"We need leaders who will act without fear or favor, who will refuse to accept the mediocre and the unworthy, ... leaders who are happy to accept the responsibilities of leadership, not solely for the power and glory, but because they believe there is an important job to be done."

Professor Bill Hughes, Chairman of the Department of Philosophy, addressed the morning graduating class (see page 2).



William Stewart elected fourth Guelph Chancellor



The election by Senate was confirmed by President Forster who notes Mr. Stewart's distinguished record of public service, particularly as Ontario's Minister of Agriculture and Food.

In 1965, while Mr. Stewart was Minister, the University of Guelph was created and the operation of its three founding Colleges, the OAC, the OVC and the Macdonald Institute, was transferred from the Ministry of Agriculture and Food to become the nucleus of the new University. "Mr. Stewart's interest and support for that move, and his co-operation and assistance in carrying it out greatly facilitated the establishment of the University, and ensured his continuing interest not only in the traditional disciplines but also in the development of programs new to Guelph," says President Forster.

Mr. Stewart spent 18 years as a member of the Ontario Legislature, 15 of them as a member of Cabinet. Among his efforts as Minister of Agriculture and Food was the sponsorship of the act that established the Agricultural Research Institute of Ontario,

set up to ensure a continuing high level of agricultural research in Ontario. His interest in education was also expressed in the establishment of two new schools of agricultural technology at Centralia and New Liskeard during his Ministry, while existing colleges at Kemptville and Ridgeway were improved and expanded.

Mr. Stewart is a director of Silverwood Industries, the Bank of Nova Scotia, Hardee Farms International and Ontario Hydro. He is a member of the Executive of the Royal Agricultural Winter Fair and an honorary director of the Canadian National Exhibition.

The new Chancellor, who holds honorary degrees from the University of Western Ontario and the University of Guelph, has long maintained a keen interest in this University. He has been a frequent visitor during his period of public office and since his retirement.

"All of us look forward to his increased involvement in the affairs of the University of Guelph," says the President. □

The fourth Chancellor of the University of Guelph will be William A. Stewart of London, President Donald Forster has announced. Mr. Stewart will assume his new role July 1, 1983 succeeding The Honorable Pauline McGibbon who will complete her official duties as Chancellor at the June Convocation ceremonies.

OVC unveils first phase of computer system

Instead of cutting ribbons or crashing champagne bottles across the bow, the OVC unveiled its new computerized Veterinary Medical Information Management System last week with the help of Muffy and Duffy, Shetland collies.

Muffy and Duffy, owned by the family of Dr. Howard Clark, Vice-President, Academic, were the first animals to be admitted to the OVC hospital under the new computer system which is tied into the University's Amdahl system.

While VMIMS is currently only being used in the admitting and records sections of the OVC hospital, it will be expanded within the next few years for use in teaching, research and extension work, noted OVC Dean Doug Maplesden in his remarks at the official opening.

He said students would be able to access simulated case studies and conduct retrospective studies on the system while specialty information would eventually be available for general practitioners.

Mrs. Linda Bamas, small animal admissions receptionist, Clinical Studies, left, admits Muffy, as proud owners Dr. H. Clark, Vice-President, Academic, and Joy Clark watch.



The first stage of VMIMS will be to collect core information such as owner and animal information and discharge and diagnosis data. These will be fed into the computer while information from radiology and bacteriology laboratories will be phased in during the next three years, according to Dr. Alan Meek, OVC computer co-ordinator.

By that time, Dr. Meek hopes enough data will have been collected to start using the system for teaching and research at OVC. There have also been discussions about

link ups with data banks at OMA F's Vet Services branch.

For day-to-day operations at the OVC hospital, Dr. Meek envisages about 40 terminals to handle the work load, although there are only eight terminals and three printers currently in operation in the admitting and medical records sections.

The project was first discussed three years ago this month, and the unveiling of the first stage of VMIMS is a milestone. □

Rethink nature of specialized education, says speaker

Universities should be rethinking the structure and objectives of undergraduate programs instead of introducing more specialization, according to Philosophy Chairman Bill Hughes.

Two factors have produced the trend toward increasing specialization in post-secondary education — the knowledge or information explosion and the demand for experts and expertise.

"We have reached a point where these have begun to point in another direction. Instead of introducing more specialization at the undergraduate level, we need to alter the nature of the specialized education we provide," he told last Friday's graduating

class at winter Convocation. New opportunities for specialization should still be introduced at the post-graduate level, where highly specialized training belongs, he added.

Considering the information explosion, Prof. Hughes said that universities cannot continue multiplying specializations to match the increase in information. "We need to begin changing the emphasis in our undergraduate courses — especially those at the senior level — so that there is less transmission of information and more study of the basic principles and skills within each area."

An emphasis on the study of basic principles and skills cannot occur without

some relevant information being supplied, he said, but there should be a shift of emphasis which would treat the information component of a course as an illustration of the basic principles or as practice material for developing skills, rather than being the primary purpose of the course.

As long as graduates have learned how to use computer information systems effectively they will be better off because their information is always up-to-date and, by emphasizing the basic principles and skills, they will have a better understanding of their area of specialization. "The information explosion, therefore, no longer needs to force us towards increasingly specialized education."

Universities must also adopt a new approach for meeting society's demand for experts and expertise, he said. Employees looking for experts in a particular field continue to stress the overriding importance of adaptability. This is more likely to result from an undergraduate education that stresses the study of basic principles and skills, and teaches students how to use computer information systems effectively.

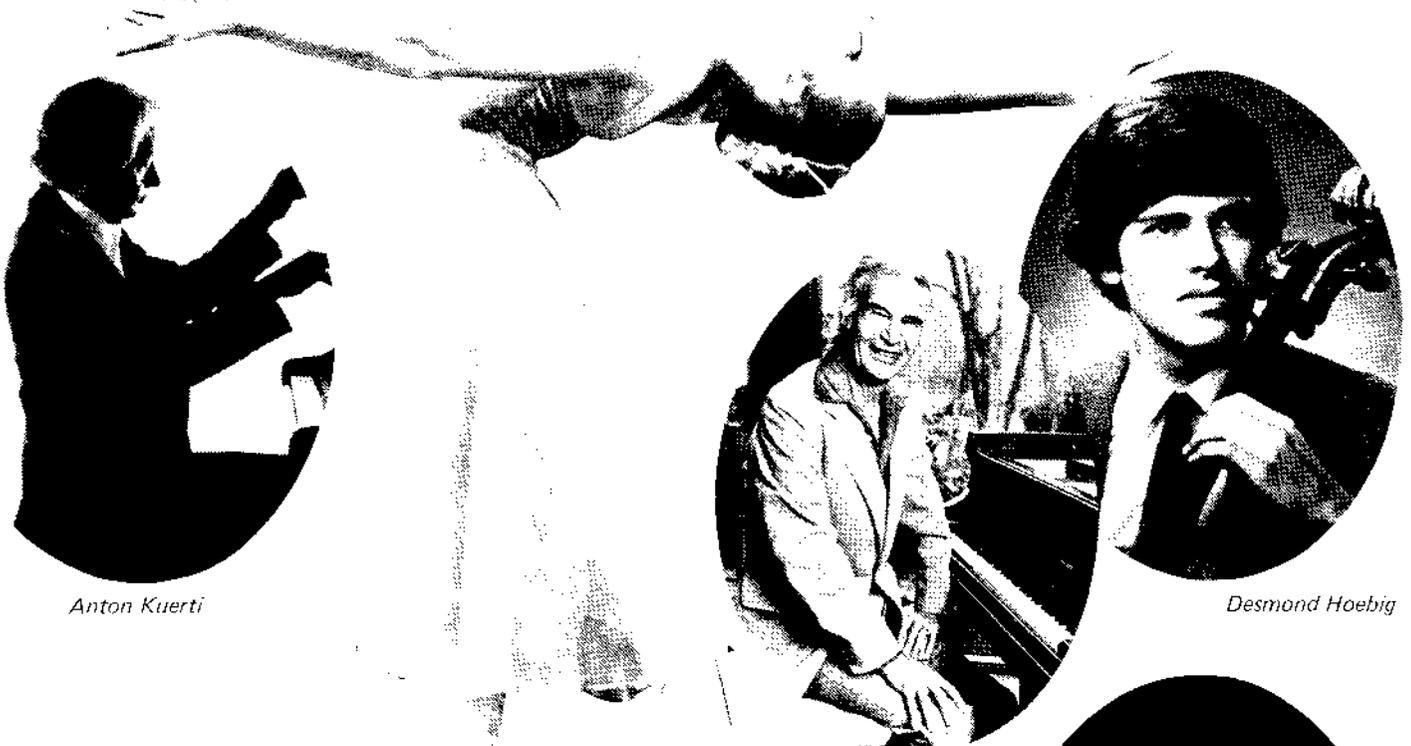
"If the universities move in these directions, the conflict between breadth and depth will be overcome, and a good, specialized program will be one that is broader and as deep as it used to be."

The speaker called upon the graduates to define the areas that need to be strengthened and revamped at Guelph. □



Prof. Bill Hughes

Guelph Spring Festival an International Celebration



Anton Kuerti

Desmond Hoebig

Dave Brubeck

Henry Woolf

The Guelph Spring Festival, Canada's imaginative annual celebration of the performing arts, will bring together international stars with a magnificent roster of Canadian artists from April 30 to May 22.

True to its reputation for presenting premieres, the Festival will present the first Canadian production of Benjamin Britten's powerful church opera, *Curlew River*, May 20.

From the international scene, Metropolitan Opera soprano Gilda Cruz-Romo, whose 1982 recital thrilled her audience, returns with pianist Richard Woitach to open the Festival April 30. Dazzling French pianist Jean-Philippe Collard plays Ravel and Faure and, with lovely Canadian soprano Rosemarie Landry, songs by Debussy May 1. First prize-winners in the Banff International String Quartet Competition give their first performance in Guelph May 3. The legendary Dave Brubeck offers a memorable evening of jazz May 16. Multi-talented actor Henry Woolf brings wit and pathos to "Hancock's Last Half Hour" May 10 and May 14. Britten's biographer Donald Mitchell will offer an introduction to Britten's moving church opera *Curlew River* which stars Metropolitan Opera tenor George Shirley May 21. Mummenschanz brings mime magic May 19, and British conductor John Alldis directs the 500 voices of Choirs in Contact in Haydn's glorious oratorio, "The Creation" May 22.

Canadian tenor James McLean and harpist Gianetta Baril perform during brunch and tea at the Elora Mill Inn May 1. Repercussion, four dynamic young percussionists from Montreal, offers music from Bach to Quebecois folk songs with charm and panache: May 4. Tenor Mark Dubois and baritone Mark Pedrotti in concert sing great melodies from opera to Broadway May 7. The Guelph Chamber Choir presents the world premiere of a work by Claude Vivier and "La Messe Basse" by Faure and "Dixit Dominus" by Handel with soloists Diane Loeb and Jane MacKenzie (first-prize winner in the Festival's 1982 national vocal competition) May 8. Exciting young violinist Gwen Hoebig and cellist Desmond Hoebig perform with Orchestra London under Alexis Hauser May 13. Virtuoso pianist Anton Kuerti is joined for the "Liebeslieder Waltzes" by pianist Patricia Parr and soloists Janet Stubbs, Jane MacKenzie, Mark DuBois and Christopher Cameron in the "Beauty of Brahms" May 14. Lyrical tenor Glyn Evans and soprano Barbara Collier sing Victorian Parlour Songs in one of the handsome stone churches of Fergus May 15. There is a dynamic performance by the internationally celebrated Royal Winnipeg Ballet May 15.

CBC-TV is planning to film the Guelph Spring Festival production of *Curlew River* after the public performances for broadcast nationally. "This is a dramatic new dimension for the Festival," noted Artistic Director Nicholas Goldschmidt at the official unveiling of the program last week. "For the first time people across the country will be able to enjoy in their homes a thrilling performance from the Guelph Spring Festival. We are confident that this is the first of many wonderful opportunities to share our creative excitement with the rest of Canada."

Tickets for the 1983 Guelph Spring Festival, which is presented by the Edward Johnson Music Foundation, go on sale at the box office in the University Centre March 1. For more information about the program, contact Edwina Carson, 821-7570. □

Canadian scientists must speak up

"Quirks and Quarks", the CBC Radio program devoted to science, is hungry for Canadian content but it has difficulty finding it.

This was the message from Jay Ingram, host of the popular Saturday noon program, when he spoke here recently. There is interesting science in Canada, he says, but scientists and/or their public relations people are failing to let him or his producer know they are on to something worth reporting.

"Quirks and Quarks" operates with a staff of three people. They subscribe to scientific journals, *The New York Times* and *The Washington Post*, and they interview people by telephone anywhere in the world. Sometimes, however, the only way they find out that there is a Canadian source for a story is when they receive an irate letter after a broadcast quoting a non-Canadian scientist.

Mr. Ingram, himself a microbiologist, spoke of the problems involved in presenting scientific material over the air. "Quirk, and Quarks" usually covers eight stories in a one-hour show — an average of eight minutes per story. It is reaching a large audience of

predominantly lay people who share an interest in "what's new in science."

"It is essential for us to strive for lay language and to use visual imagery and analogies that are not usually acceptable in a purely academic environment."

Mr. Ingram illustrated his point by playing back an interview with the discoverer of the 'W' particle who was able to make a clear, quasi-lay statement on the discovery in three minutes and 29 seconds.

The thrust of "Quirks and Quarks" is popular science, but science at the cutting edge, presented interestingly. "We have the greatest difficulty with chemistry and mathematics", he admits. "The subjects do not lend themselves to easy, verbal presentation in visual images. We do a lot of physics, medical, psychological and animal behavior stories."

How do scientists let "Quirks and Quarks" know they have something interesting to say? Contact media relations officer Don Jose, Information Services, Ext. 3464 or 8708. □

Dr. Uvarov created Dame

Dr. Olga Uvarov, recipient of an Honorary D.Sc. from the University of Guelph in May, 1976, was created a Dame in the Queen's New Year Honors List.

Dr. Uvarov, the first woman to be elected as President of the Royal College of Veterinary Surgeons, has a world-wide reputation as a veterinarian and researcher, particularly for her contributions to the area of clinical pharmacology.

As chairman of the College's Parliamentary Committee and information officer for the British Veterinary Association, Dr. Uvarov has been instrumental in developing animal welfare laws in Britain.

After being evacuated from her Russian homeland as a child, Dr. Uvarov received her education in Britain. The exacting, analytical mind was not immediately apparent to her clients; more than a few eyebrows were raised by "the young girl who thinks she's a vet."

That young girl proved to be an exceptional veterinarian, becoming head of the Veterinary Advisory Department of Glaxo Laboratories, Ltd. after being on staff there for 14 years.

Congratulations, Dr. Uvarov! □



Speakers can address any topic

The University of Guelph has more than 100 speakers willing to talk to the public on topics ranging from "Choosing Good Day Care" to "Water Pollution." The 267 topics are listed in the University's new Speakers' Bureau brochure, available from Mrs. Ann Middleton, Information Services.

The Speakers' Bureau is a community service, now in its fourth year. More than 250 speakers have given addresses to service clubs, church groups and schools during that period. Subjects like "Molecular Biology," "Carbon Dating," and "Solar Energy Storage"

have particular relevance for high school science classes and clubs.

Mrs. Middleton reports that subjects such as nutrition are of perennial interest, while others, like the Constitution, have flurries of interest. This winter there has been considerable interest in eastern Europe with particular reference to Poland.

The brochure covers the whole range of academic interests of the University from arts, biological, physical and social sciences to veterinary medicine, agriculture and family and consumer studies, as well as the considerable range of hobbies of faculty and staff members. These cover such things as hiking Ontario trails, fly fishing and tying and competitive orienteering.

A separate list of technical topics in science, agriculture and veterinary medicine is maintained by Mrs. Middleton for the use of professional groups in these areas.

Details and extra brochures: Information Services, Ext. 8708. □

Positions switched

Two professional staff members in the Office of the Registrar have switched positions. Personnel believes that this is the first time a direct exchange of professional staff duties and responsibilities has occurred.

John Bonesteel is now Assistant Registrar, Admissions, and Doug Weaver is Assistant Registrar, Records. Mr. Bonesteel is responsible for DVM, B.Sc. Agr., and General Studies admissions; Mr. Weaver, for registration and pre-registration for undergraduate students.

The switch in work roles suits everyone, according to Registrar Arnold Holmes. Mr. Weaver and Mr. Bonesteel, long-time employees of the University, were thinking of new directions in professional development and personal academic enrichment. The switch in positions will permit this, and the University will keep two valuable employees.

Appointments approved

Several appointments were approved by the Board of Governors recently. These are:

In the College of Arts, Professor J.M. Bell has been reappointed chairman for a second three-year term which begins September 1, 1984.

B.A. Carroll joined the Department of Consumer Studies in the College of Family and Consumer Studies September 1 in a replacement position.

J.D. Goddard joins the Department of Chemistry in the College of Physical Science as assistant professor April 1, 1983, in a replacement position.

At the OAC, J.L. Havlin joined faculty as assistant professor in a new position in the Department of Land Resource Science February 1, and Professor T. Stirtzinger is promoted to assistant professor in the Department of Pathology, OVC, February 15. □

Elsie Moir

A long-time employee of the University, Elsie Moir, who was administrative secretary to the assistant comptroller, died Saturday, February 5 in Guelph after a lengthy illness.

Mrs. Moir had worked here 43 years before her retirement January 1, 1982. She was responsible for handling insurance for the University. She is survived by her husband, Grant. □

Rabbi Ernest Klein

Rabbi Ernest Klein of Toronto, who received an honorary Doctor of Letters degree from the University of Guelph in May, 1977, died February 4. Rabbi of Beth Yitshak in Toronto and respected leader of the Hungarian Jewish community, Dr. Klein was honored by Guelph for his work in advancing the science of etymology. □

Selection committee formed

The nine-person selection committee for president has been chosen. President Donald Forster leaves Guelph to become President of the University of Toronto September 1. (See *News Bulletin*, 83 01 27.)

Senate called a special meeting February 1 for approval of the Striking Committee's recommendation of the appointment of three faculty members and two students to the selection committee. The faculty members are Professors Bert Christie, Crop Science; Anne Martin Matthews, Family Studies, and Doug Odegard, Philosophy. The student members are Greg Coulter, graduate student, chemistry and Jocelyn Wellington, DVM program.

The two non-faculty members of the Board of Governors are its vice-

chairmen, Edward Bovey and Walter Hanbidge. The staff member, appointed by the Vice-President, Administration, is Derek Jamieson, research adviser to the President. The chairman of the committee is Cecil Franklin, chairman of the Board of Governors. The secretary is John Hurst, special assistant to the Vice-President, Administration.

Although a President is not involved to any extent in the selection of a successor, President Forster did offer some advice at the special meeting of Senate. He said the selection process should not be rushed. The President called for a thorough and complete internal and external search for a new president. "There should be every opportunity for members of the University community to make suggestions on potential candidates."



Not much time, professor warns

The latest speaker at the Liberal Education series "Living in a No-Growth Society" is Dean Jack MacDonald, College of Physical Science.

In an amusing, yet sobering, comparison, Dean MacDonald illustrated exponential growth using the example of a child's allowance which was set at one cent the first day, two cents the second, and continued to double each day. At the end of one month, the child would receive in excess of \$10 million per day. Absurd though this example might seem, Prof. MacDonald pointed out that it is precisely this trend which is being followed by a number of important parameters, including world population, world energy consumption, use of fertilizers and plastic production.

"No one can cope with exponential growth in a world of finite resources," he says. "The central issue is how we make the transition from rapid growth to no-growth without catastrophic disruption to our society. And we don't have much time!"

Addressing the issue of physical limits to growth, Prof. MacDonald focussed on strategic materials, food, energy and pollution. "These parameters are inter-related in a complex and poorly understood fashion," he says. "In some cases, notably supply of materials and control of pollution, the question is largely how much society is prepared to pay to solve the problem. However, no solution seems possible if world population continues to increase, and a dramatic change in lifestyle seems inevitable."

The lecture series continues each Monday at 12 noon in Room 442 of the University Centre. □

Earth Mothers, Medeas and Eves abound

Languages and Literatures professor Marguerite Andersen is spending four months in France at the University of Grenoble's Institute de Recherche sur l'Imaginaire where she will study their methods of mytho-criticism.

This area of study is an interdisciplinary approach to literature through which historians, sociologists, psychologists and others examine archetypal factors which appear and re-appear throughout the history of literature.

Dr. Simone Vienne, who was a visiting professor at Guelph and one of the directors of the Institute, invited Prof. Andersen to Grenoble with a specific request to conduct research into the mythic influences on two important Canadian writers — Margaret Atwood and Nicole Brossard.

Asked if she thought writers consciously introduced mythic themes and archetypal characters into their works, Prof. Andersen finds the unconscious influences more interesting. "Perceived in Jungian terms," she says, "all of us — especially artists — have access to world myth and its archetypes. They do not have to be created; on the contrary, they are perhaps unavoidable, and Earth-Mothers, Medeas and Eves appear again and again under many different names throughout world literature."

Prof. Andersen's visit is made possible by a Canada France Exchange Grant and coincides with the publication of her own first novel, *De mémoire de femme*, published in Quebec by Edition Quinze. It was written during an administrative leave in 1978. □

Technological gap hard to bridge

A recent visit to the People's Republic of China is viewed with mixed feelings by Chief Librarian Margaret Beckman.

"On one hand was the kindness, the courtesy, the eagerness and interest demonstrated by our hosts, and on the other, a technological and cultural gap that cannot easily be bridged," she recalls.

Mrs. Beckman was a member of a team of experts from Canada, the United States and Britain who lectured at Kunming, Yunnan Province, on the management of scientific and technical information centres in government, industry and universities. The course, jointly sponsored by the Institute for Scientific and Technical Information, Beijing (Peking), China, and the International Development Research Centre of Canada, lasted 15 days during which, Mrs. Beckman frankly admits, she got colder and colder.



Chief Librarian Margaret Beckman.

Yunnan Province is the least advanced of the Chinese provinces where none of the buildings are heated. With temperatures ranging between 0 and 5° C during her visit, it is not surprising that all of the course participants and the lecturers became ill.



The final oral examination of Brian D. Amiro, Land Resource Science, (Agrometeorology), a candidate for the Doctor of Philosophy degree will be held Friday, February 11, at 12:30 p.m. in Room 038, Land Resource Science building.

Mr. Amiro's thesis title is "Ozone Flux and Leaf Temperature Studies on Bean (*Phaseolus vulgaris* L.)." His supervisor is Prof. T.J. Gillespie. Interested members of the University community are invited to attend. □

The absence of heat, however, was more important as a symbol of the general state of a technology which still has a long way to go before good use can be made of the kind of expertise the lecturers were asked to present. It is clear, says Mrs. Beckman, that China's eagerness for more advanced electronic equipment and concepts is not yet matched by the solid body of trained personnel needed to operate sophisticated automated or communication systems. □

Canada's best coaches women's hockey team

Hockey coach Sue Scherer has good reason to be pleased with her team. Last year it missed the playoffs by one point, and it is now in second place in the Ontario Women's Athletics Association League which comprises the universities of Toronto, York, McMaster, Queen's and Guelph.

A playing coach, Miss Scherer speaks enthusiastically about her team — one of the youngest in the province. She does not mention that she is, to quote Women's Athletics Director, Shirley Peterson, "probably the best women's hockey player in Canada, quite apart from being a member of the national softball team." But Miss Scherer insists that the emphasis is always on the team rather than the player.

Women's hockey is subject to the same rules as men's hockey; the only difference is that body checking is not allowed at the varsity level. Instead, the players concentrate on the basics of the game, skating skills, stick handling and tight teamwork. "We are attracting more and more spectators who enjoy the pace and finesse of this style of play. They keep coming back for more."

The elimination of body checking does not mean a lack of competitive spirit. "We are playing to win," she says, "because our opponents certainly are, and we're vying for a playoff spot."

Any full-time student may try out for the women's hockey team. Miss Scherer and assistant coach, Holly Dodd, select the team and operate with a 20-player roster. Fifteen players and two goalies dress for each game.

Miss Scherer says that women's hockey has come a long way in the last few years.



Sue Scherer

Gone are the days when girls either fought for acceptance on a boy's team or did not play hockey at all. Today, women's hockey extends all the way down to the little league where aspiring grade school girls play at local arenas. The result is that candidates for varsity teams now have more experience than was available even 10 years ago.

The shortage of quality coaching is a problem, and the game still depends primarily on men who, Sue Scherer is first to agree, are doing a fine job. But women coaches are now beginning to gain prominence and the prospects for women's hockey in Canada were never brighter, she says.

A native of New Hamburg, Miss Scherer comes from a sports-loving family. Her father, a professional hockey player, was manager of the first Junior Team Canada. Her six brothers are all enthusiastic players. Miss Scherer has been coaching since she was 16, and expects to pursue a career in sports after she graduates with a B.A. degree in sociology/anthropology this spring. □

Sanctuaries launched

Land Resource Science professor, Stewart Hilts, acting in his capacity as chairman of the nature reserve committee of the Federation of Ontario Naturalists, has been involved in the launching of *Sanctuaries*.

Sanctuaries, co-sponsored by the School of Rural Planning and Development and the Department of Land Resource Science, is a newsletter designed to promote the sharing of information among naturalists clubs and all individuals in Ontario who are interested in the protection and preservation of natural areas.

"We are trying to bridge the gap between scientists and a significant number of keenly interested, but not necessarily scientifically trained, observers," explains Prof. Hilts. "Amateur naturalists constitute the lifeblood of the nature conservation movement and the more careful and scientific they are in their studies, the stronger will become the resource group on which the future preservation of vital areas depends."

One of the stated aims of *Sanctuaries* is "to place evidence of widespread concern for natural areas clearly in front of the general public and provincial politicians. Only if clear evidence of such widespread support is available will political action to protect natural areas be forthcoming."

Sanctuaries is planned to become an important forum in which both scientists and informed amateurs can share their observations and concerns. The first edition lists available scholarly studies of environmentally sensitive areas in Ontario. It reports the establishment of a Canadian Council on Ecological Areas; announces a survey of southern Ontario bogs and asks readers who know of such bogs to contact the nature reserve committee, and it suggests a code of ethics for nature photographers.

Sanctuaries will be mailed free of charge to scientists, naturalist societies and amateur naturalists across the Province. The present circulation of 500 copies is expected to grow in response to reader interests and concerns. Articles, news items and requests for copies should be directed to Prof. Hilts, Ext. 2702. □

BOOKS, crafts and used articles are sought by the Guelph YM-YWCA for sales this spring. Details: 824-5150.

MEDICAL SERVICES' allergy immunization program, effective Monday, February 14, is available Monday, Wednesday and Friday, 8:30 a.m. to 11:30 a.m. Details: Nurse Susan Brown, Ext. 2131.

HOUSING IN CANADA, a series of seminars sponsored by the Department of Consumer Studies, features guest speaker George Hough, Housing Policy and Program Development Branch, Ontario Ministry of Municipal Affairs and Housing. He will speak about "Contemporary Housing Issues: A Provincial Perspective" on Thursday, February 10 at 2:10 p.m. in Room 106, College of Family and Consumer Studies.

THE THURSDAY NOON HOUR Concert program February 10 features James McLean and Gianetta Bard, the Canadian tenor and harp duo known as Lyracord. Mr. McLean will be remembered by Guelph residents for his impressive second place finish in last year's National Vocal Competition sponsored by the Edward Johnson Music Foundation and held during the Guelph Spring Festival. The duo will return to Guelph again in May to give two performances in the 1983 Guelph Spring Festival. Miss Baril will also be harp soloist in the Festival's production of the Benjamin Britten opera, *Curlieu River*.

Program I, at 12:10 p.m. will include Bach's "Jesu Bleibet Meine Freude"; Harfenspielerlieder by Schubert; songs by Dowland and Britten; and works for solo harp by Corelli and Salzedo. Program II, at 1:10 p.m., will consist of "Cinq Melodies Populaires Grecques" by Ravel; songs by Debussy; operatic arias from Leoncavallo's "I Pagliacci" and Puccini's "La Boheme"; and works by Debussy and Faure arranged for solo harp.

Sponsored by Concert Management of the Department of Music, the events are held in Music Room 107 of the MacKinnon building. These are free and open to the public.

A TYPIST is sought by Nutrition to word process edited typescript and prepare camera-ready copy for a book. Inquire at Ext. 2291.

FALL ORIENTATION '83 is in the initial planning stages, and four orientation leaders are required to help organize the events sponsored by students, faculty and staff members. If you are a student at Guelph, enjoy working with people, are well organized and have the ability to act on plans, then you are invited to apply for one of these part-time positions.

Written applications, including a covering letter and resume, must be submitted by Friday, February 18 to Mildred Eisenbach, Counselling & Student Resource Centre, level 3, University Centre.

INTERESTED IN ATHLETICS and Recreation? The Athletic Advisory Council (AAC) needs two members at large for this year. The AAC is a committee of the President, responsible for making policy recommendations about athletics and the use of athletic facilities at the University. Anyone interested in this position should submit pertinent information to Robin Hunter, c/o Athletics Centre and attend the next AAC meeting on Friday, February 11 at 12 noon, 1909 lounge, Athletics Centre.

Greek environmentalist visits Guelph

One of the world's most distinguished environmentalists, Marinos Yeroulanos, and his wife, Aimilia, are on campus as guests of the College of Biological Science.

Mr. Yeroulanos, whose academic background is in civil engineering, has served the government of Greece in many capacities related to the environment, including the chairmanship of the National Council for Physical Planning and the Environment. Until re-organized by the present government, this Council formulated policy and co-ordinated all environmental planning in that country.

Mr. Yeroulanos was chairman for Western countries of the United Nations Environmental Protection (UNEP) Governing Council in 1978 and 1980. He returned from last year's UNEP world conference in Nairobi optimistic that progress is being made.

The word "environment" has, in recent years, become almost synonymous with doom and gloom, he says. Catastrophe has come to be seen as inevitable. The only question is "when?" Fortunately, there is another side to the picture. "Twenty years ago we were not convinced we had a problem. Ten years ago we recognized the problem, but had none of the answers. Today, we have most of the answers and even the most reluctant governments are aware that they must take part. The mechanics for effective action are already in place, we lack only the willingness to pay the economic price to do what we now know must be done. This, of course, is a serious lack but it represents giant progress from where we were even five years ago."

Mr. Yeroulanos who, as vice-president of the Barcelona Convention which drew up *The Blue Plan* for the Mediterranean, quotes it as an outstanding example of international recognition of the overriding importance of environmental issues. The signatories to the agreement, which covered the dumping of oil wastes from ships, control of land-based pollution, the designation of natural sanctuaries and co-operation in emergency situations, included Israel, the Arab States, Greece and Turkey.

What can the University of Guelph do? A great deal, according to Mr. Yeroulanos. The first is research. The contribution being made by Guelph scientists in environment-related disciplines is of world importance. "We already know a great deal, but we can never know enough. Take the armadillo, for example. The armadillo is the only animal known to be susceptible to leprosy, and therefore invaluable as a laboratory animal in the study of that disease. That kind of information is available on far less than one per cent of the known animal species and the future of mankind may well depend on such information. It can only come from universities like this one."



Marinos Yeroulanos (right) and Dr. Aimilia Yeroulanos.

"The other contribution is the all important individual one. The fact that the monk seal may now be safe from extinction can be traced to the actions of a Guelph person — CBS Dean Keith Ronald," he says. "This is important, not only in itself but as a demonstration of the power of individuals to affect events."

"We are now in a position to act. Working from a substantial base of scientific knowledge we can say with certainty that environmental problems are global, interdisciplinary and solvable. Finally, there is no conflict between the needs of mankind and those of the environment. Enlightened self-interest will force us to succeed where idealism has so far failed."

The visit was enriched by the presence of Dr. Aimilia Yeroulanos. An archeologist and curator of the Benaki Museum in Athens, she heads the photographic archives department which she established in 1970. Her department is compiling a photographic record of the Benaki collection, and also of Byzantine jewelry in all parts of the world. Dr. Yeroulanos is taking advantage of the Guelph visit to study the Royal Ontario Museum's collection of Byzantine art. □

Goods and Services

Available

Experienced typist for papers, letters, theses, etc., 837-3762 after 1700.

For Sale

Intellivision component c/w 9 game cartridges and file drawer, 2468 after 1700; encyclopedia Britannica, 836-9236 after 1700; men's skates, size 7, cross country ski boots, size 7, 821-1168; 7-foot green/blue chesterfield-bed, 843-3903 after 1800; 1975 Volkswagen, 1976 Astre wagon, 623-9852, days.

Accommodation

For Rent

4 bedroom apartment available May 1, on bus route, 823-5685 after 1700.

Travels and Seminars

Professor D.A.L. Auld, Economics, addressed the Ontario Secondary School Teachers' Federation in Toronto on "Public Sector Wage Trends and Wage Controls".

Professor J.C. Cairns, Director, Centre for International Programs, participated in the recent ceremonies in Ottawa to announce the establishment of an international prize in communications the McLuhan Teleglobe Canada Award. The \$50,000 prize, to honor the late Herbert Marshall McLuhan, will be awarded biennially.

Prof. Cairns was a member of the UNESCO-established planning committee that set forth the criteria and guidelines for the award.

Professor J.R. Geraci, Pathology, has completed 10 weeks of research at the Naval Ocean Systems Centre in Kailua, Hawaii. He was one of 98 science and engineering faculty members who were selected in a nationwide competition to participate in the 1982 Navy/ASEE summer faculty research associate-ship program.

BY ARRANGEMENT with the Documentation Centre, Susan Macmillan, Statistics Canada user advisory services, Toronto, will be on campus Thursday, February 17, to give a presentation on the 1981 Census. During her three-hour presentation, she will discuss products and services emanating from the census of June, 1981. The seminar, open to faculty, graduate students and Library staff, will be held in the group viewing room third floor, McLaughlin Library, from 9 a.m. to 12 noon. Those wishing to attend should contact Jan Kaufman, Ext. 3425.

Clerk, Maintenance Department. Clerk II. Salary range: \$242.10 - \$351.60.

Clerk, Faculty of Graduate Studies. Clerk I. Salary range: 5203.32 - 298.07. Open to on-campus employees only.

Next Week at Guelph

THURSDAY, 83 02 10

Continuing Education — ART OF NEGOTIATING, J.G. Murray, 0900; ADVANCED CALLIGRAPHY, E. Barth, 1900; SALARY ADMINISTRATION AND BENEFITS, W. Lamon and E. McNally, 1900, Ext. 3956 for details. Graduate Research Seminar — ENVIRONMENTAL TEMPERATURE AS A PREDISPOSING FACTOR IN ENTEROTOXIGENIC E. COLI INDUCED DIARRHEA OF THE NEW BORN PIG, J. Sarmiento, 1110, Pathology, Rm. 220. Noon Hour Concert — JAMES MCLEAN AND GIANETTA BARILLI, tenor and harp, 1210 and 1310, MacK107. Housing in Canada — CONTEMPORARY HOUSING ISSUES: A provincial perspective, George Hough, Ontario Ministry of Municipal Affairs and Housing, 1410, FACS, Rm 106. Lecture — CONTEMPORARY BELGIAN THEATRE, Prof. Pascal Vrebos, Université Libre de Bruxelles, 1500, MacK132. Worship — CATHOLIC MASS, 1700, chapel, level 5, UC. Careers and Jobs — INTEREST TESTING, 1800, register at the Connection Desk by 1500. Lecture — THE CHRISTIAN ALTERNATIVE, Don Posterski, 1900, UC Courtyard. Spotlight on the University of Guelph — 1900, cable 8. Performance — THEATRE BALLET OF CANADA, 2000, WMH, tickets at UC box office. Art — JAMES KERR-LAWSON, exhibit, Macdonald Stewart Art Centre. Sports — WOMEN'S ICE HOCKEY, Toronto at Guelph, 2000.

FRIDAY, 83 02 11

ICS Course — MABRA SEMINAR, M. Brochet, 1000, Ext. 3046 to register. Faculty Christian Fellowship — 1200, Johnston Hall Rm 157. Audubon Wildlife Films — MOUNTAIN MAGIC, Walter Berlet, 2000, WMH. Worship — ANGLICAN EUCHARIST, 1700, Johnston Hall 158. Friday Flix — DOCTOR STRANGELOVE, 1900 and 2115, PS105. Sports — WOMEN'S VOLLEYBALL, Laurier at Guelph, 2000; NORDIC SKIING, Guelph at Laurentian; SWIMMING, Guelph at Toronto.

SATURDAY, 83 02 12

Sports — MEN'S BASKETBALL, Guelph at Brock, 2000; MEN'S HOCKEY, Guelph at Queen's, 1930; NORDIC SKIING, Guelph at Laurentian; WOMEN'S BASKETBALL, Guelph at Brock, 1400; SWIMMING, Guelph at Toronto; WOMEN'S BADMINTON, Guelph at RMC; WOMEN'S SYNCHRO, Guelph at WLU. Continuing Education — FARM INCOME TAX, G. Hutchison, 0930; HYDROPONICS AT HOME, T. Papodopaulos, 0900, Ext. 3956 for details. Concert — TORONTO PERCUSSION ENSEMBLE, 1300, WMH, tickets at UC box office. Careers and Jobs — FINDING A JOB WORKSHOP, 0900, register at the Connection Desk by 1500, 83 02 11. Arboretum — NIGHT STALKER'S OWL PROWL, 1900, Arboretum, register at Ext. 3932.

SUNDAY, 83 02 13

Worship — CATHOLIC MASS, 1000, PCH; CAMPUS CHURCH SERVICE, 1030, PS 113. Sunday Afternoon Walk INSECTS IN WINTER, 1400, J.C. Taylor Nature Centre, Arboretum.

Sunday Cinema — DAS BOOT, 1900, WMH. International Cinema — STROSZEK, 2000, PS105. Irish Heritage Festival — A TOUCH OF IRISH GOLD, 1330, Wellington County Museum. Art Lecture — JAMES KERR-LAWSON: A CANADIAN ABROAD, R. Lamb, 1400, Macdonald Stewart Centre. Sports — WOMEN'S BADMINTON, Guelph at RMC; WOMEN'S SYNCHRO, Guelph at WLU; MEN'S BADMINTON, Guelph at RMC; MEN'S HOCKEY, Guelph at RMC, 1400.

MONDAY, 83 02 14

ICS Course — INTRODUCTION TO SCRIPT, J. Bell, 0900, register at Ext. 3046. Liberal Education Series — LIVING IN A NO-GROWTH SOCIETY: PANEL: THE ISSUES, Moderator, M. Lapping, 1210, UC442. Staff Development Opportunities — ASSERTIVENESS FOR WOMEN, 1330, UC442, register at Ext. 3058. Writing Centre — BASIC GRAMMAR WORKSHOP, 1830, register at the Information Desk, McLaughlin Library. Spotlight on the University of Guelph - 1830, cable 8.

TUESDAY, 83 02 15

Our World — WOMEN IN INDIA, 1210, UC442. Senate — MEETING, 2000, PS113. Physics Colloquium — THE SHUTTLE REMOTE MANIPULATOR SYSTEM CANADARM, Brian Fuller, Spar Aerospace, 1600, PS113. Worship — CATHOLIC MASS, 1700, chapel, level 5, UC. God, Man and World — 1700, UC334. Careers and Jobs — RESUME WRITING CLINIC, 1800, CSRC; INTERVIEW SKILLS CLINIC, 1500, register at the Connection Desk by 1400. Sports — WOMEN'S HOCKEY, Guelph at York; MEN'S HOCKEY, Western at Guelph, 1930.

WEDNESDAY, 83 02 16

Worship — ANGLICAN EUCHARIST, 1200, Johnston Hall 158; CATHOLIC MASS, 1200, chapel, level 5, UC; IMMANUEL FELLOWSHIP, 1900, AS141; CHRISTIAN DOCTRINE CLASS, 1700, UC333; CATHOLIC PRAYER GROUP, 1700, chapel, UC, level 5. Staff Development Opportunities — FUNDAMENTALS OF LEADERSHIP, 0900, UC442, Ext. 3058 to register. Instructional Development Workshops — FUNDAMENTALS OF LEADERSHIP, 0900, UC442, Ext. 3058 to register. Instructional Development Workshops — CONSTRUCTING VALID MULTIPLE CHOICE EXAMS, 1300, Ext. 3522. Continuing Education Courses — HOME MEAT CUTTING AND SAUSAGE MAKING, Chris Haworth, 1900, Ext. 3064 for details. Lecture — THE HARP SEAL CONTROVERSY... BIOLOGY, POLITICS AND THE MEDIA, D. Lavigne, Zoology, 1930, John F. Ross Collegiate Rm 209.

THURSDAY, 83 02 17

Noon Hour Concert — DESMOND HOEBIG AND ANDREW TUNIS, cello and piano, 1210 and 1310, MacK107. Spotlight on the University of Guelph — 1900, cable 8. Police Auction — 1900, PCH. Mid-Semester Break — CLASSES CANCELLED.

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The News Bulletin is published weekly by the University of Guelph's Information Services, level 4, University Centre. Deadline: noon Thursday. Executive Editor — Sandra Webster. Copy Editor — Martha Leibbrandt. Contents may be quoted or reproduced. Telephone 824-4120, Ext. 3864.