

guelph

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An unbeatable combination

Convocation last for Chancellor, Vice-Chancellor

A chapter in the history of the University closed last Friday afternoon as the Chancellor and Vice-Chancellor attended their last Convocation ceremony.

In 1977, Dr. Pauline McGibbon arrived at the steps of War Memorial Hall in a horse-drawn landau to be installed as Chancellor. She was greeted by an old friend from University of Toronto days, Professor Donald Forster, who had been installed as Guelph's third President and Vice-Chancellor in 1975.

Last Friday, many Convocation ceremonies later, the Vice-President, Academic, Professor Howard Clark, lauded them as the "Pauline and Don combination" which is unbeatable. The warmth, grace and dignity of the Chancellor was always complemented by the President's easy manner, humor and to-the-point remarks to the graduates, recalled Dr. Clark.

Dr. McGibbon and President Forster received a standing ovation from the graduates, their families and guests and members of the University community.

Participating in this spring's Convocation ceremonies for the last time in their roles as College Deans were Clayton Switzer, OAC; Janet Wardlaw, Family and Consumer Studies, and Keith Ronald, College of Biological Science.

Stay involved with the university

Kenneth Murray, former chairman of the Board of Governors, advised graduates to stay involved with the University to ensure that the foundation of the cultural system which gave them the opportunity to attend university remains strong.

Speaking to the recipients of the Associate Diploma in Agriculture, the Ontario Diploma in Horticulture and the Ontario Diploma in Agriculture, Tuesday afternoon, Mr. Murray advised the graduates to apply what they learned at Guelph and to continue learning throughout their lives.

"You did not learn here how to be a farmer anymore than I learned here how to

be a meat packer," the President of J.M. Schneider said.

In acknowledging his delight at being named an Honorary Fellow of the University, Mr. Murray wondered if the selection committee was aware that this Fellow was involved in flooding President W.R. Reek out of his quarters in 1946, and in feathering Maids Hall, from top to bottom!

Dream the impossible

Jan Rubes received a standing ovation following his performance of Sarastro's aria from *The Magic Flute* by Mozart and "The Impossible Dream" at Wednesday morning's indoor Convocation ceremony.

The distinguished singer, actor, author and director received an honorary Doctor of Letters degree in recognition of his contribution to the arts in Canada.

President Donald Forster remarked that Mr. Rubes's message to the B.A. (General) and B.Sc. (H.K.) graduates was one of the most inspiring and effective he has heard in almost 20 years of attending Convocation ceremonies.

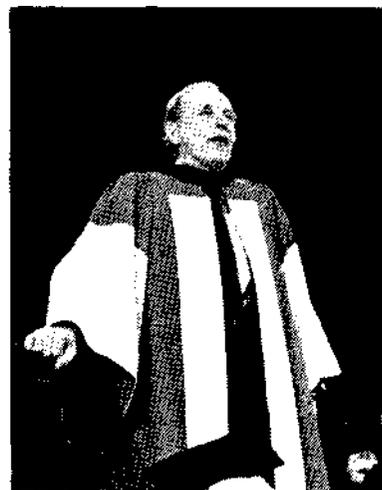
Mr. Rubes presented the audience with images which might be useful in a moment of need. He spoke of the daily hard work of Mozart who produced much in a short life

span; the concentration or single-mindedness of Ontario high-jumper, Milt Ottey, who cleared the bar at a height of nearly two feet above his own head, and, of the inspiration provided Jan Rubes in his youth by Miguel Cervantes' dauntless knight, Don Quixote de la Mancha.

He dared the graduates to eliminate the word impossible from their dictionaries.

"Practice, concentration and inspiration are the important ingredients in your success," he said.

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*Jan Rubes, top right;
Kenneth Murray and
Arnold Holmes, above;
Chancellor McGibbon
and President Forster,
bottom right.*



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Personal and collective responsibility

Dr. Lelio Orci, chairman of the department of morphology, University of Geneva Medical School, urged graduates to find a sense of personal and collective responsibility in their lives. The internationally-known physician received an honorary Doctor of Science degree Wednesday afternoon and addressed the B.A. (Honors), B.Comm., B.Sc. (Eng.) and B.L.A. graduates.

Dr. Orci noted that much of his professional life has been devoted to a quest for personal excellence and teaching what he called "replanting the seed."

With application and self-reliance, almost anything can be accomplished and the cost is small, providing the original goal is well perceived and your self-estimate is realistic, he said of personal excellence. Individual excellence is absolutely critical to success of the group, he continued. "We must welcome and encourage individuals to succeed. Each of us bears the responsibility to succeed," he remarked.

Dealing with young people as teacher and guide allows an attack on the collective responsibility to give back to society the benefits that have been afforded the individual, he continued. He said it is a fundamental need of the committed intellectual to bring forth newer and better generations to follow and to justify his existence.

The creative generation

The three learning phases in the life of a student in science were outlined by the Chairman of the Department of Chemistry, Professor Ed Janzen, in his address to B.Sc. (Honors) graduates Thursday morning.

The speaker defined the first learning stage as the "fact-finding phase." The second, when the student is shown how things come together, and the third, research.

Prof. Janzen also gave the students some advice. He encouraged them to find a mentor, and to remember that whatever they do, they cannot do it alone. "Remember to show



FACS Dean Janet Wardlaw, right.

some recognition to those who give of their time so that your endeavors may succeed," he said.

He also advised them to "carry the torch." He continued: "We need you to create new ideas; new solutions to old problems; new paths through impossible barriers; new insights into the unknowns before us ... We depend on you to be the creative generation."

Confidence in the OVC

Every confidence in the future of the OVC and its present and future graduates was expressed by President Forster at the Thursday afternoon Convocation ceremony.

He was responding to remarks by Dr. Alan Secord, one of Canada's best-known veterinarians, in his address to the graduating class. Dr. Secord, who received an honorary Doctor of Laws degree, said he was dismayed by the news that OVC's accreditation status had slipped. (See *News Bulletin* 83 05 12). "I am sure that all citizens interested in animals and their welfare will share my concern and will want to help to reinstate OVC



Dr. Alan Secord.



Prof. Ed Janzen, Chemistry.



as the really first-class institution our people must have," he said.

The President assured the graduates that the limited status accorded the OVC by the American Veterinary Medical Association does not impair the quality of degrees presented by Guelph to OVC graduates.

"What has happened to the OVC is symbolic of what is occurring at every university in Ontario as a result of chronic underfunding over a number of years," he explained.

The President stressed that the problems of the OVC are being dealt with by the College, the University and the Ontario and federal governments. "I have every confidence that these problems will be dealt with," he said, "and I have every confidence in your future, in the College and its faculty and staff members."

Dr. Secord also called for the University to establish an interdepartmental unit for the study of animal behavior. The science of animal behavior has many important aspects of great interest to our society as yet unsolved, he said.

At this ceremony, Guelph's first Doctor of Veterinary Science candidates, Thomas Feltmate and Brent Hoff, graduated. Degrees were also presented to Ph.D., M.A., M.Sc., and M.L.A. graduates.

Dare to be different

A faculty member with a very personal style of leadership spoke about the development of individuality to the graduating class Friday morning. Dean of the College of Family and Consumer Studies, Janet Wardlaw steps down at the end of this month.

In her last Convocation address as Dean, Prof. Wardlaw reminded the audience that one is an individual in a world of others with mutual and independent responsibilities.

A broad or liberal education provides students with an appreciation of diversity and differences, she said, and gives the knowledge that "not everyone sees everything the same way."

Speaking of the impact of individuality on one's career, the Dean urged the graduates to be open to unexpected opportunities and one's own intuition. "I would urge you, in good times or bad, to keep a very open mind about opportunities which cross your path. Let fate take a hand, even though you may be led in a direction which differs from that which you or your contemporaries might expect you to take."

She concluded by encouraging the B.A. Sc. and B.Sc. (Earth and Food Science) graduates to "dare to be different" — a slogan recently painted on the sidewalk leading to the College.

Dr. Lelio Orci.

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Chancellor presented with replicas of University mace

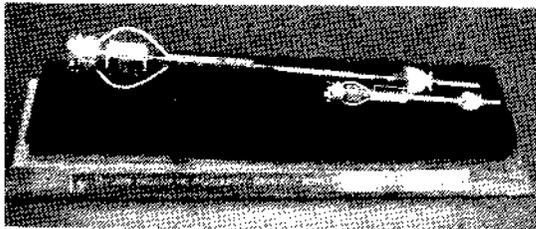
The University presented two miniature replicas of the University mace to Chancellor Pauline McGibbon at the Senate/Board of Governors dinner Wednesday, June 1 in recognition of her service to the University as its Chancellor since 1977.

One mace is a display model, about one-eighth the size of the official mace displayed outside the Presidential Offices on level 4 of the University Centre. The other replica is a four-inch kilt pin.

Both replicas are made from the same materials as the original mace.

The main shaft was turned in stainless steel by Case Gielen, in the College of Physical Science's workshop, supervised by Gordon Willis. The gems and stones were donated from a collection put together by geology students under the supervision of Professor Ward Chesworth and his assistant, Steve Sadura. Among the native Canadian stones used to decorate the mace are sodalite from Bancroft, jasper from Bruce Mines, jade from British Columbia and amethyst from Thunder Bay.

The crown at the head of the mace, crests and parts of the shaft were crafted in silver. The silver work, engraving and setting of the stones was done by Erich Barth, art director, Information Services, who coordinated the creation of the mace replicas.



The larger of the two replicas is mounted on walnut, set in velvet and covered with glass.

The original University mace was designed and executed by Harold Muller of Guelph and was presented to the University by the citizens of Guelph. A symbol of law and authority at the University, the mace incorporates stone from the Johnston Arch, pine from Massey Library and metal from an old Ontario farm implement. The head is graced with a replica of the crown of Queen Victoria, during whose reign the Colleges were estab-

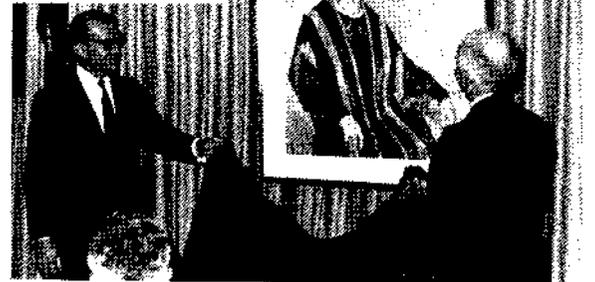
lished. The crown is decorated with native Canadian stones and below it are the insignias of Queen Elizabeth II and the three original Colleges. Enclosed in the head of the mace are four plaques bearing the coats of arms of Canada, Ontario, the City of Guelph and the University. On the main shaft is a four-sided silver shank with 16 symbols representing the arts, the sciences and various activities of the Colleges.

An oil portrait of the Chancellor, by Toronto artist Barbara Braunöhler, was also unveiled at the dinner. □



Cecil Franklin, Board of Governors, and President Forster with Pauline McGibbon, holding mace kilt pin.

Left, hand-crafted mace replicas; right, President Forster and Cecil Franklin, Chairman, Board of Governors, unveil portrait.



Continued from page 2.

It (almost) never rains on the Aggies

Drops of rain began to fall as Dean Clayton Switzer read the last names of graduates of the B.Sc.(Agr.) program Friday afternoon. Everyone was hoping he would finish before a downpour would break up the ceremony and also explode one of Guelph's most popular myths — "It Never Rains on the Aggies."

In the six years since President Forster decided that spring Convocation ceremonies would be much more comfortable for everyone if they were held outdoors instead of inside War Memorial Hall, it has never rained at the ceremony for B.Sc.(Agr.) graduates. Some people recall that there was a sprinkle or two a few years ago, but not enough to cause any great discomfort. Besides, no one really expected it would rain this year; it was not fitting since this was the last ceremony with Dean Switzer at the head of the College.

Nevertheless, the rain came as the ceremony ended and everyone headed across the campus to see how many people could fit into Creelman Hall.



Prof. N.R. Richards, left, with Arnold Holmes.

Friday afternoon's ceremony marked the first time that the Board of Governors was represented by a student member David Turnbull, who joined the platform party. The former Chairman of the Depart-

ment of Land Resource Science and former Dean of the OAC, Rick Richards, was made a Fellow.

In his address Prof. Richards said he knew of no time when there was greater need for well qualified graduates. "To sustain agriculture's important position in our national productive economy requires the participation of bright and industrious men and women in all phases of its activities, from farming to marketing, in communication and especially in its supporting research and education programs."

Agricultural communicators should think seriously about how to broaden the public's understanding of what agriculture is and what it provides for each person, not only in Canada but also abroad, Professor Richards said. "Consumers for the most part do not understand how it happens, but they expect our supermarkets, restaurants and clothing stores to be stocked with a variety of food and fabrics at relatively low costs," he remarked. □

Major NSERC equipment grant awarded to pathologist

A major equipment grant of \$162,500 has been awarded to Pathology Chairman, Dr. Ted Valli, by the Natural Sciences and Engineering Research Council of Canada. The equipment is a serum biochemical analyzer, and the NSERC grant, which represents half the purchase price, will support use of the instrument for animal research analyses. This unit will be installed in the Clinical Pathology laboratory at the OVC.

Dr. Valli's application was backed by seven other Guelph faculty members in various Departments: Drs. B.J. McSherry, J.H. Lumsden, J.R. Geraci, Pathology; J.D. Baird, Clinical Studies; Professors H.H. Draper, Nutrition; L.G. Young, Animal and Poultry Science and S.H. Safe, Chemistry. The wide range of disciplines they represent is emphasized in Dr. Valli's application: "Guelph is unique in the numbers of disciplines from which animal studies are conducted and in the number of research projects which will benefit from access to serum biochemical analysis. Of these projects, seven specific areas from ongoing research are detailed to support this research proposal."

These include Dr. Valli's research into the development of neoplastic nodules in the livers of rats and mice; Dr. Lumsden's work in health monitoring of swine by serum biochemical profiling; Dr. McSherry's in hyperbilirubinemia in cattle; Dr. Draper's into malonaldehyde as a contaminant of human diets especially with respect to prepared meats; Dr. Young's into the contamination of diets and tissues of food animals in Canada by highly potent mycotoxins, and Dr. Geraci's work on stress-induced changes in electrolytes and serum enzymes in seals and dolphins.

"Since we started in automated chemistry in 1979, there has been a tremendous development in that area, up to the current rate of approximately 100,000 determinations per year," notes Dr. Valli. The present instrument, an American Monitor KDA owned by the teaching hospital — which therefore has first call on its services — is now fully utilized. The need for its services as a research tool has increased to the point where evening shifts are needed to keep up with this demand.

The new serum biochemical analyzer, however, would be able to handle the load with ease. Consisting of a stand-alone computer which has interface capabilities with other computers such as Guelph's Amdahl, a chemistry bay, a brace of control monitors and a printer, the analyzer is a highly efficient and versatile instrument which eludes obsolescence by being able to incorporate future techniques as these become available.

The present instrument is costly in time and the amount of serum it requires to do analyses: the new machine can perform 30 tests on 0.65 ml of serum at a reagent cost of less than \$1.25; the older model does 14 tests requiring 1.65 ml of serum at a reagent cost of \$7.40. Furthermore, the new machine is capable of carrying out up to 30 analyses on 100 serum samples in less than half an hour or 240 profiles per hour. In fact, it will make the throughput 10 times faster, says Dr. Valli, consistently allowing 5,000 determinations per hour where only 500 were possible before.

The new instrument is also considerable of the researchers' time in other ways. Up

until now, getting results meant waiting until the last analysis on the last sample was completed; with the new equipment any one of a combination of 30 analyses will be available as completed.

The machine's reduced requirement for serum and its impressive capacity will have an immediate impact on animal research at Guelph. It will now be possible to carry out large scale studies, says Dr. Valli, using small amounts of serum from mice, rats, guinea pigs and quail, rather than depending on larger amounts from larger animals that cost so much more to house and maintain.

Extramurally, it will be possible to do a health management study of 1,000 dairy cows or sows — prohibitively expensive with the present equipment — at reasonable cost. Even where animals appear to be getting a nutritionally balanced diet, such an analysis of their serum can show how they are utilizing that diet and if errors are found, the matter can be put right.

The new serum biochemical analyzer, which will be able to provide data on-line in OVC's veterinary medical information management system, should be a useful tool not only at OVC but in the field throughout Ontario. With its amazing capabilities and versatility, it should become an integral and vital part of research in many areas of the University such as in animal and poultry science, nutrition and in the forthcoming Canadian Centre of Toxicology. □

Malaysia university honors Dr. Howell

The faculty and alumni of the Faculty of Veterinary Medicine and Animal Science at the University Pertanian Malaysia (Agricultural University of Malaysia) have endowed an award to be known as the Howell-Jubb Prize, in honor of Dr. Dennis G. Howell of the University of Guelph and Dr. Kenneth V.F. Jubb of the University of Melbourne, Australia.

The prize, which will consist of a gold medal and a monetary award, will be made to the top student in the final comprehensive examination. The first award will be made at a convocation ceremony in Malaysia August 13, when Drs. Howell and Jubb will be personally honored.

Dr. Howell has been identified with the development of the faculty in Malaysia for a number of years. He directed the CI DA aid program there in the 1970s and has maintained a close and personal relationship with the faculty since then. Dr. Jubb was on the staff of the OVC from 1957 to 1967, and is currently Dean of the veterinary school at Melbourne. In the 1970s he was responsible for directing the Australian aid program to UPM. □



Dr. Lian-Xiang Li, Institute of Hydrobiology, Chinese Academy of Sciences, People's Republic of China, right, recently spent about three weeks as a visiting scientist in Professor P.T.K. Woo's laboratory, Zoology, studying cryptobiosis in salmonids. At Guelph, Dr. Li discussed fish diseases, fish culture and nutrition with members of the Departments of Nutrition, Microbiology and Zoology.

Square dancing, art show highlight Alumni Weekend

The University of Guelph Alumni Association is expecting 2,000 members to participate in Alumni Weekend, Friday, June 17 to Sunday, June 19 at the University.

Events on the program range from barbecues and square dancing competitions to golf tournaments, baseball and a pancake breakfast.

The University of Guelph Alumni Association will hold its annual meeting Saturday, June 18 at 1:30 p.m. in Room 105, Physical Sciences building. Presentations of the 1983 Alumnus of Honor and the Alumni Medal of Achievement will be made during the program.

On Sunday, June 19, the Association will sponsor a luncheon to recognize its honorary president, Donald Forster, who will be leaving Guelph in September to become the President of the University of Toronto. The luncheon will be held in Creelman Hall at 12 noon.

The Mac-FACS Alumni Association will hold its own annual meeting, Saturday, June 18 at 10 a.m. in Room 113, Physical Sciences building. During the meeting, a plaque will be presented to the University to mark the Katherine Beck Lounge in Maids Hall, named in honor of Miss Katherine Beck, Mac '22, who spent many years as a dietitian in the campus cafeterias.

MAC '33 class members will celebrate their 50th anniversary and will be honored, along with all alumni who graduated 50 or more years ago, at the Golden Anniversary Dinner in Creelman Hall at 5:30 p.m., June 18.

The College of Social Science Alumni Association has planned activities including

baseball, races, an egg toss and a pancake breakfast beginning at 7:30 a.m., Saturday, June 17. The Association will hold its annual meeting in the Fireside Lounge, Lennox-Addington Hall at 11 a.m. At noon, alumni and their families will assemble on the games field east of Alumni Stadium of East Ring Road near the East Residence for a picnic and games.

The special feature of Alumni Weekend for Arts graduates will be "Dimensions '83," an art show in the Faculty Club, level 5, University Centre. The College of Arts Alumni Association will hold its annual meeting, Saturday, June 18 at 11 a.m.

The OVC Alumni are invited to attend a seminar Saturday, June 18 at 10 a.m. with lawyer Julian Porter in Room 103, University Centre. Photographs, documents and portraits from the OVC archives will also be on display at the Macdonald Stewart Art Centre. The Association's annual meeting will be held at 4 p.m. at the Art Centre. A reception and dinner for OVC alumni and guests will be held at 6:30 p.m. in Peter Clark Hall in the University Centre.

Dean Clayton Switzer, OAC, will be honored with the unveiling of a portrait during the OAC Alumni Association general meeting, Saturday, June 18 at 10 a.m. in Room 105, Physical Sciences building. The highlight of the day will be the Golden Anniversary Dinner in Creelman Hall at 5:30 p.m.

The CBS Alumni Association has reserved the island at Guelph Lake for alumni who enjoy camping. CBS will also sponsor

a guided walk through the Elora Gorge on Saturday morning.

The College of Physical Science Alumni Association will hold its annual general meeting Saturday, June 18 at 4:30 p.m. in Room 334, University Centre. Following the meeting, alumni are invited to a dinner in Peter Clark Hall at 6:30 p.m.

Accommodation for Alumni Weekend will be available in Johnston Hall or at local hotels and motels. The square dance competition will be held Friday, June 17 at 8 p.m. in Creelman Hall.

For square dance competition entry forms and for further information about Alumni Weekend, contact Rosemary Clark, Room 105, Johnston Hall, Ext. 2122. □

Dr. Hari S. Srivastava

Dr. Hari S. Srivastava is visiting the Department of Horticultural Science as a CI DA associate for the summer semester.

Dr. Srivastava obtained his M.Sc. from McMaster University in 1972 and his Ph.D. from the University of British Columbia in 1974. He was awarded the Canadian Commonwealth Scholarship to pursue graduate studies in Canada.

He is currently serving as a Reader in Life Sciences in the area of plant biochemistry at the University of Indore, India. He specializes in the enzymology of nitrate assimilation. He is also interested in the uptake, assimilation and effects of air pollutants on plants.

He has written one book, *Elements of Biochemistry*, two review articles and more than 45 research papers. His review article, "Regulation of Nitrate Reductase Activity in Higher Plants" (*Phytochemistry*, 1980), has been highly regarded by researchers in the field.

During the summer, Dr. Srivastava will be studying the effects of NO₂ air pollution on the biochemistry of nitrate assimilation. He will be collaborating with Professor D. Ormrod, Horticultural Science, and Professor G. Hofstra, Environmental Biology.

Dr. Srivastava would like to develop contacts with faculty members and graduate students who have similar research interests. He wishes to have informal discussions and group discussions, as well as present seminars on the enzymology of NO₃ assimilation and related topics.

He may be reached through Prof. Ormrod, Ext. 3036.



THE SALVATION ARMY Red Shield Appeal has exceeded its 1983 objective of \$48,000 for Guelph by more than \$15,000. Professor Mark Waldron, Director of the University School of Part-time Studies and Continuing Education and Chairman of the Campus Red Shield Appeal, reports that faculty contributions are double what they were last year and exceeded the target by \$1,228. Contributions can still be mailed to the Red Shield Appeal, Box 1146, Guelph, Ontario, N1H 6N3. The Campaign Committee wishes to thank the University of Guelph community for its generous support of the Red Shield Appeal.

THE COLLEGE of Physical Science Honor Roll, which includes the names of students in the undergraduate programs of the College who have achieved an average of 85 per cent or higher on five courses in the fifth, sixth, seventh, or eighth semesters, is as follows for the 1983 winter semester: semester 5, Robert Stone, Honors, Physics; semester 6, Ka Wang, Biochemistry, Lev Tarasoff, Honors, Theoretical Physics; semester 8, Derek Leinweber, Honors, Theoretical Physics, Murray Stinson, Honors, Computing and Information Science.

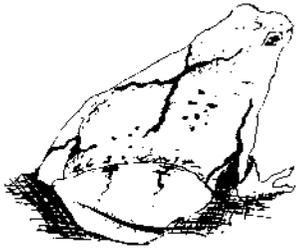
THE DATE for the Equine Health Review Day is Monday, June 20 NOT Saturday, June 20 as previously reported.

THE GROUNDS Department is moving this week from Trent Lane to the Vehicle Service building on Powerhouse Lane. The main entrance is off Powerhouse Lane and all telephone extensions will remain the same.

OPIRG, the Ontario Public Interest Research Group, Guelph Chapter, in conjunction with Summer Canada, is sponsoring a free campus summer day camp program for 10 to 15 year olds.

The camp running from Monday, July 4 to Friday, August 26, 9:30 a.m. to 12:30 p.m., will consist of eight weeks of instruction in organic gardening, recycling, environmental issues, and conservation. Each week will consist of four workshop days (usually Monday to Thursday) and a field trip or tour day (usually Friday).

For further information or a registration form, please contact Summer Youth Conservation Camp, c/o OPIRG Guelph, University of Guelph N1G 2W1 or phone 824-4120, Ext. 8591.



Arboretum issues booklet on plants

Local naturalists will welcome a new checklist of plants growing in uncultivated areas of the Arboretum between Stone Road and College Avenue. The new booklet, illustrated by Odette Barr, includes 248 species within 60 families of plants. Among these are seven members of the violet family which range from the downy yellow violet to the wild pansy, two orchids and 25 ferns.

Arboretum biologist Alan Watson, responsible for putting the list together, reports the brochure will be followed this summer by lists of mammals and herptiles (reptiles and amphibians). The popular bird checklist, published in April, 1982 with 134 species, has had seven species added in the past 12 months — the American woodcock, common snipe, yellow-billed cuckoo, mockingbird, Swainson's thrush, solitary vireo and fox sparrow.

Mr. Watson expects the plant list, too, will expand as visitors to Victoria and Wildgoose Woods, the McCrae Trail and environs spot additional species. He would like to hear of any interesting sightings. He asks people

not to pick a sample of the plant, but simply to make a detailed note of the location.

The checklists are available for Arboretum visitors, as are guides for each trail which are also used by biology classes from local schools. School classes are among the 9,500 people from toddlers to octogenarians, who visit the Arboretum each year. Members of the public are invited to walk on the trails, some of which are accessible to wheelchairs and the visually handicapped, and to attend the many programs.

These include Wednesday evening and Sunday afternoon events which start at the Nature Centre on Victoria Road. Wednesday, May 25 and June 8 were bird watching evenings, while June 22 will be a pond study, all starting at 7 p.m. Sunday programs include spring bird migration observation, a late spring walk in the woods, a discussion about sundials, and further programs throughout the summer, from 2 p.m. to 4 p.m. Sunday afternoons.

For additional information on Arboretum programs, telephone Ext. 3932. □

FOCUS

Iacovelli named to Hall of Fame

The elevation of Orlando ("Londo") Iacovelli to the Canadian Amateur Wrestling Hall of Fame crowns an 18-year career with the Department of Athletics that has been marked by one championship after another.

Reticent about his own role, Londo only reluctantly admits his personal victory as Canadian Open Champion in 1969 and the string of medals that University athletes have brought back to Guelph from international meets as a result of his coaching.

He prefers to emphasize the growth in participation and achievement in Canadian wrestling, and sees his Hall of Fame recognition as an acknowledgement of his role as a popularizer of the sport.

"Back in 1965 when I first came to the University from Ithaca, New York, I don't suppose there were more than 25 high school wrestlers of any consequence in the province. Today, there are over 400," he notes.

The important development in wrestling during the past two decades has been the emerging pre-eminence of American and Soviet wrestlers, and the opportunity for exposure to the world's best at international meets, according to Londo. "We bring that knowledge back with us."

Londo coaches about 30 Guelph student wrestlers during the fall and winter semesters and expects them to work out about three and one-half hours a day. About half of that time is spent on weight training and running. It takes about three years of hard work after high school to meet national standards and another three years before a wrestler can successfully compete internationally, explains the wrestler. Londo says a champion wrestler needs strength, speed and kinesthetic sense — the second-by-second awareness of the dynamics of movement between the wrestler's and his opponent's body.

Peter Barnsley, Athletics, rounds out the Iacovelli story: "Londo has led the wrestling Gryphons to nine Ontario University Athletics Association titles. He coached the Canadian team in the 1976 Olympics and led the national grapplers to three world championships. He coached the University of Guelph women's cross-country team to second place in the 1980 Canadian International Athletics Union and a gold medal in the individual standings."

But Londo says: "Guelph made a commitment to wrestling by hiring a full-time coach and providing one of the best facilities in the country." □



Left to right: Margaret McCready, first Dean of FACS; Janet Wardlaw, outgoing Dean; Richard Barham, Dean-designate.

A **FESTIVAL** will be held at Riverside Park Band Shell on Sunday, June 19, 2 p.m. to sunset. Sun Day '83 Festival will be presented by OPIRG Guelph Energy Conservation Centre to show support for our energy conservation and renewable energy. Join in the celebrations. Enjoy the music of Hi Hatz and others, energy displays, puppet shows and speakers on "Solar Energy," "The Conserver Society" and "Energy Conservation in the Food System." Contact the Energy Conservation Centre at 15 Suffolk St. E. or call 823-1461. In case of rain the festival will be held Tuesday, June 21.

HOMEWOOD SANITARIUM is celebrating its 100th anniversary Saturday, June 18. There will be an open house garden party and displays from 2 to 5 p.m.

Back from Indonesia

Professor J.I. (Hans) Bakker, Sociology and Anthropology, has recently returned from Sulawesi, Indonesia, where he conducted a study on the functioning of the sub-district (Kecamatan) level governmental rural development organization (the UDKP, Unit Daerah Kerja Pembangunan). He was a member of a team of Canadian and Indonesian development experts selected by WUSC (World University Service, Canada) and sponsored by ICDS/CIDA. While in Indonesia, he also investigated the possibility of a twinning arrangement between the University of Guelph and an Indonesian university through meetings with Presidents of six Indonesian universities and officials in the Ministry of Education and Culture (P & K).

Travels and Seminars

Professor J.C. Alexander, Nutrition, presented an invited lecture "Biological Effects of Thermally Oxidized Fat for a symposium on heated fats at the 74th annual meeting of the American Oil Chemists' Society held in Chicago. At the same meeting he also gave a paper entitled "Enzymatic Hydrolysis In Vitro of Thermally Oxidized Oils," co-authored by research associate, Dr. H. Yoshida.

Professor D.A.L. Auld, Economics, addressed the annual meeting of the Canadian Teachers' Federation in Toronto on "Public Sector Wage Controls and the Future of Collective Bargaining."

Professor E.A. Cebotarev, Sociology and Anthropology, has just returned from a two-week consultancy in Managua, Nicaragua. Prof. Cebotarev was invited by the University of Moncton, N.B., which has an extensive nutrition/education project in Nicaragua, to assist in the development of a curriculum at the Polytechnical University in Managua for the education of rural technical high school teachers, with "community development" responsibilities. Prof. Cebotarev was the main consultant in a six-day seminar-workshop which connected with the participation of the Ministries of Agriculture, Education and Health, the institutes of Social Welfare, Agrarian Reform and Higher Education, the Women's Association, four religious groups and two labor union representatives. The result of the collective effort was a new curriculum in which technical areas, usually taught separately to men and women, are integrated and the research and community development outreach functions strengthened.

Mr. C. Young Cho, Nutrition, took part in the First International Feed Industry Course organized by the Canadian International Grains Institute in Winnipeg. Mr. Cho was part of a

Campbell, C.D., T.E. Ross and F.J. Sharom, 1983. "Functional Reassembly of Lymphocyte Lentil Lectin Receptor Glycoprotein into Lipid Bilayer Vesicles," *Biochim. Biophys. Acta*, 730: 95-103 (Chemistry).

Gray, C.G., J. Ram, R. Barker, P.T. Cummings, and M.S. Wertheim, 1983. "Tests of SSC, SSCF and PY Theories of Pair Correlation Function for Molecular Fluids," *Molecular Physics* 48: 1177-1199 (Gray, Ram, Barker, Physics; Cummings, Stony Brook; Wertheim, Rutgers).

Liptrap, R.M. and J.I. Raeside, 1983. "Effect of Cortisol on the Response to Gonadotrophin Releasing Hormones in the Boar," *J. Endocr.* 97: 75-81 (Biomedical Sciences).

panel which outlined the special problems in manufacturing feeds for different species of animals. He described the special requirements for the manufacturing of fish feeds.

Professor L.N. Christofides, Economics, has returned from the University of Manchester, U.K., where he spent the winter term as Halls-worth Fellow. While there, Prof. Christofides presented seminars on aspects of labor market behavior at the Universities of Essex, Leicester, Manchester, Salford, and University College, Cardiff.

Professor W.T. Dickinson, School of Engineering, visited the Southeast Watershed Research Laboratory in Tifton, Georgia where he presented a seminar, "Predicting Areas of Field Erosion and Sediment Yield."

He also attended the Environmental Planners' Conference at Downsview where he presented a paper on "Estimation of Watershed Sediment Loads and Source Areas."

He also co-led, with Professor Greg Wall, an erosion and sediment control workshop in Belleville for OMAF, OMNR, OMTC and conservation authorities personnel and was a member of the consultant study team which prepared the master erosion control plan for the Rondeau Bay Watershed.

Professor A. Mellors, Chemistry, visited three laboratories in Kenya to collaborate in research into African sleeping sickness. The visit was sponsored by IDRC in Ottawa to promote international co-operation and development in this area. Prof. Mellors visited the Kenya Trypanosomiasis Research Institute, Muguga, the International Centre for Insect Physiology and Ecology, Nairobi, and the International Laboratory for Research on Animal Disease, Nairobi.

Jennifer Reader, Staff Association President, was an invited panel member at the College and University Safety Council's annual conference, held at Waterloo in May. Mrs. Reader represented Ontario Staff Associations on a panel comprised of representatives from OPSEU, CUPE, and UAW, which dealt with "The Labor Perspective on Occupational Health and Safety."

Dean John Vanderkamp, College of Social Science, attended a Labor Economics Conference held at McMaster University. He gave a paper on "Union-Non-Union Differentials in Annual Earnings: An Empirical Study Using Canadian Longitudinal Micro Data 1969-1971" which was co-authored with Professors E.K. Grant and R. Swindinsky, Economics.

Personnel Professional (temporary appointment), Personnel Department. Contractually limited appointment up to six months. Salary commensurate with qualifications and experience. Assistant Co-ordinator/Registrar (contractually limited position), Learned Societies Conference, 1984. Salary commensurate with qualifications and experience. Bilingual Secretary (English/French) (contractually limited position), Learned Societies Conference, 1984. Starting range: \$234.58 - \$254.12 (1982/1983 rates, subject to review). Conference Manager, Residences, Central Reservations and Conferences. Salary range: \$19,450 - \$23,340 (1982/1983 rates, subject to review). Laboratory Technician, Biomedical Sciences. MTS III. Salary range: \$273.16 - \$392.86 (1982/1983 rates, subject to review). Library Associate, Science and Veterinary Science, Library. Salary range: \$292.37 - \$416.89 (1982/1983 rates, subject to review).

University Graduates and Jobs

Statistics Canada has released a comparison of the occupations and industrial sectors entered by university graduates in 1971 and 1978. The study examines three aspects of the relationship between education and employment: it provides descriptive statistics on the occupations graduates entered early in their careers and the changes that occurred between 1971 and 1978; describes the industries that hire graduates, and considers graduates in terms of their traditional dependency on the public sector for employment and also the effect on graduation patterns from 1970 to 1981 of the slowdown in public sector growth.

University Graduates and Jobs: Changes During the 1970's, shows a shift in fields of study leading to employment in the public sector to those associated with placement in the private sector. The report is available from Statistics Canada at \$8.45.

Conference Corner

The Association for Canadian Studies, in cooperation with the Canadian Women's Studies Association and the Canadian Association for Adult Education will hold a joint conference June 4 to June 6 at the University of British Columbia. It will be preceded by the first international conference of the International Council for Canadian Studies June 1 to June 3.

The Canadian Association for University Continuing Education professional development day and annual general meeting, "Survival and Progress; Building University Continuing Education in Hard Times," takes place June 13 to June 16 in Halifax.

Recent Publications

Mathew Bullock of Barclay's Bank, in his report Academic Enterprise, Industrial Innovation and the Development of High Technology in the U.S., describes the growth of the small research-based company in the States and the central part played in this by the companies "spawned" from universities. It is available from Brand Brothers and Co., 32 Southborough Rd., London, England E9 7EF for 10.

An analysis of the interchange process, from the perspectives of both students and institutions, is provided in Educating Students From Other Nations, American Colleges and Universities in International Educational Interchange, by Hugh M. Jenkins and Associates. It is available through Jossey-Bass Inc. Publishers, 433 California St., San Francisco 94104. \$19.95 U.S. prepaid.

Speaking with One Voice, Universities in Dialogue with Government, by Dr. Gwendoline Evans Pilkington, profiles the evolution of the Association of Universities and Colleges of Canada through an account of the relations of Canadian universities with federal and provincial governments, 1911-1981. Copies may be obtained from the McGill University Bookstore, 1011 Sherbrooke St., Montreal, Quebec H3A 1G5 for \$10, including postage.

Conference Notebook

The second Canadian conference of college and university ombudsmen will be held at Concordia University June 12 to June 15. The opening session, "Why Universities Need Ombudsmen," will be useful to institutions currently considering the creation of an ombudsman's office. Information: Suzanne Belson, university ombudsman, Concordia University, 7141 Sherbrooke St. W., Montreal H4B 1R6, (514-482-0320, ext. 257).

Next Week at Guelph

THURSDAY, 83 06 09

Workshop - TURF RESEARCH FIELD DAY, 1400, Cambridge Research Station, Ext. 2232 for details.
Workshop - ONTARIO LAND USE EVALUATION RESEARCH WORKSHOP, 1330, Crop Science, Rm. 116-117, Ext. 3933 to register.
Spotlight on the University of Guelph - 1900, cable 8.

FRIDAY, 83 06 10

Friday Flix - SIX WEEKS, 2000, PS105.

SATURDAY, 83 06 11

Arboretum Program - SUMMER BIRD SURVEY, 0800, Arboretum Centre.

SUNDAY, 83 06 12

Cycling Club - ELMIRA-ST. JACOBS, 1000, front of UC.
Worship - CATHOLIC MASS, 1015, Red Lounge, MacKinnon bldg.;
CAMPUS CHURCH SERVICE, 1030, PS113.
Sunday Afternoon Walks - BREEDING BIRDS, 1400, J.C. Taylor Nature Centre, Arboretum.
Workshop - RELEASING WOMEN'S POTENTIAL, 1330, PCH.

MONDAY, 83 06 13

Spotlight on the University of Guelph - 1830, cable 8.
ICS - MORE ON MICROCOMPUTERS, D. Genner, D. Hood, 1330;
INTRODUCTION TO SCRIPT FOR SECRETARIAL STAFF, M. Brochet, Ext. 3046 to register.
Continuing Education - SEXUAL COMMUNICATION: IMPROVING RELATIONSHIPS, 0900, Ext. 3956 for details.
Conference - OAC BANKERS SCHOOL, Ext. 3933 for details.

TUESDAY, 83 06 14

ICS - SAS GRAPHICS, T. MacKay, 1330, Ext. 3046 to register.

WEDNESDAY, 83 06 15

Guelph Cycling Club - PUSLINCH LAKE, 1715, front of UC.

THURSDAY, 83 06 16

Spotlight on the University of Guelph - 1900, cable 8.

Available

Typing/computer script processing of theses, essays, 653-0664.

For Sale

V42 Magna, 750 cc, midnight blue, 821-8891 after 1800; 20 cu. ft. chest freezer, oak sideboard with bevelled mirror, 822-1959 after 1600; German Olympic running martingale (Market Harbour), rolled leather English show bridle, size 12 navy blue English riding jacket, size 5 Aigle English riding boots, size 4 English riding boots, several bits, 843-5778 after 1800; air conditioner, tandem, 824-1821; kitchen table and four chairs, 824-0563 after 1700; 4-piece painted bedroom suite, 836-9418, evenings; Viking upright vacuum cleaner with spare bags, new electric popcorn popper, 836-2303; three bedroom brick townhouse, Cambridge, 653-9982; 1978 DS125 Enduro dirt bike, Chev. 350 engine block, 836-9551.

Wanted

Apartment sized piano, 821-6828, evenings; rocking chair, 836-2303, evenings; two or three bedroom house or duplex to rent starting Aug. 1, suitable for married couple and two pets, 837-1048 after 1700.

For Rent

Three or four bedroom furnished bungalow, available June & July, 836-2885; furnished three bedroom home, Sept. 1/83 to July 1984, 821-7117; unfurnished three bedroom house, 1 mile from campus, available Sept. 1, P.O. box 010375; two bedroom house, close to University, reasonable rent for July and August, contact Mark, 2688.



The Chaine des Rotisseurs Award was presented recently to HA FA student, Kimberly Dibb. Left to right: Prof. E. Fletcher, Chairman B.Comm. Awards Committee, Kimberly Dibb, Flesheron, Ontario and Mr. Arthur Elwood.



The winner of the 1983 Controlled Foods International Scholarship was Jane Chalmers, Fergus, Ontario, left, receiving the award from Dr. T.F. Powers, Director, School of Hotel and Food Administration.

Postage Paid-In-Cash At Third Class Rates Permit 1149, Guelph, Ontario.

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