

guelph

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Murdo MacKinnon retires in April

A salesman of sorts

English Language and Literature professor Murdo MacKinnon was in fine form. He quipped about the symmetrical shape of his career — 18 years at the University of Western Ontario followed by 18 (with retirement in April) at Guelph. He "talked up" one of many musical projects dear to his heart, the Guelph Chamber Choir. He spoke, with genuine pleasure, of his students and of his pride in their achievements. And he apologized for having not yet finished two books started seven years ago, about the time the *News Bulletin* interviewed him on retiring as Guelph's first Dean of Arts. He has been so busy with other things, he confessed; the books have had to wait.



Prof. MacKinnon

That earlier *News Bulletin* article had recorded some of his contributions over 11 years: in the formation, staffing and development of Wellington College of Arts and Science (later the Colleges of Arts, Social Science and Physical Science); in the design and creation of the Arts building and the McLaughlin Library building; in the encouragement of a culturally vibrant University environment — to be a unifying force on campus and between the University and the community; in the establishment of the Guelph Spring Festival, the Guelph Arts Council, the University of Guelph Choir, and in the preservation and fostering of the University's Art Collection. In time this would lead to his actively supporting the development of the Macdonald Stewart Art Centre as the Collection's permanent home.

This list by no means represents all of Prof. MacKinnon's interests. There are also numerous associations of which he is either founding member, president/chairman, or both, reflecting his concerns not only in North America but in Europe.

Whatever the project or field, Prof. MacKinnon approaches it with infectious enthusiasm. "I guess, basically, I am a salesman of sorts." Even in the lecture room he is a supersalesman for John Milton; always up, "he never seems to have a bad day."

As a promoter of community endeavors, like the Guelph Spring Festival, he ranks with

the best. According to English Language and Literature professor, Eugene Benson, also an Edward Johnson Music Foundation board member since 1968 and president of the Foundation during 1971 to 1972, the total budget for the Festival when it began was \$30,000; now it is \$350,000. "That means that Prof. MacKinnon, with the board's help, must have raised between \$4 million and \$5 million in the intervening years."

The artistic director of the Festival, Nicholas Goldschmidt, OC, recalls the second year of the Festival, three days before the North American premiere of Benjamin Britten's *The Prodigal Son* in the Church of Our Lady, when only 70 seats had been sold. Shattered by the turn of events, some board members urged the cancelling of the opera. Others, like Mr. Goldschmidt, saw such action as a loss of face from which the Festival might never recover.

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Welcome to our Open House

University of Guelph doors will be open wide to visitors this weekend for the 58th annual College Royal and University Open House Weekend.

Open House on Saturday begins at 9 a.m. and continues to 5 p.m. The official opening and public address will be performed by CTV news commentator Lloyd Robertson in Peter Clark Hall of the University Centre at 1 p.m. Traditional events include the Livestock Show, Seeds and Forage Show, Cat Show, Fashion Show, and the Square Dance Competition. The Flower Arranging Competition and the Jury Show are back again. Drop by the Athletics Centre to see the Performing Dance Group and Synchronized Swim Team routines. Pony rides and live veterinary surgery will be highlights in the OVC. Other attractions will include the Engineers' Bridge Building Competition, the Chemistry Magic Show, Fly Days, the French House Puppet Show, Campus Bus Tours, Residence Tours, and the HA FA Restaurant. *Curtain Call*, the student drama production which parodies life at the "Unigoo" is entitled "Gidget Goes to Guelph."

After a busy day Saturday, there will still be many things to do and see on Sunday. Open House on Sunday begins at 11 a.m. and continues to 5 p.m. Youngsters may once again visit Old MacDonald's Farm in the Old Dairy Barn. The third annual Woodsmen's Competition to be held south of the Athletics Centre includes pulp throwing, cross cutting, Swede sawing, and dot split skills performed by co-ed teams.

All details are listed on the back page of this issue of the *News Bulletin*.

The University of Guelph community is proud to display what it has to offer. We hope you enjoy this exciting and informative weekend. □

Meeting of February 25, 1982

Dean of Research Bill Tossell presented the University of Guelph's *Strategy for Industrial Interaction* report to this meeting of the Board of Governors. The report was received enthusiastically by Board members. The Board also discussed the February 18 meeting of University heads with Premier Bill Davis.

Vice-President, Administration, Charles Ferguson said at last Wednesday's information session that the Board also reviewed a report on the organization and key policies for the Canadian Centre for Toxicology, and gave its approval for proceeding with the application for incorporation, pending the University of Toronto's Governing Council's similar approval. The next step is to prepare and present the bylaws, said Mr. Ferguson who noted there are a great number of administrative details yet to be worked out, including a search for a director. Periodic progress reports will be given at Board meetings, he said.

Board also approved new Food Service and Residence Rates. Food Service rates represent about a 10.3 per cent increase and Residence rates are up on average 9.6 per cent.

Capital Project Status Report

Cladding on the South Residence is progressing well with about 40 per cent of the work finished. The project is expected to be completed in August.

A Salesman *Continued from page 1.*

Meanwhile, Prof. MacKinnon, befitting his rank as former squadron leader in the RCAF, quietly set up his campaign. Without delay he recruited a sizeable company of volunteers who fanned out over the entire Guelph area. On opening night the Church was packed; the reviews that followed, ecstatic; the next two performances sold out, "... and we never looked back," says Mr. Goldschmidt. "That, I think, is 'typical Murdo'."

Just as typical is Prof. MacKinnon surrounded by people, dispensing "Choir" cheese from his briefcase. The sale of cheese by choir members has been a brilliantly successful money-raiser for Guelph's internationally known and respected Choir — and Prof. MacKinnon therefore enters as energetically into his cheese selling as he does everything else.

The University of Guelph Choir has now sung in many of the great cathedrals of England, Scotland, Germany and Scandinavia. Prof. MacKinnon, as tour manager, since the beginning in 1972, has been responsible for all the preliminary work, the logistics, and

Laboratory furniture is being installed and all finishing trades are in progress on the renovations in the pharmacology and toxicology area of the OVC. The completion date is March 31.

The building committee is preparing the building program and a brief to the architect for the Equine Research Centre.

Macdonald Stewart Art Centre

The Art Centre recently received a major grant from the National Museums of Canada for the production and circulation of *Bridges: A Collaboration Between the Painter, Paul Fournier, and the Composer, Robert Daigneault*. The exhibition/performance will be premiered at the Centre as part of the Guelph Spring Festival. It will then travel to Charlottetown, Oshawa, Windsor, Winnipeg and Saskatoon.

MOTIONS

Membership Committee

- Board approved the report of the Membership Committee as presented.

Canadian Centre for Toxicology

- Board gave approval for proceeding with the application for incorporation of the Canadian Centre for Toxicology pending the University of Toronto's Governing Council's similar approval.

contacts. Before each tour he covers the route so that nothing is left to chance, everything is in readiness for the Choir's arrival.

Of all Prof. MacKinnon's interests, perhaps the keenest has been his students. Edwina Carson, publicity director of the Guelph Spring-Festival and one of his former students at Western, says "His idea of Heaven is a busload of students ... singing," as she recalls the frequent gatherings of 30 or more at the MacKinnon home.

With retirement, Prof. MacKinnon is relinquishing some of his major commitments, including the chairmanship of the Festival. He is not severing ties, just rearranging priorities.

What will the future hold? He may get back to writing those books, but, on the other hand, as he looks back over a plethora of satisfactions "the single, startling thrill" was the opening of the Macdonald Stewart Art Centre. "Guelph does not have a proper concert hall," he muses. (Although it has the highest number of Ontario Arts Council-funded musical groups per capita of any centre in Ontario.) "And Winnipeg," he continues, "built its great Civic Auditorium at the height of the Depression." Well, we shall just have to wait and see. □

Food Service Rates

- Board approved the University of Guelph's Food Service rates, effective May 1, as follows: Plan A — fall semester, \$470; winter semester, \$480. Plan B — fall semester, \$530; winter semester, \$540.

Residence Rates

- Board approved the University of Guelph's residence rates, effective May 1, as follows: Single student residences: East Residence, apartment style: spring, singles, \$625 per semester; fall and winter, singles, \$740 per semester, doubles, \$680 per semester. North and South Residences: fall and winter, singles, \$690 per semester; doubles, \$630 per semester, apartments, \$280 per month. Student family accommodation: spring, fall and winter, furnished, \$317 per month, unfurnished, \$304 per month.

Appointments

- The Board approved the following appointments:

CPS: Robin W. Ollerhead has been appointed professor and chairman of the Department of Physics for a five-year term, effective May 1. He replaces Professor Duk Poll who has been Acting Chairman since Professor Jack MacDonald became Dean of the College; Jayanti Majithia becomes professor and chairman of the Department of Computing and Information Science May 1, replacing Professor Kats Okashima who has been Acting Chairman since Professor James Linders completed his term; William F. Langford becomes associate professor in the Department of Mathematics and Statistics August 1. He fills an existing position.

University School of Rural Planning and Development and the College of Social Science, Department of Geography: John Errol Fitzgibbon begins this new joint appointment as associate professor August 15.

OAC: Dr. A.G. Ball will serve a further term as Associate Dean from June 30 to December 31.

University of Guelph Administration: Dr. R.E.A. Mason begins a second five-year term as Director of the Institute of Computer Science July 1.

University School of Part-Time Studies and Continuing Education: Professor Mark Waldron has been reappointed as Director of the School for a second term of five years beginning September 1.

Canadian Centre for Toxicology: Professor Freeman L. McEwen is Acting Director of the Centre from February 22 to December 31.

Guelph-Waterloo Centre for Graduate Work in Physics (GWP)²: Dr. D.E. Brodie of the University of Waterloo will continue as Director of (GWP)². Dr. Brodie is soon to become the Dean of the Faculty of Science at the University of Waterloo. □

THE MARCH 16 MEETING of Senate has been cancelled. The next regular meeting is Tuesday, April 20.

MINDPOWER

Let's invest in this resource.



Dr. Saunders

The University of Guelph Civic Symphony Orchestra, under the direction of its music director, Professor Stanley Saunders, will perform the newly-discovered symphony written by Mozart at nine years of age Thursday, March 18 at 8 p.m. in War Memorial Hall.

The "Symphony in F Major" received its first North American radio and television airing during a performance on the lawn of the White House with President Ronald Regan in the audience. It was the musical sensation of 1981. It has also been recorded, though not yet released, by the Berlin Philharmonic and New York Philharmonic Orchestras.

A letter from a European colleague alerted Dr. Saunders to the exciting discovery in Bavaria of the unknown symphony. Dr. Saunders followed up his friend's lead and was successful in renting the score and parts. The Guelph performance of this work will be one of the first in Canada.

The surprise find, reported on the front page of the *New York Times* February 18, 1981, was a complete set of parts for an F Major Symphony written by the nine-year-old Wolfgang. The handwriting was clearly that of Wolfgang's father, Leopold. The existence of the symphony had been known for years. However, only the first 15 bars were extant, according to Prof. Saunders. They had been notated, also by the father, on the cover of the first violin part of the D Major Symphony, K. 19. This fragment, therefore, showed up as K. 19a in the third edition of the *Koechel Catalogue* edited in 1937 by Alfred Einstein. The Symphony in F Major was considered lost, but it was discovered in 1980 in private possession and was later

Guelph Symphony scores a first Mozart's mini-masterpiece

acquired by the Bavarian State Library in Munich. The orchestral parts, which are completely preserved, are in the handwriting of Leopold Mozart. The symphony has been authenticated by Robert Muenster, a leading musicologist, scholar, and one of the editors of the great critical edition of the complete Mozart works (*Neue Mozart-Ausgabe*).

In his preface to the score, Muenster writes of a concert at London's Little Theatre at the Haymarket on February 21, 1765, which contained no less than three symphonies by Wolfgang, who had just turned nine. His father had complained bitterly to a friend in Salzburg about the high costs of copyists: "All the symphonies in the concert will be by Wolfgang Mozart. I have to copy them myself, if I'm not to have to pay one schilling for each page." Leopold Mozart appears to have offered it to Breitkopf and Haertel in 1772, since its incipit appears in the old handwritten catalogue of this firm. The work became unknown after Mozart's death, says Prof. Saunders, and it was assumed that it was a part of Leopold Mozart's estate that was widely scattered.

The Symphony in F Major is scored for two oboes, two horns, strings and harpsichord. The sequence of the movements — Allegro assai, C; Andante, 2/4; and Presto,

3/8 is characteristic of Wolfgang's earliest symphonies and shows the influence of the Mannheim Schools — especially in the first and second movements. However, the work appears to be principally influenced by Johann Christian Bach. The finale is Mozart's first rondo for orchestra.

Conductor Leonard Slatkin, interviewed before the North American broadcast, stated: "We think we have a mini-masterpiece on our hands. There is a zest for life; all the things we have come to love in Mozart." The *New York Post's* headline read: "Mostly Mozart: it's totally magnificent." Paul Hume in the *Washington Post* wrote: "In musical content there is nothing unusual about the Symphony or how it goes its happy way, gracefully following the conventions of 1765 when Mozart wrote it in London. But for it to be the work of a nine-year-old boy is staggering."

Other works to be included on the Guelph program are the Overture, Prometheus by Beethoven; the Oboe Concerto by Cimarosa (soloist, Karen Rotenberg); the Amaryllis Suite by Handel, arranged by Sir Thomas Beecham; and the Frandole, from *L'Arlésienne, Suite No. 2* by Bizet.

Tickets, \$4 general and \$3 students and seniors are available from the box office, Ext. 3940, or at the door the evening of the concert. □

Horticultural Science welcomes post-doctoral students

Dr. Michael Porter and Dr. Jennifer Stephens have joined the Department of Horticultural Science as post-doctoral students to work on photorespiration in relation to crop productivity with Dr. B. Grodzinski.

Dr. Porter completed his doctorate studies at Kansas State University where he was researching chloroplast proteins. Dr. Stephens completed her postgraduate research at Agricultural Research Council Letcombe Laboratory on the effects of temperature on the hydraulic conductivity of maize roots. Her doctorate was awarded by the University of Reading, England. □

FINE ART students are selling original etchings, lithographs, woodcuts and silkscreens Thursday, March 18 and Friday, March 19 in Zavitz Hall. Prices start as low as \$5. Proceeds go to the establishment of a scholarship fund.

AN ART exhibit featuring Canadian and native artists is in the Faculty Club this month. A meet-the-artist evening for The Woodland Gallery is Sunday, March 14 from 1 p.m. to 3 p.m. Refreshments will be served.

GUELPH SERVICES for the Physically Disabled is forming a group for young adults, 15 to 35 years. A meeting will be held Wednesday, March 17 at 70 Dawson Road. Details: 821-5565.

A LECTURE, "The Beautiful and the Ugly" will be given by Philosophy professor Jacob Amstutz Sunday, March 21 at 2 p.m. in the lecture room of the Macdonald Stewart Art Centre. A lively discussion is expected to follow this lecture on aesthetics. Admission is free and everyone is welcome.

SATURDAY MORNING art classes for children 10 to 12 years will be held at the Macdonald Stewart Art Centre beginning April 3 for eight weeks. Details are available at the Art Centre.

A CONFERENCE sponsored by Political Studies students in the International Development Course entitled "Development People in Conflict Over Resources" is planned for Friday, March 19, Saturday, March 20, and Sunday, March 21.

The aim of the conference is to create public awareness of the current trends, issues and conflicts in the development process. Speakers will focus on Asia, Africa, the Middle East and Latin America. The keynote speaker is the Director of the School of Rural Planning and Development, Professor Mark Lapping. The closing address will be given by John Foster, resource person, United Church of Canada.

Everyone is welcome and there is no admittance charge. Details: Professor J. Nef, Ext. 2168; Carla Kisco, 821-5956, or Karen Richards, 822-1027.

Dean Switzer named Fellow of Weed Society



Dean Switzer, right, is congratulated by President Donald Forster.

OAC Dean Clayton Switzer was named a Fellow of the Weed Science Society of America at the annual meeting of the Society held in Boston. The prestigious award recognizes his significant contributions to the profession and to the Society.

Dean Switzer has been widely recognized for his contributions to research related to phenoxy herbicides and to weed control in turf. A former member and chairman of the Department of Botany, he has maintained his research and supervision of graduate students during the past 10 years that he has been Dean of the College.

Dean Switzer is a past-president of the Ontario Institute of Agrologists and the International Turfgrass Society.

The Dean graduated from OAC in 1951 and obtained his Ph.D. from Iowa State in 1955. Dean Switzer has been a faculty member at Guelph since 1955. He is a member of the Science Council of Canada and chairman of its food committee; a member of the Canadian Agricultural Services Co-ordinating Committee, and a member of the Canadian Agricultural Research Council. In addition, he is active on a number of other industry committees and several professional organizations. □

Bray, Tammy M., and Onkar S. Atwal, 1981. "Glycogen Accumulation in Alveolar Type II Cells in 3-Methylindole-Induced Pulmonary Edema in Goats," *American Journal of Pathology* 105: 255-263 (Nutrition).

Brisco, B. and R. Protz, 1982. "Manual and Automatic Crop Identification with Airborne Radar Imagery," *Photogrammetric Engineering and Remote Sensing* 48: 101-109 (Land Resource Science).

Cocivera, M., G. Ferguson, R.E. Lenkinski, P. Szczecinski, F.J. Lalor and D.J. O'Sullivan, 1982. "NM R Relaxation Studies of ¹⁰³Rh," *J. Magn. Reson.*, 46: 168-171 (Chemistry).

Derbyshire, J.B., 1981. "Virus Diseases of Pigs," Chapter 10 in E.P.J. Gibbs, ed., *Virus Diseases of Food Animals*, London: Academic Press, pp. 170-204 (Vet. Micro.).

Eidlin, Fred H., 1981. "Review of Philip L. Beardsley, *Redefining Rigor: Ideology and Statistics in Political Inquiry*, in *The American Political Science Review*, 75(4): 1015-1016 (Political Studies).

Fortin, J.F. and J.O.D. Slocombe, 1981. "Survival of *Dirofilaria immitis* in *Aedes triseriatus* Exposed to Low Temperatures," *Proceedings of the Heartworm Symposium '80*, Dallas, Texas, pp. 13-16 (Pathology).

Grimstad, Kari, 1981. *Masks of the Prophets: The Theatrical World of Karl Kraus*, University of Toronto Press (Languages and Literatures).

Kuecks, R.W. and J.O.D. Slocombe, 1981. "Rapid Histochemical Differentiation of *Dirofilaria immitis* and *Dipetalonema reconditum*," *Proceedings of the Heartworm Symposium '80*, Dallas, Texas, pp. 48-50 (Pathology).

Sullivan, D.E., R. Barker, C.G. Gray, W.B. Streett and K. Gubbins, 1981. "Structure of a Diatomic Fluid Near a Wall I," *Molec. Phys.* 44: 597-621 (Sullivan, Barker, Gray; Physics; Streett, Gubbins; Cornell University).

Williams, R.K., 1981. "Pressure Enhancement of Charge Transfer Complexing," *J. Phys. Chem.*, 85: 1795-1799 (Chemistry).

Williams, R.K., 1981. "Volume Changes on Association of Aromatic Rings in Water," *Proceedings of the Eighth International High Pressure Conference*, Uppsala, September (Chemistry).

Wiseman Henry and Alastair Taylor, 1981. *From Rhodesia to Zimbabwe — The Politics of Transition*, New York: Pergamon Press (Political Studies).

OCUA Appointment

Professor R.C. Anderson, Chairman, Department of Zoology, was appointed for a four-year term to the academic advisory committee of the Ontario Council on University Affairs.

The committee, consisting of seven academics, will advise OCUA on matters concerning graduate programs, as well as undergraduate professional programs, in Ontario.

Travels and Seminars

Nigel Bunce, Chemistry, was invited speaker at Queen's University where he presented a lecture, "Photochemistry of Chloroaromatic Compounds: Mechanisms and Environmental Significance."

He also visited Guelph Collegiate Vocational Institute and gave a lecture to grade 12 classes on "Chemistry and Light."

Mary Cocivera, Information Services, spoke at the annual district conference of the Council for Advancement and Support of Education held in Lancaster, Pennsylvania. Her talk focused on the *FACS Sheets*, a publication which won an exceptional achievement in writing award sponsored by the Washington, D.C.-based CASE organization.

More than 800 delegates from colleges and universities in Ontario, New York, New Jersey, Maryland, Delaware and Washington, D.C., attended the conference.

At the invitation of the Department of Chemistry, Indian Institute of Technology, New Delhi, India, Dr. Ram Goel, Chemistry, spent the winter, 1981, semester at the Institute as a visiting professor.

During his stay in India, Dr. Goel also gave invited lectures at the department of chemistry, University of Rajasthan, Jaipur; the chemistry division, Tata Institute of Fundamental Research, Bombay; and the department of chemical engineering and technology, Banaras Hindu University, Varanasi. Dr. Goel then spent the month of May, 1981, as guest professor at the Lehrstuhl B für Anorganische Chemie der Technische Universität, Braunschweig, in the Federal Republic of Germany. During this visit he also gave invited lectures at the Anorganisch-Chemisches Institut der Universität Bremen, the Anorganisch-Chemisches Institut der Technische Universität, München and the Institut für Anorganische Chemie der Universität Würzburg. The visit to the Federal Republic of Germany was undertaken at an invitation from the Deutscher Akademischer Austauschdienst, Bonn. From June to August, 1981, Dr. Goel visited France in the framework of the Canada-France Scientific exchange and spent some time at the Institut de Chimie, Université Louis Pasteur, Strasbourg; the Laboratoire de Chimie Minerale Moleculaire, Université de Nice; the Laboratoire de Chimie Co-ordination du CNRS, Toulouse and the Institut de Recherches sur la Catalyse, Villeurbanne.

Dr. Terry E. Graham, School of Human Biology, attended the Ontario Exercise Physiology Annual Meeting held at Collingwood. Graduate student Lynn Dibblee presented a paper "Examination of Fitness Level and Body Composition over Three Trimesters of Pregnancy" and research assistant Lynn Fischer-Ingram also presented a paper, "Breathing Patterns during Low and High Intensity Running at Two Environmental Temperatures."

Destination: Malawi

Family Studies professor Lila Engberg has embarked on an African adventure with a two-year appointment to Chancellor College, University of Malawi. She is part of a CI DA project, administered through Mt. St. Vincent University, which involves developing a home economics degree program in the University of Malawi. The University's current diploma program will be upgraded to a three- or four-year degree program designed primarily for teachers.

No stranger to international projects, Prof. Engberg spent five years at the University of Ghana in a similar capacity. The Malawi project will involve two Canadians and two faculty members from Malawi, one of whom earned her Master's degree in family studies at the University of Guelph. The Canadians will be replaced when the program is established.

"Our goal is to build a knowledge base in Malawi and develop a research capability in the country," explained Prof. Engberg before leaving. "That is the first step toward documenting local patterns of production and consumption and developing local technology."

Prof. Engberg spent several years in Malawi in the 1960's as a FAO advisor to the department of community development. In that capacity, she integrated programs for

rural women into the community development and agricultural extension services of the government. She expects to renew acquaintances with her former colleagues and check up on programs she helped to develop which are still going strong. Her experience in communities will give Prof. Engberg a valuable perspective on the needs of the country and how best to develop a university program to meet those needs.

"With her extensive international experience and her commitment to women, families and rural development, Prof. Engberg is an ideal choice to develop the program at the University of Malawi," says the Chairman of the Department of Family Studies, Professor Richard Barham. "Her understanding of the household as the basic human resource unit and also as a fundamental production unit will provide an important orientation for curriculum development."

Prof. Engberg also plans to visit the UNESCO Headquarters in Paris to gather up-to-date information on curriculum development, especially work done in Africa. She will stop in Rome to visit the headquarters of the FAO, to learn about programs they support in Malawi. Finally, she will visit Kenyatta University in Kenya where a similar degree program has already been established. □

"The Arctic" comes to the Sportsmen's Show



The Snowy Owl

"Arctic Perspectives," the University's exhibit at the Toronto Sportsmen's Show, March 19 to March 28 portrays the austere beauty of the vast, remote Canadian region.

Magnificent color photographs and brief text in "Arctic Perspectives" show the Arctic as it is seen by Guelph zoologists who pursue research in the North. The photographs highlight not only the land but the animals and plants that have adapted so effectively to the severe northern environment.

In a slide presentation in the exhibit, an ecologist points out the contrasts between the High and Low Arctic and indicates the diversity in the Arctic and its lifeforms.

A hands-on Telidon demonstration project in the Arctic Perspectives exhibit features Guelph research in that area.

"Arctic Perspectives," produced by the Department of Zoology, Media Production and Information Services, features photographs taken by Professors Vernon Thomas, David Lavigne and Ronald Brooks and several graduate students in the Department of Zoology, Norman Lightfoot of Media Production and Stuart McDonald of the National Museum of Natural Sciences. Funding for the exhibit came from the University and the Canadian National Sportsmen's Show. □

DIRECTOR OF MUSIC, Dr. Stanley Saunders, will be guest conductor of the McMaster Symphony Chamber Players Friday, March 12, 8 p.m. Convocation Hall, McMaster University, and Sunday, March 14, 2 p.m. at the Art Gallery of Hamilton.

The public is invited to these two performances; admission is free. The program will include the Overture, *The Italian Woman in Algiers* by Rossini; *Concerto No. 1 in G Major, K. 313 for Flute and Orchestra* by Mozart (soloist, Linda Elder), and *Symphony No. 1* by Beethoven.

LANGUAGES AND LITERATURES needs a programmer on a part-time or full-time basis for now or next semester for a research project in computer-assisted instruction. The person must know BASIC and have experience on a micro. Contact: Ext. 3883.

"CAMERATA FOR KIDS" is the final show in the children's series presented this season by the University Centre. The program, which encourages participation from its young audience, includes a musical version of *Little Red Riding Hood*, and "Opera Spoof" and vocal pieces which are particularly enjoyable and amusing for children.

"Camerata For Kids" will be presented Sunday, March 21 at 1 p.m. in War Memorial Hall. Tickets, at \$3.50, are available from the University Centre box office in the University Centre.

FINE ARTS is sponsoring a lecture by Professor Kurt Forster, department of art, Stanford University Sunday, March 14 at 8 p.m. in Room 114 of the Arts building. The topic of the lecture is "Guillio Romano and Palladio." Everyone is welcome.

THE GUELPH SPRING FESTIVAL box offices are now open for personal orders for the 15th anniversary season. The box offices are at 21 King Street (St. George's School) and at the University Centre from 10 a.m. to 4:30 p.m. weekdays. Tickets may also be purchased at International Travel at 27 Wyndham St. North, the Willow West Mall and Campus Estates Shopping Centre. For information and a free brochure telephone 821-7570.

APPLICATIONS are being accepted from students wishing to work on a part-time basis for the conference unit, Department of Residences. Duties will include the registration of conference delegates. Particular attention will be given to applicants who are able to work a set number of hours each week during the conference season.

Apply in person to Mrs. Sylvia Pitt, Room 122, Johnston Hall, Monday through Friday, 1:30 p.m. to 4 p.m.

Application forms are available through Placement Services, Counselling and Student Resource Centre, Level 3, University Centre or Room 122, Johnston Hall.

Goods and Services

For Sale — Double bed box spring and mattress, bed frame, 5 sheet sets, Evelyn, 2693; Triumph 1500, used by two successive Guelph faculty families on sabbatical in U.K., available August in U.K., Administrative Secretary, Department of Physics, 2261; 1981 Fiat Spider, mint condition, black with beige top and interior, 12,000 km, wire wheels, roll bar, teak luggage rack, Blaupunkt am/fm cassette stereo, M. Herbert, 824-2633; 1973 Toyota Corolla, standard, 5 speeds, good condition, Sunbeam Mixmaster, 5 speeds, Sony transistor radio, GE steam iron, toaster, child's desk (flip lid), shopping cart, 20 pc. dinner set (new), toddler's winter and spring boots and clothing, 823-5536; 2-piece couch, loveseat, 3-piece bedroom suite, kitchen table and 4 chairs, 822-9054; oval dining room table (fruitwood), 56" x 40", with extension, 2408.

THE BRASS COMPANY, formed in 1976 by three of Toronto's finest brass players, a self-proclaimed company of friends, George Stimpson, French horn; James Spragg, trumpet, and John Dowden, trombone, will perform at the Thursday Noon Hour concert March 11 in Music Room 107 of the Arts building.

The first program, at 12:10 p.m. will consist of "Three Pieces" by Josquin Des Pres; "Sonata by Poulenc"; "Divertimento" by Gary Kulesha; an arrangement by Arthur Frackenpohl of "Four Pieces by Bach", and Dvorak's "Slavic Dance No. 15," arranged by George Stimpson

Program II, at 1:10 p.m. will include "Three Pieces" by Heinrich Isaac; a suite of English madrigals by Giles Farnaby, Morley and Weelkes; "Trio for Brass" by Ian McDougall; "Canzonas No. 2 and 3" by Frescobaldi, and "Dixieland Suite," arranged by John Dowden. Sponsored by Concert Management; admission is free.

IDRC is recruiting a regional program officer in education. The primary responsibility of this person will be to work with social science centres in university and governments in all countries of South and South East Asia, as representative of a multi-disciplinary social sciences division comprising economics, education, population and science in technology. Primary responsibility will focus on activities in education.

Research competence in education with a broad knowledge of social science and development issues is expected. A Ph.D. or equivalent experience is required. Extensive working experience in South or South East Asia; a demonstrated evidence of analytical, writing and administrative abilities and problem-solving skills; fluency in the English language, and a working knowledge of a major Asian language are assets. The application deadline is April 19. Details: Centre for International Programs, Ext. 3256.

SAP TIME is coming up and the Arboretum Centre is getting ready for its annual maple syrup exhibit. The exhibit will demonstrate syrupmaking techniques from Indian times, with a hollowed out log, to the present, with the reverse osmosis pump. The J.C. Taylor Nature Centre will be open to the public from 9:30 a.m. to 3:30 p.m. on the weekends of March 13, 14; 20, 21; 27, 28 and April 3 and 4. Tours for groups can be arranged during the week and on Saturday of the above weekends by telephoning Ext. 3932.

"**SURVIVING SEPARATION and Divorce**" is the one-day seminar offered by the Continuing Education Division Saturday, April 3 beginning at 9 a.m. Among the topics to be covered are, how to make the decision to split or not; legal rights; handling stress and guilt; children; sex and social life, and starting over. Co-leaders of the seminar are divorce lawyer Grant Campbell of Guelph and Family Studies professor and clinical psychologist Sam Luker. Details: Ext. 3958.

ENERGY CONSERVATION IS AT YOUR FINGERTIPS -- SWITCH OFF!

"**THE PAVLOVA CELEBRATION**", a tribute to the world-renowned Russian ballerina, Anna Pavlova, will be presented Thursday, March 25 in War Memorial Hall.

A full company of dancers will support principal ballerina Starr Danias. Gregory King, formerly of the National Ballet of Canada, the Joffrey Ballet and the Jose Greco Dance Company, will partner her in several of the Pavlova ballets.

Sponsored by the University Centre, the ballet performance begins at 8 p.m. Tickets, \$8.50 general and \$7.50 for students/seniors, are available at the University Centre Box Office. Information: Bette Moreton, assistant manager, programming, Ext. 3902.

THE SPANISH radio program, *Radio TORO*, will be presented by students of the Department of Languages and Literatures, Tuesday March 2, 9, 16, 23, 30, and April 6, 13, 20, 27 at 4:30 p.m. over CFRU (93.3 FM).

THE NEXT DRAMA Department production will be an evening of one-act plays: *Death Comes to Us All*, *Mary Agnes*, by Christopher Durang (directed by Geoff Miller), and *Welcome to Andromeda*, by Ron Whyte (directed by Denis Gismondi).

Performances are at the Inner Stage, Arts building March 17, March 18 and March 19 at 8 p.m. Tickets at \$2 will be available from the University Centre box office from Monday, March 8.

THE MARCH ISSUE of *Reader's Digest*, now on the news stands, carries a feature on the University of Guelph. Written by Lois Neely, a staff writer for *Reader's Digest*, the five-page article highlights Guelph's important contributions to the food system both in Canada and around the world. Mrs. Neely spent several days on campus interviewing faculty members.

The monthly circulation of *Reader's Digest* in Canada exceeds 1.6 million copies.

ANIMAL AND POULTRY SCIENCE bowlers are getting in shape for their second annual bowling fun night Saturday, March 20 at 6:30 p.m. at the Sportsman's Bowlerama. The bowling night is participated in by almost everyone in the Department, according to Richard Buck, who says he will share details on how the event was established. Contact him at the Elora Dairy Centre, 846-5538.

THE CANADIAN BUREAU for International Education (CBIE) is entering its third year as the Canadian co-ordinating body for the International Workcamps movement. International Workcamps are work/study projects lasting two to four weeks, usually in the summer, sponsored by a community or social service organization. A workcamp consists of 10 to 25 young people from many countries who work together to bring assistance and support to local projects initiated by a community group which bring benefit to that community; to exchange ideas with young people from different countries, and to experience the life and culture of another country.

CBIE is now accepting applications from young people who would like to go to a workcamp abroad or in another part of Canada. At the same time it is actively seeking sponsors for the 1982 Canadian workcamps. Inquiries should be addressed to: CBIE, 141 Laurier Ave. W., Suite 809, Ottawa, Ontario, K1P 5J3.

"**WORKING HOLIDAYS**," a guide to work around the world, is now available. Published in England by the Central Bureau for Educational Visits and Exchanges, this guide to inexpensive and adventurous holidays is distributed in North America by the Canadian Bureau for International Education (CBIE). *Working Holidays* tells how to obtain paid and voluntary employment in countries on six continents. It also contains pages of practical information and advice on advertising for a job, handling emergencies, cheap travel and accommodation, work permit and visa regulations, and health and insurance considerations. It is available for \$7, plus 35 cents postage, from the Canadian Bureau for International Education, 141 Laurier Ave. W., Suite 809, Ottawa, Ontario K1P 5J3.

THE FACULTY CLUB will offer a light lunch from 11 a.m. to 4 p.m. Saturday during College Royal and University Open House.

A BILINGUAL conference on "The Common Roots of the Cultures of Ontario and Quebec" will be held at the University of Windsor May 6, 7 and 8. This is a regional conference of the Humanities Association of Canada. Details: Humanities Conference, Philosophy Dept., University of Windsor, Windsor, Ontario, N9B 3P4.

Michigan State University professor M.J. Bukovac, left chats with Horticultural Science chairman, I.B. Nonnecke. Dr. Bukovac is well known for his work on engineering and morphological aspects of penetration of spray materials and growth hormones into plan leaf tissues



Gandhi exhibit to open symposium

A month-long exhibit depicting the life and works of Mahatma Gandhi will be on display in the main lobby of McLaughlin Library beginning Monday, March 15.

The Gandhi Exhibit will officially open during a three-day symposium Tuesday, March 16 to Thursday, March 18, which will include talks by Professor James Hunt, guest lecturer from Shaw University in North Carolina, and Srimati Kamala, Director of the Gandhi Memorial Center in Washington, D.C.

The exhibit and discussions are meant to give the public some insight to Gandhi's philosophy, and illustrate how it could possibly be applied more generally. As an example, Gandhi believed in what is known today as "appropriate technology" — keeping technology proportional to the socio-economic advancement of a society. "This provides an interesting theoretical perspective to rural development, for industrialized as well as Third World countries," states Sociology and Anthropology professor Hans Bakker, the symposium's co-ordinator. "We wish to provoke thought about non-violent social change, not hero worship of Gandhi the man."

Gandhi's early life and teachings will be discussed by visiting professor, James Hunt Tuesday, March 16 at 3 p.m. in the Faculty Club's board room. A vegetarian buffet lunch will be served at noon the next day in room 442 of the University Centre to mark the actual opening of the exhibit. Presentations from four speakers will follow the lunch, at 1 p.m. Further details on the speakers and their topics can be found in "Next Week at Guelph."

The exhibit is sponsored by the Faculty of Social Sciences and Art, the Gandhi Memorial Centre, the Unitarian-Universalist-Fellowship, and the Indian Students Association. □



George Munday, district manager of Nestle, presents a cheque for \$1,000 to Gryphon all-Canadian football players Jeff Hale and Mike Hudson, right, while Nestle area manager Bob Hayward looks on. The money is to be used next year for two \$500 bursaries in their names for deserving students.

Hockey

The games were three of the most exciting ever played in OUAA hockey. Three goals made the difference as the Gryphons bowed to the Blues in the championship series.

In game one at Toronto the hockey Gryphons ended the Blues unbeaten season with a 6-5 victory, while, in game two, the Blues ended Guelph's seven game unbeaten streak with a 4-3 win. That set the stage for the sudden death final in Toronto when close to 4,000 fans got their money's worth as regulation time could not decide the series. Both teams had their chances in the overtime, but, with six minutes gone, Toronto's Tom Callaghan ended the Gryphons hope for a fourth OUAA championship.

Swimming and Diving

The swimming and diving Gryphons' seven-man contingent to the nationals at UBC last weekend turned in some strong performances.

The men's team ended 19th, while the women's team tied for 18th, 4/100th of a second out of 15th.

Individually, Ian James broke the team record in the 100 butterfly, while Anne Menzie shattered two records in the 100 and 200 breaststroke.

Avril Peaker was fourth in the 100 freestyle and Carol Edwards made finals in the 1 M dive.

Laurie Ross swam a lifetime best in the 100 free, and rookies Brenda Banning and Dan Hurnik also wam well in their first trip to nationals.

Track and Field

Two Gryphons had excellent performances in the OUAA-OWIAA indoor track and field meet at York. Silvia Reugger placed second in the 1500 M and third in the 3000 M, while Janet Beatty took fourth in the 3000 M. They will be heading to Laval this weekend for the CIAU national meet.

"Gryphon of the Week"

Tim Burton of the hockey Gryphons has been named "Gryphon of the Week" for March 1 to March 8.

Technician, Horticultural Science. MTS IV. Salary range: \$284.44 - \$407.85. Building Custodian 3, Housekeeping Department. Job rate: \$7.49. Probation rate \$.20 per hour lower than job rate. Open to on-campus employees only. Agricultural Assistant, Central Animal Facility, OVC. Salary grade 006. Start rate: \$296.52 plus shift premium. Six-month job rate: \$312.81. One-year job rate: \$326.81.

Next Week at Guelph *Continued from page 8.*

WEDNESDAY, 82 03 17

Luncheon Special — 1130 - 1330, PCH, UC.

Worship — ANGLICAN EUCHARIST, 1200, UC 334; CATHOLIC MASS, 1210, Chapel, level 5, UC.

Opening and Luncheon — OFFICIAL OPENING OF GANDHI EXHIBIT: VEGETARIAN BUFFET LUNCHEON, 1200, UC 442; Lectures Following Luncheon, 1300- 1500: SHORTCOMINGS IN THE NON-VIOLENT MOVEMENT OF TODAY, Rev. Brad Lennon; GANDHI J.I. AND DEMOCRACY, Prof. Emeritus John Melby, Political Studies; EXPLORING THE GANDHI PHILOSOPHY OF THE SATYAG RAH I, Prof. James, Hunt, Shaw University, North Carolina; THE MAIN THEMES OF GANDHI PHILOSOPHY, Srimati Kamala, director of the Gandhi Memorial Center, Washington, D.C. \$3 (staff and faculty); \$1 (students). Computerized Occupation Program — CHOICES WORKSHOP, 1300 - 1400.

Register: Connection Desk by 1100.

Fellowship — CHRISTIAN DOCTRINE CLASS, 1700, UC 334; IMMANUEL FELLOWSHIP, 1900, 9th fl. lge., Arts.

Careers and Jobs — INTERVIEWING SKILLS CLINIC, 1800 - 2100. Register: Connection Desk by 1600.

TV — WEDNESDAY NIGHT HOCKEY with guest, Frank Mahovlich, 2000, UC 103. Licenced.

Drama Presentation — Ron Whyte's WELCOME TO ANDROMEDA and Christopher Durang's DEATH COMES TO US ALL, MARY AGNES, 2000, Inner Stage, Arts. Continues nightly to 82 03 19. \$2.

THURSDAY, 82 03 18

Conference — CONVENTIONAL AND ORGANIC FARMING: THE FUTURE OF AGRICULTURE. Information: Ignacio Villa, 837-3056 or Prof. Eric Beauchamp, Ext. 3239.

Sale — FINE ART PRINT SALE, 0900 - 2000, Zavitz Hall basement. Continues 82 03 19.

Luncheon Special — 1130 - 1330, PCH, UC.

UC Noon Hour Concert — AIR WAVES, 1200, UC courtyard.

Thursday Noon Concerts — ALICE ARTZT, classical guitar, 1210 and 1310, Arts 107.

Staff Development Workshop — IMPROVING WRITTEN COMMUNICATIONS, Mrs. Susan Milne, 1330 - 1630, UC 441.

Spotlight on University of Guelph — COLLEGE ROYAL, 1900, over Guelph TV channel, Cable 8.

Symposium — GANDHI ON THREE CONTINENTS, Prof. James Hunt, Shaw University, North Carolina; SLIDE PRESENTATION OF "ASHRAMS," Srimati Kamala, director, Gandhi Memorial Center, Washington, D.C., starting at 1900, UC 031. Information: Dept. of Sociology and Anthropology, Ext. 3895.

Uc Entertainment — COUNTRY ROCK NIGHT, 2000, PCH.

Next Week at Guelph

THURSDAY, 82 03 11

Exhibits — KEN DANBY: THE GRAPHIC WORK and PRINTS BY OTIS TAMASAUSKAS, Macdonald Stewart Art Centre until 82 03 28; FOURTEENTH ANNUAL JURY SHOW, student gallery, McLaughlin Library, until 82 03 18. Luncheon Special — 1130 - 1330, PCH, UC.
UC Noon Hour Concert — LOUISE LAMBERT, 1200, UC courtyard.
University of Guelph Faculty Association — EXECUTIVE MEETING, 1200, Board Room, Faculty Club, level 5, UC.
Thursday Noon Concerts — BRASS COMPANY, 1210 and 1310, Arts 107.
Career Workshop — JOB SKILLS, 1400 - 1600. Register: Connection Desk by 1200.
Meeting — APPLE USERS' GROUP, 1400, McLaughlin Library conference room, 3rd fl
GWC Distinguished Lecturer Series — POLYMERIC NUCLEOPHILES; HYDROPHOBIC INTERACTIONS, Professor Charles Overberger, 1600, Waterloo campus, Maths. and Computer 1056.
Meeting — MATURE STUDENT GET-TOGETHER, 1700. Register: Ext. 3609 before 82 03 09.
Spotlight on University of Guelph — COLLEGE ROYAL, 1900, over Guelph TV channel, Cable 8.
Niagara Peninsula Retriever Training Club — ASSEMBLY, 1915, Clinical Studies 508; HEARTWORM INFESTATIONS, Dr. Jill Maddison, 1930; PARVOVIRUS INFECTION, Dr. Paul Cuddon, 2000 (both Clinical Studies' members); TOUR OF OVC, 2030; REFRESHMENTS, 2130. Information: Dr. C.R. Buck, liaison officer, OVC, Ext. 3116.
Guelph Field Naturalists — GRASS IDENTIFICATION WORKSHOP, Dr. Jack Alex, 1945, Arboretum Centre.
College Royal 1982 — CURTAIN CALL, 2000, WMH. Continues on 82 03 12 and 82 03 13. \$2.50 (advance); \$3 (at the door).
Information Meeting — LONDON SEMESTER 1983, 2000, Arts 229.
UC Entertainment — PERCY AND THE TEARDROPS, 2000, PCH.

FRIDAY, 82 03 12

Luncheon Special — 1130 - 1330, PCH.
Fellowship — FACULTY CHRISTIAN FELLOWSHIP, 1200, UC 306.
Worship — MUSLIM FRIDAY PRAYERS, 1215, Chapel, level 5, UC; ANGLICAN EUCHARIST, 1700, UC 334.
College Royal 1982 — DOG AND MUTT SHOW, 1830, AC; FASHION SHOW, 2000, PCH; CURTAIN CALL, 2000, WMH.
Friday Flicks — NORMA RAE, 1900 and 2130, PS 105. 75 cents.

SATURDAY, 82 03 13

College Royal 1982 — UNIVERSITY OPEN HOUSE, 0900 - 1700, across campus: Fly Days, 0900; Livestock Show, 0900, AC arena; Seed and Forage Show, 0900, Crop Science bldg.; Jury Show, 0900, McLaughlin Library; Flower Arranging, 0900, Hort. Bldg.; Campus Bus Tours begin, 1100; Performing Dance Group, 1100, AC gym.; Synchronized Swimming, 1130, AC pool; OFFICIAL OPENING, 1300, PCH; Public Address: LLOYD ROBERTSON, 1330, PCH; Residence Tours, 1300 and 1500, meeting at Residence display, UC courtyard; Square Dance Compulsories, 1400, AC gym.; Cat Show, 1400, OVC 508; Fashion Show, 1600 and 1900, PCH; Awards Night, 1900, UC 103; Square Dance Optionals, 2000, AC gym; Curtain Call, 2000 WMH.
Continuing Education Course — ONCE UPON A TIME, 1000 - 1600. Information: Ext. 3956.

SUNDAY, 82 03 14

College Royal 1982 — UNIVERSITY OPEN HOUSE, 1100 - 1700, across campus: Flower Arranging, 1100, Hort. Bldg.; Fly Days, 1100; Old MacDonald's Farm, 1100, Old Dairy Barn; Seeds and Forage Show, 1100, Crop Sci. bldg.; Jury Show, 1100, McLaughlin Library; Woodsmen's Competition, 1100, south of AC; Campus Bus Tours, 1100, across campus; Residence Tours, 1300 and 1500, meeting at Residences display, UC; Fashion Show, 1330 and 1530, PCH; Cat Show, 1400, OVC 508.
Worship — CATHOLIC MASS, 1010, PCH; CAMPUS CHURCH SERVICE, 1030, PS 113; SUNDAY ZUHR PRAYER AND ARABIC TEACHING, 1330, 9th fl. Ige., Arts.
Guelph Field Naturalists — ANNUAL ROBIN HIKE, 1330, meeting at OVC parking lot. Leader: Stan Kozak, 836-4186.
Spotlight on University of Guelph — COLLEGE ROYAL, 1100, over Guelph TV channel, Cable 8.
UGCSA Cine-Series — ARTHUR, 2000, WMH. \$2.
Fine Art Lecture — GIULIO ROMANO AND PALLADIO, Prof. Kurt Forster, dept. of art, Stanford University, 2000, Arts 114.

MONDAY, 82 03 15

Exhibit — GANDHI EXHIBIT, main lobby, McLaughlin Library until 82 04 15.
Reception and Dinner — to honor PROFESSOR MURDO MACKINNON, professor in the Department of English Language and Literature, and first Dean of the College of Arts, 1800, PCH, UC.
Meeting — AMNESTY INTERNATIONAL, 1930, level 3, UC. Information: 821-6033.

TUESDAY, 82 03 16

ICS Course — COMPUTER CONCEPTS, Dave Bruce and Ted Dodds, 0930 - 1200. Register: Ext. 3046 between 1300 and 1630. Continues 82 03 18.
Music of Man — SOUND OF UNSOUND, 1200, 1400, UC 103.
Study Skills Seminar — PRE-EXAM WARM UP, 1200, UC 441.
Our World — TOOLS OF CHANGE: INTRODUCTION TO APPROPRIATE TECHNOLOGY, a film sponsored by International House that emphasizes the question, "Appropriate for what and for whom?", 1210, UC 441.
Careers and Jobs — INTEREST TESTING, 1300 - 1400. Register: Connection Desk by 1130; JOB SEARCH WORKSHOP, 1600- 1800. Register: Connection Desk by 1500; RESUME WRITING CLINIC, 1800, Counselling and Student Resource Centre. No need to register.
Symposium — THE YOUNG MR. GANDHI IN SOUTH AFRICA: HIS EARLY CAREER AND THE DEVELOPMENT OF HIS PHILOSOPHY AND APPROACH TO SOCIAL CHANGE, Professor James Hunt, Shaw University, North Carolina, 1500 - 1700, Faculty Club board room, level 5, UC. Open to faculty, staff and students. Information: Dept. of Sociology and Anthropology, Ext. 3895.
Physics Colloquium — BEAM-FOIL SPECTROSCOPY, Dr. Robert L. Brooks, dept. of physics, 1600, PS 113.
Fellowship — GOD, MAN AND WORLD, 1700, UC 334.
Worship — CATHOLIC MASS, 1710, Chapel, level 5, UC.
Meeting — COUPLES' COMMUNICATION GROUP, 1800- 2000. Pre-registration interview necessary. To arrange appointment: Ext. 3244.
Theology from Experience — DIFFERENCES AND SIMILARITIES BETWEEN SPIRITUAL GROWTH AND HUMAN GROWTH: ISN'T IT THE SAME BUT WITH DIFFERENT WORDS?, John Veltri, S.J., 1930 - 2100, UC 335.

Continued on page 7.

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