



Justice E.M. Hall new Chancellor

The Hon. Emmett Matthew Hall, Justice of the Supreme Court of Canada, has been appointed Chancellor of the University of Guelph, President and Vice Chancellor W.C. Winegard has announced. Justice Hall, who will succeed the Hon. George Drew, when he retires on June 30, will be installed at the fall Convocation of the University on October 1.

Mr. Justice Hall, who has had a distinguished career in jurisprudence, education and public service, has been a Justice of the Supreme Court since 1962. He is particularly well known in educational circles for the significant role recently fulfilled, as Chairman of the Provincial Committee on Aims and Objectives of Education in the Schools of Ontario.

Prior to moving to Ottawa in 1962, Justice Hall lived in Regina where he was Chief Justice of Saskatchewan and of the Court of Appeal. Prior to that he was Chief Justice of the Court of Queen's Bench of Saskatchewan.

Born in St. Columban, Quebec, in 1898, Justice Hall took his law degree at the University of Saskatchewan and graduated in 1919 and was called to the Bar in 1922. He practised law in Saskatoon until 1957, when he resigned as the senior partner in the firm of Hall, Maguire and Wedge, to become Chief Justice

of the Court of Queen's Bench.

While in Saskatoon Justice Hall lectured at the University of Saskatchewan and was a member of the University's Senate. He was also Chairman of the Separate School Board and President of the Catholic School Trustees Association of Saskatchewan.

In 1961 he was named Chairman of the Federal Royal Commission on Health Services. In 1966 he received the Bronfman Award from the American Public Health Association in recognition of his achievements in the field of public health.

In 1964 he was awarded an honorary degree — the D.C.L. — by the University of Saskatchewan and in 1966 he received an honorary D.Med. from the University of Ottawa. He also holds honorary LL.D. degrees from Universities of Windsor 1968, and Manitoba 1969.

Justice Hall married Isabel Mary Parker of Humboldt in 1922 and they have two children, Mrs. J.B. Wedge of Saskatoon and Dr. John E. Hall, Chief of Orthopaedics at Toronto Sick Children's Hospital.

Mr. Justice Hall is widely known across Canada as the leading proponent, on the Supreme Court of Canada, of civil liberties



and the Bill of Rights. He was a member of the majority in the recent *Dry Bones* decision in which the Supreme Court of Canada struck down a section of the Indian Act (1949) on the grounds that it conflicted with the Canadian Bill of Rights. This is the first time the Supreme Court of Canada has applied the Bill of Rights. His dissenting opinion in *The Truscott Case* has become a recognized classic on the needs for reforms in the Canadian evidence procedures.

Currently Professor Fred Vaughan, chairman-elect of the Department of Political Studies is working on a judicial biography of Mr. Justice Hall.

Campus greenhouse is blossoming research centre

Through the door of the Horticultural greenhouse lies the largest collection of tropical plants, cacti, vegetables, fruits and flowers you may ever see. A conservatory and a tropical greenhouse, both open to the public, are favourite refuges, especially during the winter when the sight of anything green, let alone palm trees and cacti, is a rare delight.

But these familiar public gardens are a minor part of the twenty-five thousand square foot greenhouse complex. The remainder of the glass structure is devoted to research and teaching facilities. Built in the 1930's, the greenhouse was woefully inadequate for today's rigorous scientific research in horticulture. Recent renovations in plumbing, wiring, and temperature monitoring systems have brought

the facility more nearly within modern standards.

Research projects vary as much as the plants in the greenhouse. Professor R. E. Barrett, Chief of the Ornamentals Division, explained that the emphasis in horticultural research is gradually shifting from fruits and vegetables to ornamentals. He attributes the shift to the increase in leisure time which gives everyone more time for aesthetics. The boon in landscaping, both for home gardens and for public areas, is just beginning and much horticultural research is directed toward this burgeoning industry.

"Ornamentals" is sort of a catch-all term which encompasses a number of commodity groups in horticulture. Trees, shrubs, grass,

potted plants, bedding plants and cut flowers all fall into this category.

A greenhouse is a necessity for research in any of these areas and is used for a variety of reasons. It can extend the growing season, and therefore, the time available for research. Most of the crops whose season is extended in this way are moved to the Horticultural research station at Preston for field studies during the normal growing season. The greenhouse can be used to raise vegetables or flowers for storage studies. Or, finally, it can be used on a year-round basis to grow greenhouse crops for research related to the florist industry.

During winter months, turf is started in the greenhouse and is moved outside in the spring.

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Dr. Patricia Harney, right, and graduate student Jennifer Engelhardt examine a seed capsule on a geranium. Dr. Harney studies the cytogenetic behavior of geraniums while developing disease resistant strains, new, brighter colors, and new varieties for home use.

Campus greenhouses

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New varieties developed commercially undergo rigorous performance tests under normal Ontario growing conditions. Another phase of turf research involves determining damage by air pollutants ozone and sulphur dioxide. Such damage has been reported with certain kinds of grass on municipal golf courses.

Strawberry and raspberry plants for breeding studies also get a start in the greenhouse before transplanting to Preston. Other fruit research involves hardiness studies on peaches and apricots, carried on in cooperation with the C.D.A.'s Harrow Research Station. Eventually, this work could lead to the development of peaches and apricots that would thrive outside the Niagara and Simcoe districts.

Vegetable research, conducted with the help of greenhouse facilities, includes potato breeding and growing tomatoes for post-harvest physiology studies. The outcome of this work with tomatoes could be a controlled ripening technique similar to that used commercially on apples. If successful, such controlled ripening would enable local tomatoes to be used throughout the year.

Floriculture is the biggest project in the greenhouse, continuing year-round and producing a gay profusion of blossoms as material for research. An important area of floral research is developing and testing growth regulators for the potted plants sold by florists. These growth regulators retard upward growth, resulting in the compact, bushy plants desired by today's consumer. Each type of plant (such as the chrysanthemum, pointsietta or Easter lily) demands a specific growth regulating chemical and treatment technique. This research is geared toward reducing the labor and cost involved in such treatments while tailoring the finished appearance of the plants.

New types and varieties of potted plants are continually developed for the florist industry. The ever-popular geranium is being bred to develop disease resistant strains and a wider variety of colors. Even the common marigold may become a sophisticated house plant as a result of studies performed at Guelph.

Innovations in greenhouse production are being tested, with the intention of incorporating labor saving techniques into normal greenhouse operations. An example is automated watering systems in which the pots are placed in a sand-type medium through which water flows at timed intervals. The plants use what they need and the excess water drains away. These systems should produce higher quality plants because of the uniformity of watering. Another related project involves testing soil-incorporated slow-release fertilizers and comparing their effectiveness to standard fertilizing practices.

The greenhouse is now set up for work with potted plants, but more emphasis will shift to cut flowers (like carnations, mums, and roses). When further renovations are feasible, the greenhouse benches will be reconstructed to accommodate cut flower research. Professor Barrett said that research in cut flowers is already being done to a limited extent. He said that a storage technique for carnations is under development. This method enables flowers cut in the bud stage to be held in storage up to three weeks, without any ill effects. Because the florist industry depends so heavily on sales during holiday periods, the timing of greenhouse flower crops is crucial. Successful storage methods would eliminate some of the high risk presently involved.

Reflecting the times, a large part of Guelph's

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Interdisciplinary project studies rural opinions

A project to seek out and record "grassroots" opinion in Ontario's rapidly changing rural society is being undertaken by the University of Guelph. In making the announcement, President W.C. Winegard said the project is expected to yield information presently unavailable to planners, scientists, and local government officials.

Huron County in western Ontario has been chosen as the study area because it is representative of "classical" rural Ontario. Three Huron County residents, who are students at OAC will conduct interviews for the survey this summer.

One of the prime objectives of the study will be to uncover information which would help the people involved in making government policies become better acquainted with rural opinion.

Legislators and other government policy-makers, says Dr. C.T.M. Hadwen, a University of Guelph sociologist and coordinator of the project, don't always know the outlook of rural people. Those who do know often lack the evidence to support their statements about local opinions when they "disagree" with outside officials.

"There is a clear need for comprehensive research which will help uncover today's rural perspective," says Dr. Hadwen. "For the most part we know something of the economic, physical and social changes faced by the residents of predominantly rural areas, but not how those individuals perceive these developments."

The important part of this research, says Dr. Hadwen, is to discover how the rural population perceives the entire range of changes it must face.

"We may not know what general characteristics of cultural makeup, institutional life, or sensitivity to coming developments, lie behind attitudes to such specific events as the development of the Lake Huron shore or the movement of industry to the County," he says.

"We may know for instance, how many people are leaving rural Ontario, but not what they feel are the vital factors in deciding whether to go or stay. We may know the extent to which social services have become centralized, but not how important or unacceptable this is to local residents."

The study, expected to take about a year to complete, is based at the University of Guelph and involves such disciplines as geography, extension education, economics, political studies, landscape architecture and sociology and anthropology. In addition, a field office has been established in Clinton providing a central point for data collection.

Traffic Notice

On approximately July 6, the East Ring Road (by the Water Tower) will be closed to traffic for about 6 weeks. Detour signs will be posted. This closure is required to allow construction of the service and pedestrian tunnel to the new East Residence Complex. Power House Lane will be re-opened before the Ring Road is closed.

HELP organizes summer program

One of the summer projects of the HELP organization on campus is a program for public school children, grades one to eight, during July and August, with the emphasis on arts, sciences and crafts.

This project, called Summer '71 has as its prime goals stimulation of the individual's interest in the worlds both of nature and of humanity and awareness of the value of close inter-personal productive relationships.

Thirty children will be working with three senior university students and external resource people in a program of which the form and content will, for the most part, be decided by the group as a whole. It is hoped that by this method of determining the program each child will feel an integral part of it. Hopefully he will become immediately involved and responsible for its success.

Because of the small group of children involved, it will be possible to give personal attention to each child. Projects will be disciplined and structured according to the needs of the individual.

This program is regarded by the staff as an experiment in a recreational, educational summer program for Guelph children. It is hoped that the results of this summer's program will be useful in the future expansion of constructive summer youth activities.

The three staff members are: Larry Davidson, B.A., (Honours Sociology); Sue Girard, (sem. 5, Honours Psychology); and John Steven, (sem. 6, Honours Philosophy).

The centre for the programs' activities will be on campus, but included will be field trips mainly in the Guelph area.

Arrangements are in process to have, both in attendance and on call, mothers of school-age children as advisors to the staff. Anyone interested in contributing to the program in this, or any other capacity, may contact Summer '71 at 824-4120 ext. 2272 or c/o HELP, Bursar Hall, University of Guelph.

Anyone who feels that their children would be interested in this program, please write or phone for an application form.

Animal behavior studied

Dr. Michael W. Fox, Department of Psychology, Washington University, St. Louis, Missouri, recently presented two half day illustrated lectures on the comparative aspects of animal behaviour.

The course was co-sponsored by the Departments of Clinical Studies and Animal Science. The sessions were attended by approximately 50 faculty from these and other departments on campus and others in the Guelph and Toronto area interested in this subject.

Course chairman, Dr. R.A. Willoughby, Department of Clinical Studies, pointed out that the number of faculty who attended and the enthusiasm shown in the lecture series underline the need for furthering coordinated studies of the problems associated with the intensified rearing of animals at the University of Guelph.

Campus greenhouses

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horticultural research is devoted to pollution effects on flowers, vegetables, grass, trees and shrubs. Cooperative projects with botany and crop science are determining how and why ozone and sulphur dioxide affect plants. Plants for these studies are grown in the greenhouse, then removed periodically to fumigation chambers in the physiology laboratory. There, they are subjected to high concentrations of the pollutants for short periods of time. These short, condensed doses of pollutants are equivalent to the constant lower levels encountered in metropolitan and industrial areas.

A related project, sponsored by the Department of Highways, involves determining the nature and extent of winter salt damage to the evergreens which line our highways. This work proceeds in greenhouse "cold" rooms during the winter and shifts outside during the summer.

British theme for Arts Festival Week

During the fall semester the University holds an Arts Festival Week with the theme being a different country each year.

This fall Britain is being honored and British Arts Festival Week will be held from Sunday, November 7 to Saturday, November 13.

The John Alldis Choir of London, England, will open Festival Week with a concert in War Memorial Hall at 8 p.m. on Sunday, November 7.

The Times of London has said in review, "This is one of the great chamber choirs singing at the top of its form, capable of a range

of dynamics and timbre which one normally associates with the symphony orchestra."

The Financial Times, also of London, has said, "The 16 singers appear to be performing miracles."

Mark your calendar to reserve this date. Tickets will be going on sale at the Campus Box Office, Ext. 3940.

Mrs. Edith Kidd, Concert Manager, who co-ordinates the events for British Arts Festival Week, reports the visit of the John Alldis Choir has been made possible through a grant by the British Arts Council.

APPOINTMENT

Judith Carol Stoffman has recently been appointed to the professional library staff of the University as the Ontario Veterinary College Library Coordinator.



The daughter of Dr. and Mrs. Sam Sidlofsky, Mrs. Stoffman is a graduate of the University of Guelph. She received her Bachelor of Arts degree in 1969, and holds a Master of Library Science degree from the University of Western Ontario's School of Library and Information Science. Her main area of research and specialization is in the field of medical library and health science information networks.

As the OVC Library Coordinator, Mrs. Stoffman's duties will involve integrating the collection and procedures of the OVC Branch Library into the total University Library system.



NEXT WEEK AT GUELPH

THURSDAY, JUNE 17

- Seminar** GENETIC INFLUENCES IN THE ACTIVITY OF SOME ENZYMES IN FRESH AND STORED CHICKEN SEMEN IN CHICKENS AND THEIR RELATIONSHIP TO FERTILITY, by Dr. R.B. Buckland, CDA. 4 p.m. Room 156, Animal Sc.
- T.V.** SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 5:30 p.m.
- Club** UNIVERSITY DUPLICATE BRIDGE CLUB. 7:30 p.m. Room 235, Arts. Entry fee - 75¢.
- Film** THE SEVENTH SEAL AND BLAKE. Two films presented by the Guelph Free Film Theatre. 8 p.m. Room 105, Physical Science. Adm. Free.
- Course** INTRODUCTION TO SYSTEM/370. Part of the training program by Institute of Computer Science. Instructors: H. Schwartz and D. Oldacre. Room 141, Animal Science. 1:15 p.m.
- Radio** UNIVERSITY, COLLEGE OF ARTS AND SPRING FESTIVAL, discussed by Dean M.H.M. MacKinnon, College of Arts. CJOY-FM, 106.1, 9:00 p.m.

FRIDAY, JUNE 18

- T.V.** SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 7 p.m.

SATURDAY, JUNE 19

- Art** PAINTING ON THE GREEN. Annual exhibition and sale of the Guelph Creative Arts Association. Guelph Recreation Centre, Delhi St. 11 a.m. to 8 p.m. Continues Sunday, June 20. Guest Exhibitors: Students of the Fine Art Dept., University of Guelph.

SUNDAY, JUNE 20

- Worship** R.C. FOLK MASS, 10:30 a.m. Music Room 107, Arts.
- Film** BAREFOOT IN THE PARK. 9 p.m. War Memorial Hall. Free with Impact Card.

MONDAY, JUNE 21

- Film** CIVILISATION SERIES. Topic: Grandeur and Obedience. 12 noon and 1 p.m. Room 105, Phys. Sc. Sponsored by the History Dept.

TUESDAY, JUNE 22

- Video** THE CHICAGO CONSPIRACY TRIAL, presented by Gryphon Communications. 7:30 p.m. Room 105, Phys. Sc. Adm. free.
- Film** OBEDIENCE, a film sponsored by the Dept. of Sociology and Anthropology. 3 p.m. Room 113, Physical Science.

WEDNESDAY, JUNE 23

- Worship** ANGLICAN EUCHARIST. 12 noon. 11 College Ave. West, United Church Students welcome.
- Film** THE INFORMATION MACHINE, sponsored by the Institute of Computer Science. 12:15 p.m. Room 105, Phys. Sc. Third in the lunch time film shows.
- Meeting** KICK THE HABIT. 7:30 p.m. Guelph Public Library. Adm. free.
- Meeting** POLLUTION PROBE. Speaker: Prof. J.D. Milliken, Landscape Architecture. Topic: Hanlon Creek Watershed Study. 8 p.m. Room 105, Physical Science.

THURSDAY, JUNE 24

- T.V.** SPOTLIGHT ON UNIVERSITY OF GUELPH. Cable 8 at 5:30 p.m.
- Club** UNIVERSITY DUPLICATE BRIDGE CLUB. 7:30 p.m. Room 235, Arts. Entry fee-75¢.
- Film** FUTURE PERFECT, THE GEOMETIC DRAKE, THE GUARDIANS, GRAPHIC SOUND, and ULTRA, I LOVE YOU. Five films presented by the Guelph Free Film Theatre. 8 p.m. Room 105, Phys. Science. Adm. free.

PUBLICATIONS

G.J. Kraay and M.P. Hoogendoorn, Biomedical Science. De Zwartbonten in Canada (The Holstein-Friesians in Canada). Bedrijfsontwikkeling-Veehouderij 2(4): 43-48, 1971.

N.O. Adedipe, Horticulture and R.A. Fletcher, Botany. Retardation of leaf senescence by benzyladenine in bean plants is not dependent on mobilization. Can. J. Botany 49: 59-61, 1971.

The News Bulletin is published by the Department of Information and edited by Mrs. Betty Keeling. Copy for the next edition must reach the editor, Room 361 McLaughlin Library, not later than noon Friday, June 18, 1971. Any material from this Bulletin may be freely quoted.

Elizabeth Waterston, English. Irving Layton: Apocalypse in Montreal. Canadian Literature, No. 48, Spring 1971, pp. 16-24.

FACULTY ACTIVITIES

Dr. P.D. Duda, Dr. R.H. Gibson, Dr. H.W. Kirby, Professor V. Vago and Dr. A.D. Yarmey, Psychology, attended the annual meeting of the Canadian Psychological Association held in St. John's, Newfoundland. A paper by R.H. Gibson and W. Adler titled: comparative sensitivity of some novel regions of the body; tactile specificity theory supported, and one by A.D. Yarmey on effect of pictures and word labels as retrieval cues in paired-associate learning, were presented.

Dr. G.F. Manning, Professor P.J. Lanthier, Professor A.M. Ross, Dr. Elizabeth Waterston, and Dr. D. Korte, English, recently attended a conference of teachers of English (ACUTE) held at Memorial University of Newfoundland in St. John's.

Dr. A.M. Evans, History, is attending the annual meeting of the Ontario Historical Society at Trent University, Peterborough. She has been in charge of arranging for the papers to be presented and for the speaker at the annual dinner.

Professor H.D. Ayers, Chairman, Engineering, attended a meeting of the Canadian National Committee, International Hydrological Decade in Winnipeg.

Professor David Piggins, Psychology, gave a seminar entitled stabilized retinal image: The Cheshire cat of perception at the Bell Telephone Laboratories, Murray Hill, New Jersey.

PERSONALS

- Wanted - pen friends, male or female, 14 to 25 to correspond with boys and girls in Ceylon. Write: Dinkar Muthukrishna, Polytechnic, Colombo 6, Ceylon.
- Wanted to Rent - 3 bedroom summer cottage, 1st week in Aug. Ext. 3585.
- For Sale - 2 Scandinavian couches, covered in charcoal tweed, coffee table. 821-1415 after 5:30.
- For Sale - utility trailer, fully enclosed. 6½' by 4'. Ext. 2161 or 856-4319 after 6.
- For Rent - cottage on Berford Lake, Bruce Peninsula. Last 2 weeks in July. 824-5865.
- For Sale - 3 bedroom split level. Close to University. Ext. 3515 or 821-1896.
- Found - keys to luggage. Ext. 2582 or 2592.
- Free - 3 kittens, 6 weeks old. 824-7598 afternoons only.
- For Rent - tent trailer, Ext. 3000.
- Wanted - ladies 3 speed bicycle. Ext. 3701 or 821-5795.
- For Rent - ridelite tent trailer, sleeps 4/5. 822-2964.
- For Sale - knapsack, 17" by 22", 2 formals, 2 bathing suits, size 12. Pauline at Ext. 3211 or 822-7398 after 5.
- For Sale - 3 bedroom brick home, additional bedroom off rec. room, 2 fireplaces. 824-6073 after 5 p.m.
- For Sale - '65 Volks. Ext. 2582 or 824-7864 evenings.