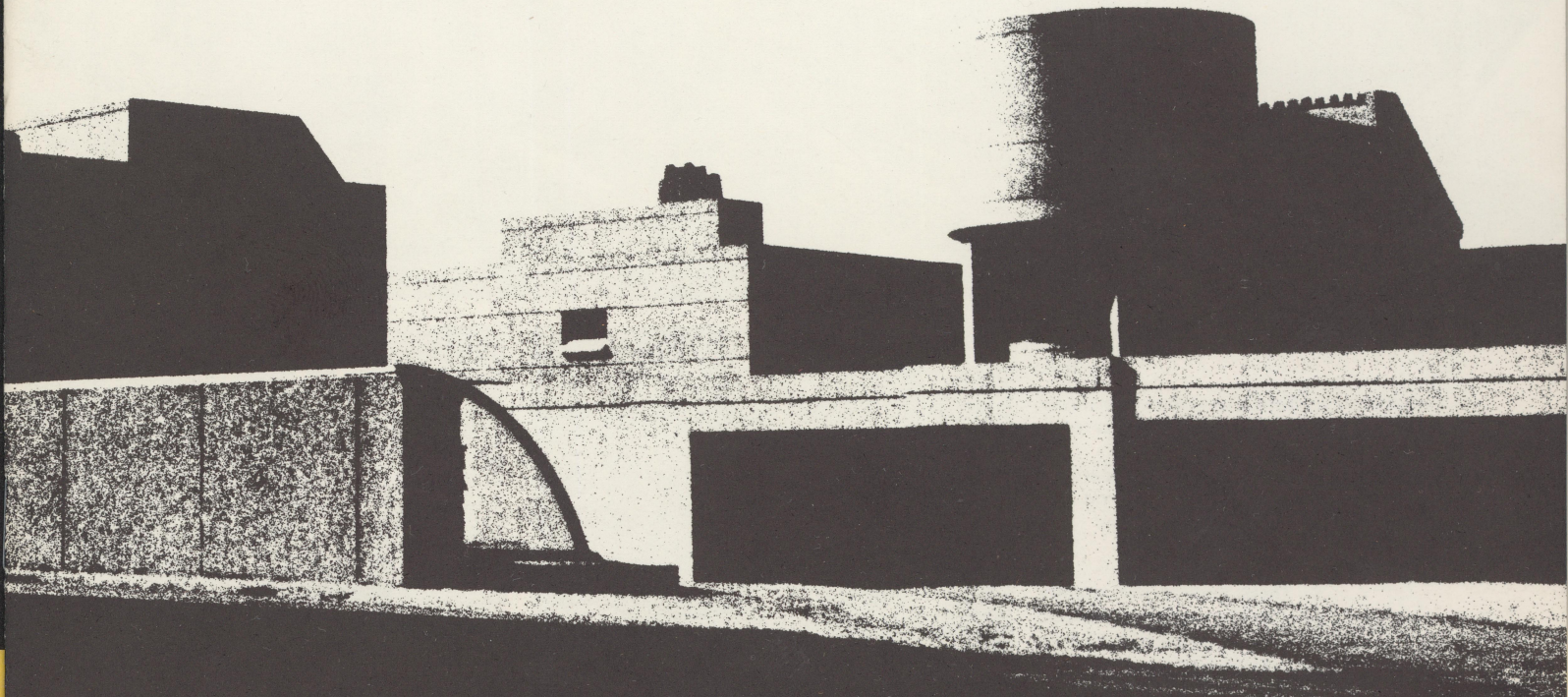
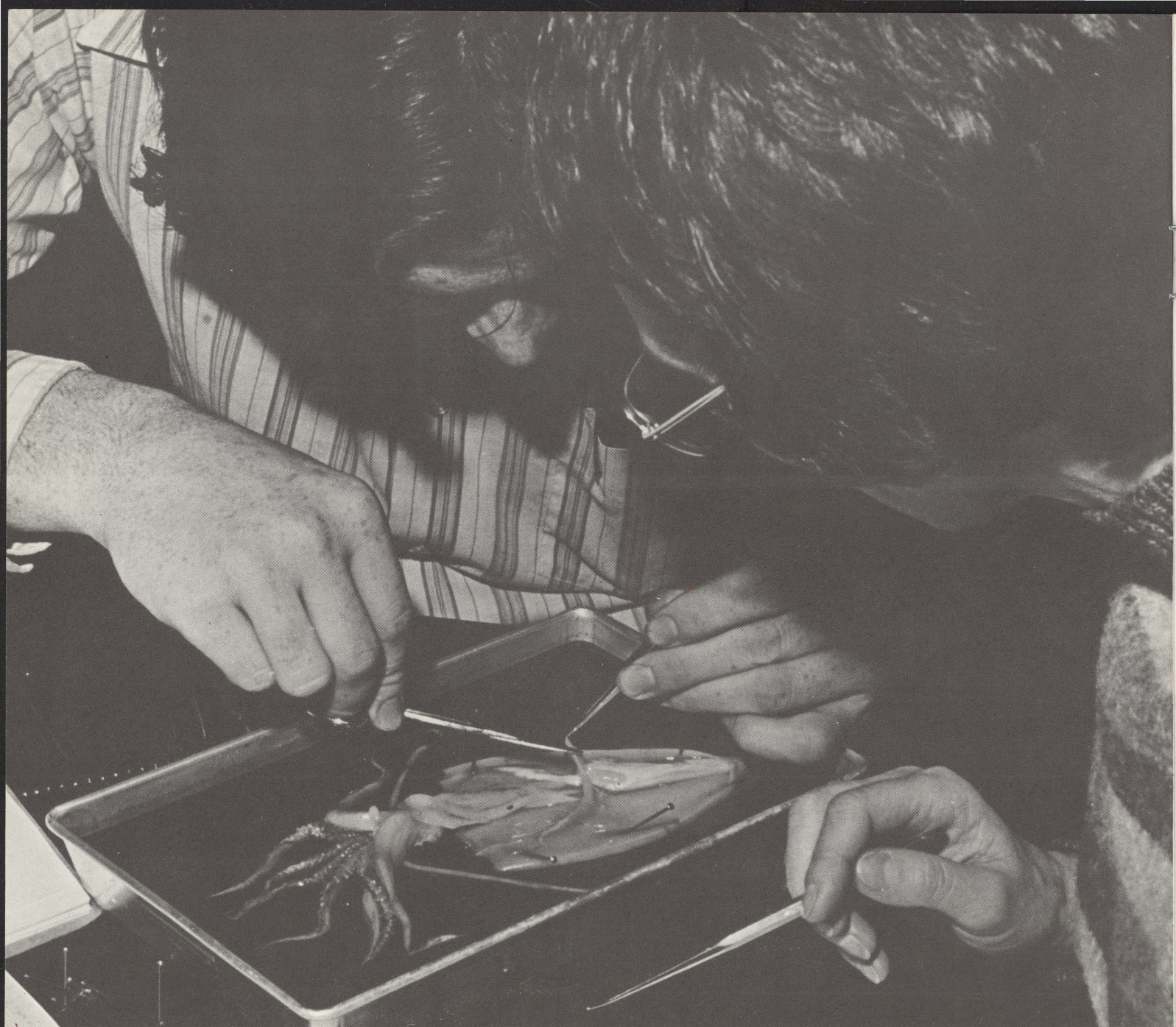


# **dalhousie alumni news**

---

july 1974



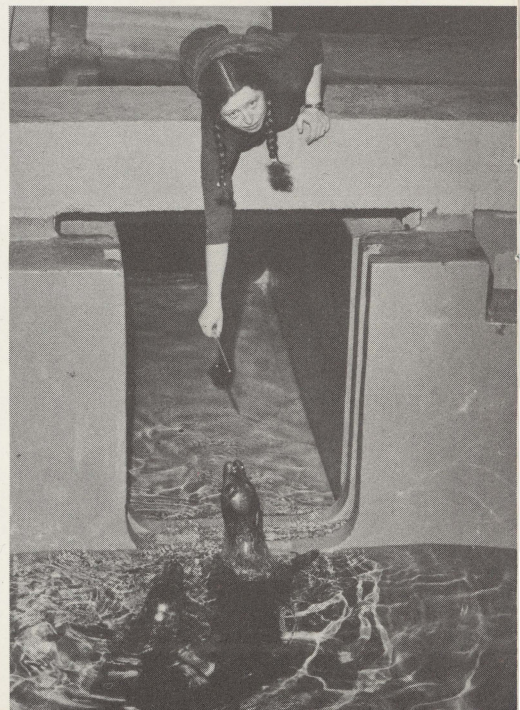
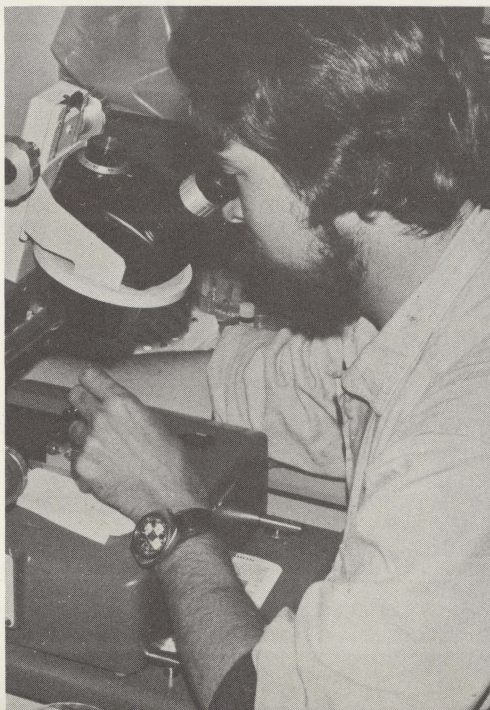


$\frac{1}{2|3}$

*1. Two undergraduates busily engaged in a squid dissection.*

*2. A technician prepares a section of brain tissue for examination under the electron microscope.*

*3. These seals in the satellite pool will soon be introduced into the main pool tank by a connecting duct.*



# **dalhousie alumni news**

July 1974  
Volume 30, Number 2  
Dalhousie University,  
Halifax, Nova Scotia, Canada.

*Published by  
the Dalhousie Alumni Association,*

*Editor:* C.E. Coldwell  
*Photography:* Dalhousie Audio-Visual Service  
*Typography:* Dalhousie Typesetting Service  
*Layout and Production:* Dalhousie University Graphics  
*Lithography and Production:* The Royal Print and Litho Ltd.

## **Board of Directors**

*Honourary President:* Mrs. Clara M. Giffin  
*President:* John R. Grant  
*First Vice-President:* Mrs. Michael Kirby  
*Second Vice-President:* George T.H. Cooper  
*Past First Vice-President:* Mrs. Lionel Teed  
*Secretary:* Mrs. John Curry  
*Treasurer:* Duncan MacGregor Murray  
*Associate Treasurer:* Mrs. Peter Pronych  
*Medical Alumni Representative:* Dr. G. Ross Langley  
*Director of Alumni Affairs:* Bruce G. Irwin  
*President, Dalhousie Council of Students:* Dan O'Connor  
*Young Alumni Club Chairman:* Porter F. Scobey  
*Nursing Alumni Representative:* Mrs. David Mann

## **Alumni Association Members of the Board of Governors**

### **1972-75**

Lorne O. Clarke, Q.C.  
Dr. Byron L. Reid  
Dr. Joan F.B. Cahill

### **1973-76**

G.E.C. "Ted" Brown  
Dr. Carl Dexter  
Mrs. Peter Green

### **1974-77**

Murray M. Rankin  
W. Struan Robertson  
Mrs. Peter A. MacGregor

### **1973-75**

Ewan S. Clark  
George T.H. Cooper  
Mrs. John Curry  
Dr. Kenneth Nickerson  
Mrs. Richard James  
Mrs. Hugh K. Smith

### **1974-76**

Dr. Douglas W. Cudmore  
Dr. Douglas A. Eisner  
John R. Grant  
Mrs. Ronald A. MacDonald  
Mrs. J. Thomas MacQuarrie  
Duncan MacGregor Murray

### **1974-75**

John W. Graham  
Ian Thompson  
Brian Smith

## **CONTENTS**

**4 LIFE SCIENCES CENTRE OFFICIALLY OPENED**  
Special convocation marks opening of Dalhousie's newest complex.

**5 LIFE SCIENCES CENTRE**  
A comprehensive tour of the Centre showing the remarkable facilities available to researchers

**9 OCEANOGRAPHY RECOGNIZED AS WORLD CENTRE**  
An interview with Dr. Peter J. Wangersky, acting chairman of the Department of Oceanography

**11 MONCTON BRANCH MEETING SUCCESSFUL**  
Good meal and good film key to success

**12 APPOINTED PRESIDENT OF C.A.U.D.O.**  
Director of Alumni Affairs, Bruce G. Irwin appointed president of the Canadian Association of University Development Officers

**12 LETTERS**  
A permanent department, we hope, to help keep you informed about your fellow alumni

**13 CAMPUS NOTES**  
"Goings-on" on and around the Dalhousie campus

**16 ASSOCIATION ANNUAL MEETING**

**17 DALUMNI**

# life sciences centre

OFFICIALLY OPENED

"Investigations to be carried on in this triad of buildings hold promise not only for Canadians, but for human beings all over the world." These words from the Honourable Allan J. MacEachen, President of the Privy Council of Canada. He was speaking at the official opening of the Life Sciences Centre, Dalhousie's newest building, on April 19th. Dr. Henry D. Hicks, the 7th president of the University, presided over the special convocation.

The ceremony, though short, was impressive. Following the invocation by the Reverend M.C.P. Macintosh, Dr. Hicks welcomed the platform guests: the Honourable Allan J. MacEachen, Dr. William Edward Ricker, the Honourable George Isaac Smith, the Honourable Gerald A. Regan, and Mr. Donald McInnes; special guests and faculty. Dr. Hicks then outlined the history of the Life Sciences Centre from its conception through its development and use prior to the official opening.

The presentation of the key to the Centre followed the President's opening remarks. The key was presented, in succession, from Mr. Claude Payette, on behalf of the contractor, Mr. Roland Desourdy, to the architect, Mr. Ray Affleck; to Mr. Donald McInnes, Chairman of Dalhousie's Board of Governors; and finally to President Hicks.

The Centre's plaque was unveiled by the Honourable Gerald A. Regan, Premier of Nova Scotia, acting on behalf of the province, and the Honourable Allan J. MacEachen, President of the Privy Council of Canada, acting on behalf of the Government of Canada. Premier Regan read the inscription, written in both French and English, which says:

## LIFE SCIENCES CENTRE

ERECTED AND EQUIPPED WITH SUPPORT FROM THE DEPARTMENT OF REGIONAL ECONOMIC EXPANSION, THE NATIONAL RESEARCH COUNCIL OF CANADA AND THE PROVINCE OF NOVA SCOTIA FOR THE ADVANCEMENT OF BIOLOGY, OCEANOGRAPHY AND PSYCHOLOGY.

1974

In honour of the special convocation the degree of Doctors of Laws, *honoris causa*, was conferred on Mr. MacEachen, in recognition of his efforts at the federal level on behalf of Dalhousie; on Mr. Smith, former Premier of Nova Scotia, in recognition of his efforts at the provincial level on Dalhousie's behalf; and on Dr. Ricker, in recognition of his contributions to biological research. Academic vice-president W.A. MacKay read the citations of the recipients.

Dr. MacEachen's convocational address on the essential partnership between the university community and the government was succinct and expressive. Said Mr. MacEachen, "These times have produced many new alliances that must be assessed realistically. This occasion makes it clear that, while the partnership of government and university is by no means a new one, it is today more vital than ever. It should be abundantly clear that government is well aware of this fact."

Later, Dr. MacEachen added, "This imposing complex is a monument to co-operation, a further example of government and university communities working effectively together."

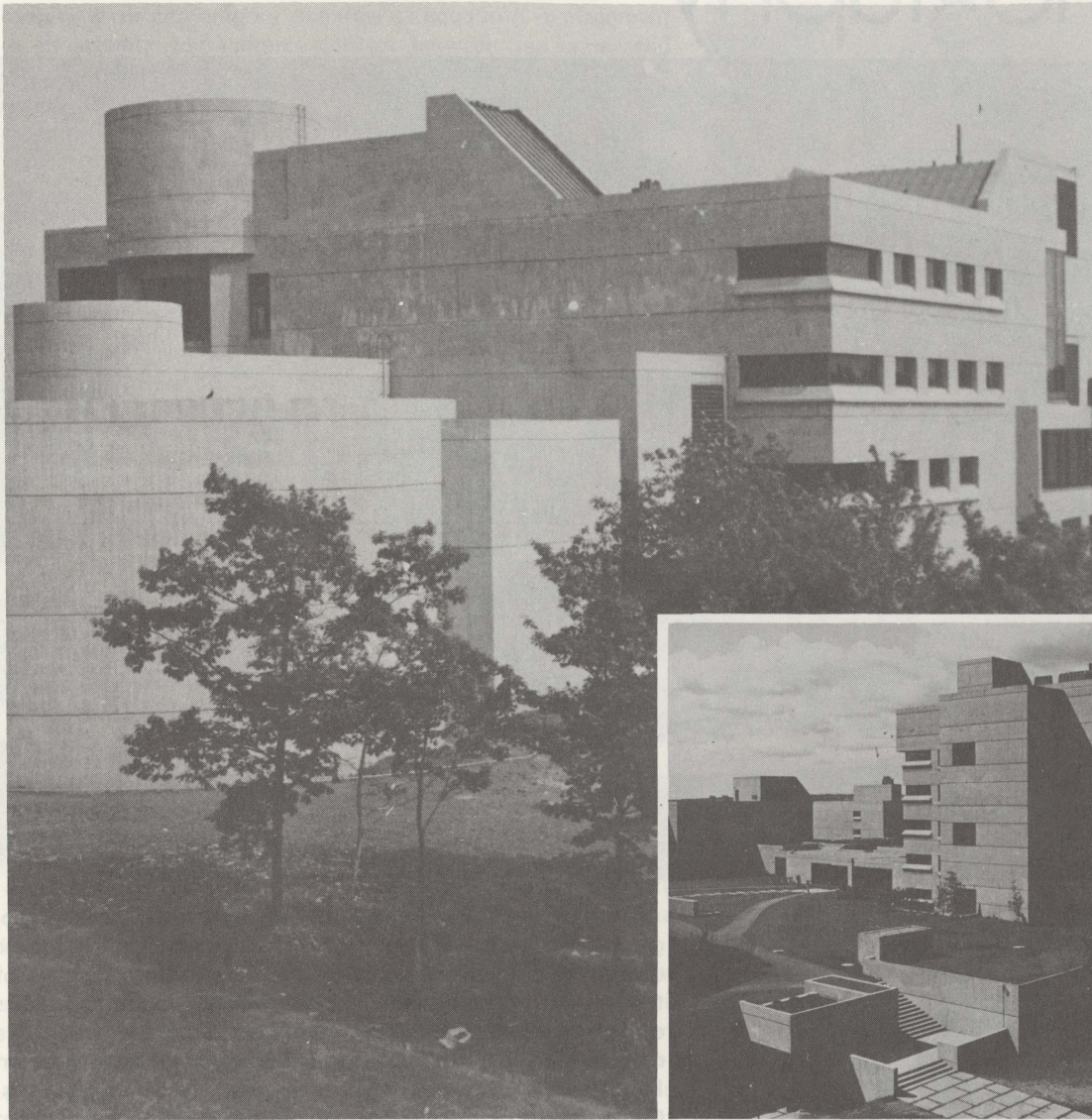
The benediction by the Reverend Mr. Macintosh concluded the special convocation.

A reception followed the ceremony. ■



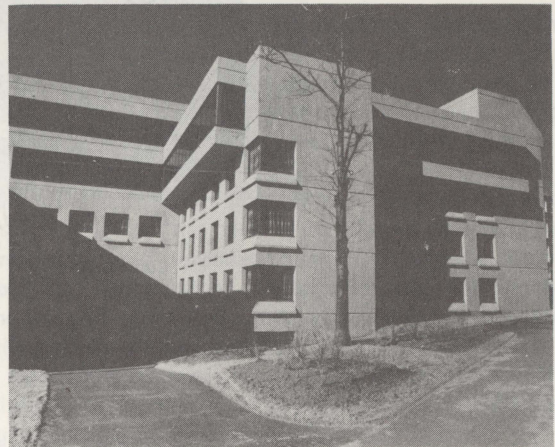
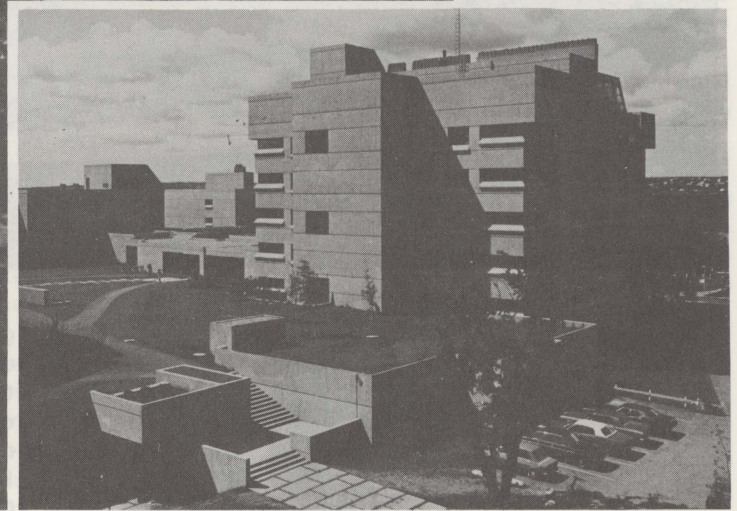
The Honourable Gerald A. Regan, Premier of Nova Scotia, unveils plaque at opening of Life Sciences Centre.

# the life sciences centre



1  
2  
3

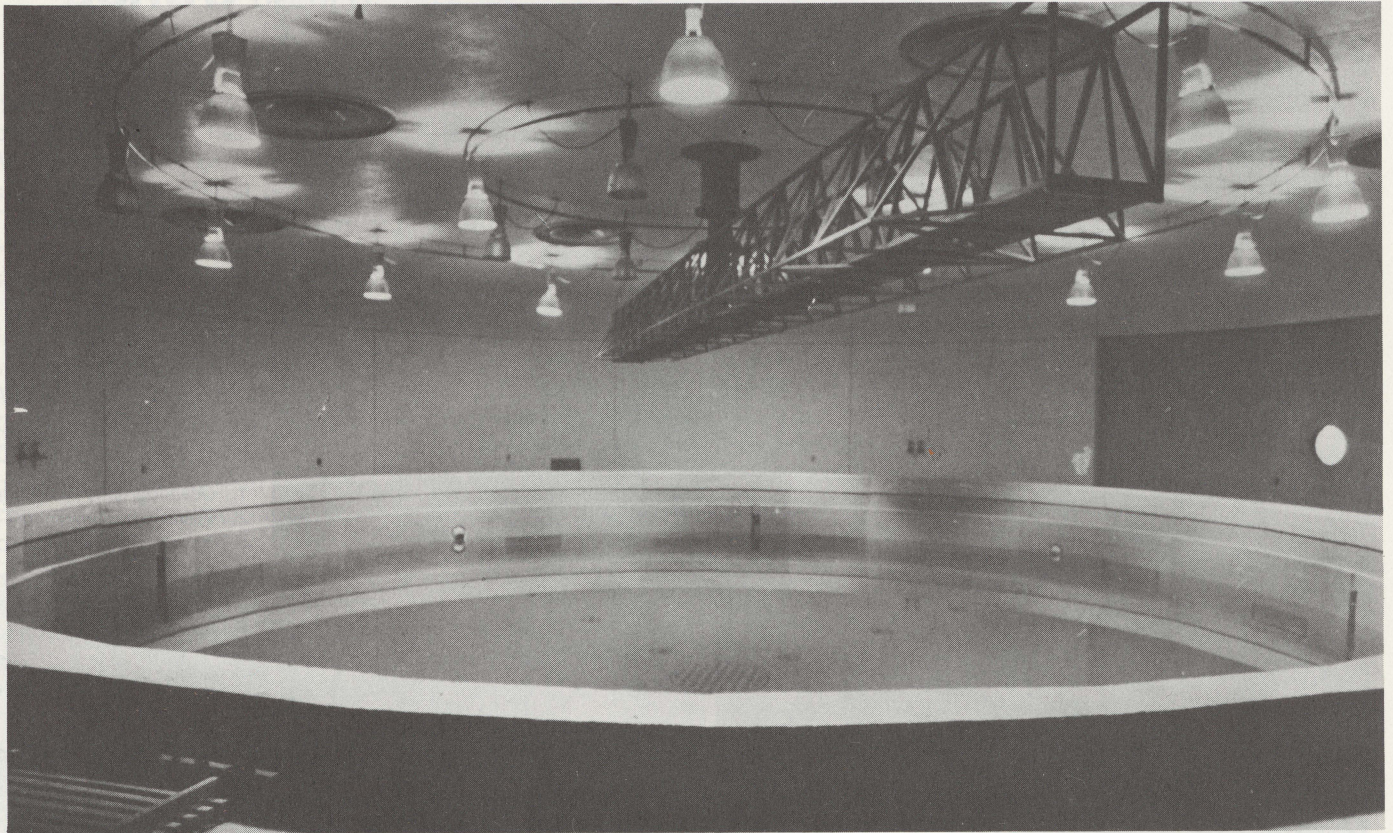
1. Oceanography Building
2. Psychology Building
3. Biology Building



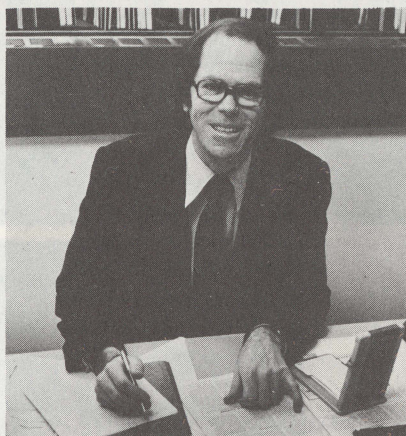
The Concise Oxford Dictionary defines the word complex as "consisting of parts, composite; complicated". If the authors had been familiar with Dalhousie University, they could also have added "Life Sciences Centre". The word is very apt, for unless you are knowledgeable of the internal workings of the Centre, you will indeed find the Life Sciences Centre a very complex structure.

The Centre is an interconnected triad of buildings housing the disciplines of psychology, biology and oceanography. Built at a cost of \$19 million, and located at the edge of the Atlantic Ocean, Dalhousie's Life Sciences Centre is unique. No other institution in the world houses the kind of facilities that are found in this Centre; particularly those which are found in the Oceanography Building. ■

# oceanography



*A towing/arm bridge which is axially suspended across the Pool Tank.*



*Dr. Carl M. Boyd, Director of the Aquatron Laboratory.*

The Aquatron Laboratory and the Department of Oceanography occupy the Oceanography Building, and both of these divisions are administered by the Institute of Oceanography of the University. Because the Institute believes that most studies of the natural environment are best accomplished by a combination of laboratory and field study, the Aquatron Laboratory was constructed to support those programmes. Construction of the Laboratory was funded with grants from the National Research Council of Canada and the Atlantic Development Board. The intention of the granting agencies and the University was that a facility of a specialized nature be established to allow regional marine scientists access to sophisticated laboratories for studies of problems encountered by marine scientists. Many contemporary studies in marine science demand that the experimenter must have the capability to control environmental variables of rather large volumes of water in the tractable confines of the laboratory.

The Aquatron Laboratory consists of a variety of research aquaria and areas for research for use by scientists in the University departments and visiting scientists. The unique facilities in the Laboratory include the pool tank, the tower tank, experimental aquarium rooms and the high pressure laboratory.

# psychology



*Dr. John A. McNulty,  
Acting Chairman of the  
Psychology Department.*

The pool tank is a cylindrical aquarium 50 feet in diameter and 13 feet deep which holds about 184,000 U.S. gallons of water. Several glass windows around the perimeter provide viewing at all depths. The entire system was designed in keeping with contemporary practices of aquarium management in an attempt to minimize contact between sea water and toxic or corrosive surfaces. Water may be directed through sand filters and/or heated according to the design of the experiment. Animals may be introduced into the pool tank from a satellite pool, approximately 8 feet in diameter and 4 feet deep, which is connected to the larger pool by a duct. A towing arm/bridge, which is axially suspended over the pool, can be raised by hydraulic control to the ceiling or lowered to the water surface and rotated 360 degrees at variable velocities up to two knots at the perimeter. By working from the bridge, the experimenter may reach any point on the water surface or he may use the bridge for towing equipment. The entire tank is supported on neoprene pads and is structurally isolated from the building to provide a quiet environment.

The tower tank is a cylindrical tank in the shape of a silo constructed in such a way as to mimic to some degree a column of the ocean surface layer. The tank is 35 feet deep and 12 feet in diameter and holds about 30,000 U.S. gallons of water. Several ports for viewing and illumination are located around the acoustically controlled tank. Water may be withdrawn, processed and re-introduced at three different depth levels so that the water may be split into three masses differing in salinity or temperature. A mono-rail and electric hoist is used to lower heavy objects into the tank.

Many contemporary experimental marine biological studies do not require large volumes but rather a continuous flow of conditioned water into aquaria of more conventional sizes. To accommodate these studies there are ten sets of aquarium rooms, each set consisting of a wet room (for organisms) and a dry room (for electronics, notes, etc.). These ten separate systems were designed for maximum flexibility and offer the scientist complete control over his experiment.

The high pressure laboratory is equipped with high pressure vessels to allow the simulation of deep sea pressures for tests of instrumentation, physiological/biochemical studies on marine organisms, and geological/geophysical studies of properties of minerals exposed to high hydrostatic pressures. The two larger vessels are equipped with electrical penetrators so that electrical signals may be monitored outside the vessels. Biochemical analyses of material subjected to high pressures may be carried out in a biochemical laboratory adjacent to the high pressure laboratory.

In addition, the Aquatron Laboratory and the Department of Oceanography share various support facilities such as a machine shop, a woodworking shop, a glassblowing shop and others.

However, the Oceanography Building is not the only part of the Centre which possesses outstanding facilities. ■

The Psychology Building is one of the finest research facilities of its kind in North America.

The building is functional and flexible and contains extensive laboratory areas for research with animals and humans. There are more than 100 laboratory rooms, a surgery-histology suite, specialized rooms for studies of social interaction and infant behaviour, well-equipped workshops, two computers and access to the University's Computer Centre.

There is also an audio-visual section, used for teaching and research, which has a modest TV studio, video recording equipment, and a photographic studio.

The first floor of the building has a number of special features—a seal tank, an ANECHOIC chamber with absorbing cones that allow 90 percent sound absorption (still to be completed), standard animal research areas, a games and group dynamics room for study of human behaviour, together with a nursery complex.

The second floor is physiologically oriented with labs, surgery and a highly aseptic tissue-culture room. There are, as well, electrically-shielded rooms for specialized recordings, and testing areas for human behaviour studies.

In addition to the animal and human research areas on the third floor, there is a dark room for experiments in visual perception.

The fourth and fifth floors have seminar rooms, a small lecture theatre and calculator rooms for student use. A small library, lounge, and student study carrels are all located on the fourth floor. The fourth and fifth floors also contain four large teaching laboratories where most advanced classes in psychology are given.

At Dalhousie, psychology is an experimental science — part of a discipline which has already produced principles with direct relevance and application in such diverse areas as education, the treatment of mental disorders, the domestication and control of animals, human performance in a variety of specialized conditions ranging from outer space to the ocean's floor. Yet its many applications do not detract from the discipline's intrinsic interest in the study of the behavior of all living organisms.

Research activity, representative of the work being done in the Department of Psychology, is reflected in the following subject areas under investigation by members of the department: learning, attention and stimulus processing in animals; reinforcement and motivation; the biological bases of behaviour; human learning and memory; sensory physiology and perceptual processes; modification and control of behaviour; group interaction processes; and the functional organization of the nervous system.

According to Dr. John McNulty, acting chairman, the department has attempted to maintain a balance between animal and human research and among the major areas of psychology, and at the same time provide opportunities for specialized work. One such speciality is ocean-related research on marine animals and humans — a field of study made possible because of the University's close proximity to the Atlantic Ocean and the sea-water laboratories in the Life Sciences Centre.

The policy of the department has always been to attract staff with outstanding research potential and teaching ability, and a number of the faculty already have international reputations as scientists and educators.

Students graduating from the department's undergraduate programs have gone to every major university on the continent for graduate work, and among Canadian universities the department is noted for the quality of its graduate training.

However, the Departments of Oceanography and Psychology are not the only sections of the Life Sciences Centre which are making valuable contributions to the world in which we live. This brings us to the remaining third of the triad—the Biology Building. ■

## biology



*Dr. Kenneth H. Mann,  
Chairman of the Department of Biology*

From the study of genetic patterns in generations of populations to the examination of the tiniest components of living matter, research done in the Dalhousie Biology Department confirms the basic interrelation of all living things. Hence, one finds in this department scientists whose principal interests seem quite different, yet who are all working towards the same end — the understanding of animal and plant life, and

its implications in the modern world.

The Department of Biology has over the years developed vigorous research programs in several fields. There has always been an interest in the environment and in cell biology and botany.

In more recent times these interests have expanded and diversified as society has required new answers from its scientists, but still the main interests are in ecological studies, in molecular and developmental biology. There is now an effort to involve as many of the members of the department as possible in related programs, so that a measure of unity appears in their work. It has been possible to attract to the department scientists of international reputation, and young scientists who are acquiring international reputations while at Dalhousie.

A new development in the University, with which the Department of Biology has been intimately associated, is the Institute for Environmental Studies. This has been founded to bring together all groups in the University having interests in the environment. The acting director of the Institute is Dr. F.R. Hayes, a veteran member of the department. Dr. Hayes has a unique understanding of environmental studies and of co-operative efforts by workers in diverse fields of learning.

There has also been an increased interest in marine ecology. Dr. I.A. McLaren has studied marine plankton for many years, and Dr P.A. Lane is starting a program of study on the human influence on aquatic systems in the Bedford Basin plankton community.

A group of members of the department, headed by Dr. K.H. Mann, Chairman, has recently been awarded a development grant by the National Research Council of Canada for a program of research into coastal productivity, especially seaweeds, salt marsh plants, tube worms, oysters, and copepods. This will involve extensive ecological and genetical approaches to the problem.

The teaching of undergraduates has always been the chief duty of a university department. The teaching commitment in biology is very large. At a time when enrolments are declining elsewhere, the enrolment in biology classes continues to increase by about 15 per cent per year. To meet the demands of ever-increasing numbers of students, the department has evolved new teaching methods which enable teachers to give individual attention to students.

First year classes are now being taught by audiotutorial methods which minimize the traditional lecture period and allow the student to attend his weekly lessons at the time which best suits him. Study areas are open all day every day, and many evenings. This method was tried experimentally on a single class last year, and is now being used by both first year classes and one second year class.

The department has long been active in community problems. Dr. Hayes has investigated the fish productivity of Nova Scotia lakes. Recently Dr. J.G. Ogden has done work on the ecology of the Dartmouth lakes, and Dr. McLaren on the accommodation of ecological interests and oil industries on Sable Island. The salt marshes are being studied with funds from the provincial government and the Canadian Wildlife Service.





Contemporary learning aids are employed in the audio-tutorial classes. These plastic molecule models fit together to represent DNA — the material responsible for inheritance.

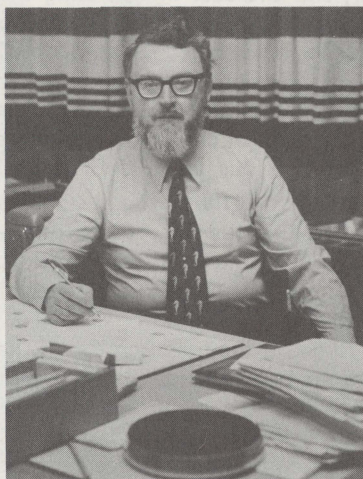
Members of the staff hold various posts in local, national, and international bodies concerned with the government of environmental affairs.

In short, the department tries to take a responsible place in the affairs of the city, province, and country generally. The excellent facility provided in the Life Sciences Building has gone far to improve this contribution, and to enable the department to offer adequate teaching and research facilities to undergraduate and graduate students. ■

The Life Science Centre is fast becoming world-recognized in all three of the disciplines that it houses. It is an incredible place which cannot really be appreciated until you have taken the grand tour.

Those students at the University who are not studying biology, psychology, or oceanography are not as complimentary in describing the Centre; often referring to it as the "maze" or the "dungeon". But the purpose of the Centre is function and if function is beauty, then the Life Sciences Centre is beautiful. ■

## World Centre for Oceanography



The Department of Oceanography, with its excellent facilities and highly trained staff, has become recognized as a world centre for oceanographic studies and for the training of new oceanographers.

There has been no difficulty in attracting qualified students. Dr. P. J. Wangersky, acting chairman of the department, points out that the number of Canadian universities offering such a program is limited, and

in some specialties, such as chemical oceanography, there are relatively few alternatives in all of North America.

Thus, while Dalhousie produces graduates in all four of the major fields of oceanography, and the largest part of its graduates are biological oceanographers, it has supplied a disproportionate number of chemical oceanographers to laboratories in North America.

The function of the department is to teach and train oceanographers through a program leading to master's and doctoral degrees in oceanography. The course of study is designed to provide students with a general knowledge of the field as a whole and advanced training in one of the specialties.

The teaching and research program spans four disciplines — biology, chemistry, geology and physics. It allows students to study a wide range of topics while offering scientists the advantage of a broad interdisciplinary research base.

No department is completely without problems, says Dr. Wangersky. "We are in need of more funds, particularly for graduate student stipends, if we are to maintain and extend our program."

Funds for faculty and staff salaries are allocated to the department from the general university budget. The department also receives an annual institutional grant from the National Research Council. Individual staff members receive operating grants for their research projects from agencies such as NRC, Fisheries Research Board, and Defence Research Board.

Total grants for the current year (1973-74) amounted to \$177,250. This includes the NRC institutional grant.

Another problem is instrumentation, says Dr. Wangersky.

"Modern oceanography requires sophisticated instrumentation. Largely because of the lack of money for new instruments, we are often forced to improvise and to modify existing instruments. We are completely cut off from certain

branches of oceanographic research simply because we cannot afford the necessary instrumentation."

"Ship-time, however, has not been a problem. We do not own or operate our own ocean-going vessels, nor would we want to do so. The cost, for example, of operating the Hudson, a federal oceanographic ship, runs around \$5,000 per day, or \$1,825,000 per year, and the cost of operating the shore establishment to support the Hudson probably comes to another \$400,000 annually. We have been using Bedford Institute vessels for our research. Sometimes we go along as guests on their expeditions, and sometimes we take the ships out ourselves. We are operating a series of cruises between here and Bermuda in conjunction with various groups at Bedford."

On a Dalhousie expedition in October, the staff and students sailed to Nain, Labrador, aboard the Hudson. As part of the month-long trip, they carried out depth soundings, bottom sediment surveys, biological sampling, and measurements of water transport in and out of the bay.

"Occasionally, we manage to go on the major cruises of the Bedford Institute ships. Dalhousie people made up a fair part of the scientific party on the Hudson 70 expedition."

Future plans? Professor Wangersky says the department is interested in developing a program in fisheries management. As for the science itself, it is taking a new direction. In the past, oceanography has been preoccupied with describing the oceans. Now scientists are becoming interested in the mechanisms responsible for the distributions.

"Until we reach a point where we understand mechanisms," he says, "oceanographers cannot make valid predictions nor suggest controls." ■

## AUDIO-VISUAL TEACHING AIDS USED AT MED SCHOOL

More medical education today - at least in the medical school at Dalhousie - is being taken out of the classroom than was the case in the past to encourage students to do more learning on their own.

The formal schedules for students in the first four years have been reduced in the last year by about 15 per cent, or about one full day a week, according to Assistant Dean Dr. Paul Cudmore.

The reason? Under the guidance of the Faculty of Medicine, the student is responsible for learning the science, skills and art of medicine during the undergraduate years, and for developing learning habits which will continue throughout his career.

While the curriculum interprets the objectives of the school in terms of knowledge, the skills and attitudes a student must acquire by the time he begins to practise as a physician, the Faculty believes there is another more important aspect. Because medical science is expanding and changing so rapidly, what is more important than a student acquiring the ability to manipulate his knowledge and act effectively, whether he eventually functions as a practising physician, a researcher, a teacher, or a combination of those.

Accordingly, the curriculum is designed to present the student with a limited, but essential, amount of material, commonly called "core knowledge". However, the curriculum also emphasizes totally independent study, as well as a slightly more formal elective program.

"So by reducing the class schedules, we are increasing the time available for a student to learn on his own," says Dr. Cudmore.

One factor which has allowed the curriculum planners to do this has been the development of the school's Audio-Visual Division.

Established in 1967, when the Sir Charles Tupper Building opened, the division has already filled a big gap in the teaching of medicine. Divided into three sections - illustration, photography and television - the division now has a staff of thirteen and its primary function is to provide guidance and leadership in the production of audio-visual systems and materials.

Two programs initiated two years ago and still evolving are the development of audio-visual study carrels and resources in strategic locations throughout the medical school, and the television cable network between the Tupper Building and the teaching hospitals nearby. The TV network is in use about five hours a day.

"Meanwhile," says Mr. Gibson, "the two health sciences units, the Audio-Visual Division, and the Kellogg Health Science Library, are organizing improved coordination between the central source - the Tupper Building - and the outlying units, the hospitals, and together are building up health science audio-visual resources through production, collection and distribution services."

Speaking of the pilot TV project the Department of Medicine has organized, the transmission of "grand rounds" from three Halifax hospitals to the City of Sydney Hospital in April and May, Mr. Gibson says the division was looking at the technical aspects of the presentations.

He agrees, however, with Dr. Robert C. Dickson, head of the Department of Medicine and the man who initiated the pilot project, that new audio-visual techniques must be exploited if continuing medical education is to be improved and brought to a wider audience.

"One asset in this pilot project, and one we have used in residency training on Saturday mornings (between the Tupper Building and three hospitals), is 'white line', the direct telephone link which is open during all telecasts. "Without the means of two-way communication, we would have passive TV learning which, despite the larger audiences, is not enough. An audience needs the opportunity to react and to take part in any discussion at the time of a presentation," says Mr. Gibson. ■

**MONCTON  
BRANCH  
HOLDS  
EXCELLENT  
MEETING**



*(left to right) Mr. Roy McBurnie, President of the Moncton Branch of the Dalhousie Alumni Association, Dr. Henry James, Killam research professor at Dalhousie, Mrs. G. Irving Mitton, Past-President of the Branch, and Mr. C. E. Coldwell, Assistant Director of Alumni Affairs are shown at the 1974 meeting of the Moncton Branch of the Alumni Association.*

With an attendance of fifty people, the 1974 meeting of the Moncton Branch of the Dalhousie Alumni Association was a definite success.

Under the chairmanship of Branch President Mrs. G. Irving Mitton, the business meeting was brief and to the point. The minutes of the last meeting and all the executive reports were approved, and the recommendations of the nominating committee were unanimously accepted.

The new officers are: Roy McBurnie, President; Mrs. William Reid, 1st Vice-President; Ross Bingham, 2nd Vice-President; Mrs. G. Irving Mitton, Past President; Garry MacLean, Treasurer; and Miss Jennie Grant, Secretary. Charles Gillespie, Dr. George Parsons, and Dr. Robert Murray are the new directors.

The special guest of the meeting was Dr. Henry James, Killam research professor at Dalhousie. Dr. James, who has

been conducting research on the navigational ability of harbour and gray seals on Sable Island since 1969, made a few remarks concerning his research before the meeting adjourned to watch a film about Sable Island.

The film, an excellent twenty-minute colour production co-produced by Dalhousie's Audio-Visual Centre and the Nova Scotia Communications and Information Centre, was extremely well received. The film tells the story of Sable Island's seals, horses, birds, and other wildlife, shows man hunting for gas and oil on and around the Island, and depicts the Island's fragile ecology with man and his machines.

After the showing Dr. James answered questions from the audience for about forty minutes before the gathering came to an end.

Mr. C.E. Coldwell, Assistant Director of Alumni Affairs, represented the Dalhousie Alumni Association at the meeting.

**on the move?**

*If you are about to change your address or have just done so, please fill in this coupon and mail it to....*

**Dalhousie Alumni Association,  
Alumni Office,  
Dalhousie University,  
Halifax, Nova Scotia, Canada.**

Please print clearly:

**NAME**

\_\_\_\_\_  
\_\_\_\_\_

**OCCUPATION**

\_\_\_\_\_  
\_\_\_\_\_

**DEGREE/YEAR**

\_\_\_\_\_  
\_\_\_\_\_

**NEW MAILING ADDRESS**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**OTHER NEWS**

Items you would like published in the Alumni News.

\_\_\_\_\_  
\_\_\_\_\_

**PERMANENT REFERENCE**

Name and address of a friend or relative through whom you may be reached for an indefinite time.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Bruce G. Irwin, Director of Alumni Affairs at Dalhousie University, has been elected president of the Canadian Association of University Development Officers. Mr. Irwin, who succeeds Roy L. Jones of the University of Toronto, has served CAUDO as a director, secretary-treasurer and vice-president. He was elected at the association's annual meeting in Montreal.

Membership in CAUDO consists of university from across Canada who are engaged in educational fund

raising for their institutions. One of the main objects of the association is to give professional assistance to the members through the sharing of fund raising knowledge and experience.

CAUDO also sponsors an annual industry-university conference at which people from industry who are responsible for charitable donations sit down with the people from the universities who are responsible for the fund raising programs. Other CAUDO projects include seminars and workshops on such things as capital campaigns, annual funds, bequests and direct mail solicitations.

Mr. Irwin, who has been at Dalhousie since 1959, is also executive secretary of the Dalhousie Fund Council and supervising director of Dalhorizons, the University's \$11,100,000 capital campaign. He received a Bachelor of Commerce degree from Dalhousie in 1953 and worked in industry in Ontario before his appointment at the University. ■



**letters**

No. 1 1035 - 12 Ave. SW,  
Calgary, Alberta  
T2R 0J5

Dear Fellow Dalhousians,

The sunshine of Alberta has drawn my wife and I to Calgary.

Both of us have excellent jobs here and are glad in every way that we have settled in the West. My wife is also a Dal grad, known as Wendy Kearley in days gone. We'll be celebrating our first on April 21st (1974).

Wendy is with Dun and Bradstreet (Canada) Ltd. as a business analyst and I am an internal auditor with the Management Audit Division of the City of Calgary.

Those who knew me well at Dal would probably wonder whether I'm still buying and selling automobiles "on the side". Not anymore, but I am still active "on the side". Wendy and I have purchased three houses in Calgary. What we don't live in, we either renovate or rent. We intend further acquisitions with the objective of eventually incorporating a Real Estate Holding and Property Development company. Time will tell though.

We have encountered several Dal grads on the streets of Calgary and expect to bump into a few more this summer.

Wendy and I send our warmest regards to the members of Alumni Association, students and staff at Dalhousie and extend an invitation to anyone visiting to look us up.

As always,  
Clyde (Mase) (BComm '72) and  
Wendy (Arts '72) Mason

*(Ed. note) This is the first of what we hope will become a permanent feature of The News. But it needs your support in order to survive. So...write on! If it is at all possible, also send us a recent snapshot of yourself, and we will try to print it with your letter.*

C. R. Brookbank, Professor of  
Organizational Behaviour



## CAMPUS NOTES



## **Institute of Public Affairs Holds Seminars and Discussion Series**

The Dalhousie Institute of Public Affairs was extremely active during March and April when it was involved with five events: a seminar on team building, a lecture-discussion series on building and buying homes, two seminars in the labour-management field, and a week-long television series. The Advanced Management Centre of the Institute sponsored all the events except the series on homes.

The advanced management seminar on team building, which was aimed specifically at executives who have a number of managers reporting to them, focused on the personal growth of the individual participants as team leaders, on formulation of team objectives, on relationships between team members, and on the integration among team leaders that is required for achievement of objectives.

The resource leader was Professor Roy Brookbank, a former director of industrial relations for the British Columbia Electric Company and a past chairman of the Dalhousie Department of Commerce and director of the Master of Business Administration program. He is presently a professor of organizational behaviour in the Commerce Department.

The lecture-discussion series on building and buying homes was intended for prospective homeowners whether they were planning to build or buy. Topics in the series included renting versus ownership, methods of financing, legal aspects of ownership, contracts and leases, selection of site and neighbourhood, and other subjects. The series was sponsored by the Institute and was done in cooperation with the Central Mortgage and Housing Corporation.

Charles J. McManus, a project engineer who teaches production and management at Dalhousie, and Joe Revell, chairman of the Department of Business Administration at the University of Prince Edward Island, served as resource leaders for the two seminars in the labour-relations field.

The courses were designed to familiarize the participants with the current trends in the field including the nature of worker groups, increased union efforts in the public sector, and changing attitudes of labour and management.

The objective of the television series, "Management and the Man", was to provide an in-house educational opportunity. The series, which was developed in response to an extensive survey on the interests and concerns of managers and businessmen in the Atlantic provinces, focused on the importance of the individual in the development of industry in the Atlantic region.

The series was presented in conjunction with the Atlantic Management Institute and the Canadian Broadcasting Corporation.■

## **Commerce Organizes Seminar**

The Dalhousie Department of Commerce organized a seminar on small business financing, in March. Representatives from private lending institutions, and government departments and agencies involved in incentive loans and grants in Nova Scotia, took part in the seminar.■

## **"Perspective in the Life Sciences"**

Dalhousie sponsored a series of six public lectures, which began in March, entitled "Perspectives in the Life Sciences".

The series, which brought outstanding scientists in the fields of psychology, biology, and oceanography to Halifax, was arranged to commemorate the official opening of the Life Sciences Centre.■

## **Publishes New Book**

A new book by David Braybrooke, philosopher and political scientist at Dalhousie, shows how case studies of policy-making processes can be cast into a form that will make important features of political phenomena easily visible and comparable.

"Traffic Congestion Goes Through the Issue-Machine: A Case Study in Issue-Processing, Illustrating a New Approach", is based on on-the-spot investigations, including many interviews, made in traffic-heavy London in 1968 and 1969. In his book Dr. Braybrooke deals not so much with the traffic problem itself as with the problem of describing how the traffic situation is dealt with.

Professor Braybrooke, who has been at Dalhousie since 1963, has numerous publications to his credit in the form of

articles and reviews in philosophy and social sciences journals, and as co-author and editor of a number of books.■

## **Dentistry Holds Second Post College Assembly**

Dental practitioners from all parts of the Atlantic Provinces and other areas of Canada and the United States took part in the second Post College Assembly organized by the Dalhousie Faculty of Dentistry. The assembly, held in conjunction with the annual Atlantic Provinces Dental Convention, was staged during Convocation Week.

The keynote speakers were Dr. A.E. Nizel, Tufts University School of Dental Medicine, Dr. R.E. Jordan, University of Western Ontario, and Dr. Frank Popovich, University of Toronto Dental School. The supporting clinicians were from the Dalhousie dental faculty.

The sessions, on May 12 to 15, were held in the Dalhousie Arts Centre. Also there were films, static displays, table clinics, and other exhibits in addition to a number of social events.■

## **Accepts Post as Research Professor of Nursing**

Dr. Floris E. King, director of the Dalhousie School of Nursing since July 1972, has resigned in order to accept a post as research professor of nursing at Dalhousie.

Professor Muriel Small, associate professor of nursing, has been appointed acting director of nursing.■

## **MSSW Holds Seminars**

Involvement is the name of the game and the Maritime School of Social Work at Dalhousie is doing its part by co-sponsoring seminars on topics of public importance.

The first, a two-part seminar on income distribution: "Economics of Income Distribution, and New Approaches to Distribution", held in early March, was sponsored by MSSW and the Department of Economics. The purpose of the seminar was to provide a forum for discussion on this important topic.

Dr. Glenn Drover, associate professor at MSSW, said that the discussion was appropriate as the federal government is reviewing income distribution policies.

The main objective of the second seminar, jointly sponsored by MSSW and the Atlantic Provinces Economic Council, held in early April, was to bring into public focus the importance of combining social planning with economic and political development.

Said Professor L.T. Hancock, co-ordinator of the seminar and former director of the Maritime School of Social Work, "The present problem is one of deciding the nature and extent of development which will reduce economic disparity and at the same time enhance those qualities of life which are highly valued by the people of the Atlantic region."

Professor Hancock added that the need to create more jobs in the Atlantic region was obvious and that "the situation at present urgently calls for new approaches."

"Atlantic Development: A Socio-Economic Perspective" was the title of the third seminar, held in April. The theme of the seminar was the need for taking social factors into account in implementing plans for economic and industrial expansion.

The seminar, sponsored by MSSW and APEC, brought together representatives from the three levels of government with social and private agencies from the Atlantic Provinces. The format for the sessions was two sets of concurrent workshops with presentations of background papers on subjects under review.■

### **Refresher Course for Dental Hygienists**

A three-day refresher course was conducted in late April for dental hygienists in the Atlantic Provinces by the Dalhousie Faculty of Dentistry and the School of Dental Hygiene.

The continuing-education course provided sessions on audio-visual aids in clinical instruction, practical demonstrations in a number of areas, discussion on various topics, and a special session entitled "Probe More in '74: Diagnosis, evaluation and treatment philosophy".■

### **Bottomore is Visiting Sociology Professor**

Professor Thomas B. Bottomore of the University of Sussex is at Dalhousie as a part-time visiting professor in the Department of Sociology and Anthropology. His appointment, which began July 1, is for the fall only.

Professor Bottomore, during his active and interesting career, has written numerous articles and papers, made contributions to encyclopaedias, and is the author of several books.■

### **Delivers John Cotton Dana Lecture**

Shirley Echelman, chief librarian at the Chemical Bank, New York, since 1966, delivered the John Cotton Dana lecture for 1974 at the University in April.

The lectureships are sponsored by the Special Libraries Association and named after John Cotton Dana, its first president when the Association was formally established in 1909.

The guest of the School of Library Service, Miss Echelman spoke on the "Libraries are Business Too", in the Killam Auditorium.■

### **Atlantic Society Has Conference**

The second annual conference of the Atlantic Society for 18th Century Study was held at Dalhousie in mid-March. It dealt with all aspects of the 18th century.

Of particular interest to Halifax residents and local historians was a panel discussion on "Halifax: An 18th Century City", which was open to the general public.■

### **"No-Fault" Insurance Discussed at Conference**

"Nova Scotia stands at the crossroads in the matter of 'no-fault' automobile insurance," said Professor H.N. Janisch of the Faculty of Law. He was referring to a conference on automobile insurance held at the University in mid-March.

The main focus of the conference, one in a series sponsored by the Faculty of Law as part of its program in the field of continuing legal education, was on the area of reform of automobile insurance with particular reference to the various systems of "no-fault" insurance now being employed in all parts of Canada.

"Nova Scotia and the other Atlantic Provinces are, at the moment, in the position of being able to pick and choose we do have a real choice (of the various systems)," said Prof. Janisch.

He concluded that it was appropriate that such a conference consider the implications for the public and the legal profession of any substantial changes in automobile insurance.■

### **Medical School Gives Paediatrics Course and RIA Symposium**

The Dalhousie Medical School's Division of Continuing Medical Education is continually coordinating programs for the medical profession. Two of their more recent efforts were a short course in paediatrics and a symposium on radioimmunoassay techniques.

The paediatrics course, presented by the Dalhousie Department of Paediatrics and held in late March in the Isaac Walton Killam Hospital for Children, was designed to illustrate how the family physician may make better use of the consulting paediatrician and how the paediatrician may be of help to the family doctor in providing better day-to-day care for children.

Members of the Paediatrics Department, the Department of Medicine, and the Social Work and Nutrition Departments of the I.W.K. Hospital took part in the discussions on normal growth and development, common feeding problems, mental retardation, and other topics.

The course was open to the general practitioners in the Atlantic region.

The symposium on radioimmunoassay techniques in applied and experimental medicine, held in late April, was presented by the Faculty of Medicine. The purpose of the session was to assess the role of RIA and its concepts in relation to regional and local requirements.

The symposium was co-sponsored by Picker Nuclear Canada and Schwarz/Mann Laboratories of New York.■

### **Elects New Executive**

The Dalhousie Club of New York has a new slate of officers and a new executive committee for this year.

The new officers are Dr. Isidore Roy Gold, MD CM '38, President; Mrs. Emma

Gillies Corsi, '14, Vice-President; Dr. Irvin Deutsch, MD CM '34, Vice-President; Warren Publicover, BA '25, Secretary-Treasurer. The Honorary President is Ross McLeod, BA, LLB '19.

The executive committee consists of Dr. Harold Davis, MDCM '37; Howard C. Glube, BA '23, LLB '25; Dr. Harry Handler, MD CM '35; Dr. Leo Horowitz, MD CM '38; J. Ralph MacLean, '28; Dr. Samuel N. Rosenberg, MD CM '38; Dr. Albert Sloane, DDS '38; and Mrs. Harriett L. Morrissey Stoddard, BA '27. ■

### Present Papers in Ottawa

Professors D.P. Edmond and H.N. Janisch, of the Faculty of Law presented papers at a meeting of teachers of administrative law in Ottawa in late March.

The meeting, organized by Professor D.J. Mullan, acting chairman of the administrative law sub-section of the Association of Canadian Law Teachers, was held under the auspices of the Law Reform Commission.

Prof. Edmond's paper was on "Exploring the Limits of the 'Natural Justice' Doctrine — a new rationale for public participation in planning and environmental protection". Prof. Janisch discussed the as yet unproclaimed Nova Scotia Regulations Act.

Professor John Willis of the law school also attended the meeting. ■

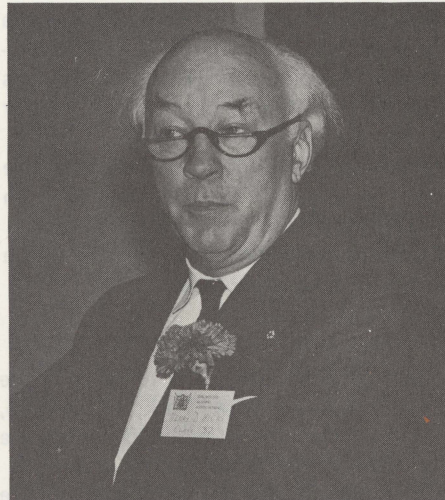
### ATHLETIC COMPLEX BATTLE CONTINUES

In the last issue of the *News* we reported that the University was going to appeal to the Supreme Court of Nova Scotia the decision of Halifax City Council to rezone the Stairs property from R-1 to R-2. This rezoning would prevent the University from constructing the much-needed recreation and athletic complex.

The University's appeal was successful. Chief Justice Gordon S. Cowan overruled the city's stand and ordered the issuance of a building permit to the University.

The city has now, in turn, appealed the decision of the Supreme Court arguing that the University had not complied with one section of the city's building ordinance. ■

### ASSOCIATION ANNUAL MEETING



*Dr. Henry Hicks, President of Dalhousie, and Mr. Donald McInnes, Chairman of the Board of Governors of Dalhousie, gave brief reports on the current situation of the University.*



2

Mrs. Clara M. Giffin was elected Honorary President of the Dalhousie Alumni Association at the annual meeting of the Association on May 13. Mrs. Giffin, a devoted Dalhousian who has worked in the Alumni and Fund Office since 1948, was nominated by Miss Edith Creighton and seconded by W. Graham Allen. She succeeds Murray M. Rankin who was given an Honorary Life Membership in the Association in recognition of his contributions to the Association.

In the absence of Association President W. Struan Robertson who was hospitalized at the time, Mrs. Lionel Teed, 1st Vice-President, presided over the meeting.

The meeting opened with a special welcome to the representatives of the graduating class of '74, the reunion classes of '24, '34, and '49, Donald



3 (1) Mrs. Lionel Teed, 1st Vice-President of the Association and President of the Women's Division, presided over the 1974 Annual Meeting of the Association at which

(2) John R. Grant was elected President for the 1974-75 term and

(3) Mrs. Clara M. Giffin was elected Honorary President.

(4) Life President of the Class of '74 Lonnie Atkinson said a few words to the Annual Meeting on behalf of the graduating class.



McInnes, Chairman of the Board of Governors, and Dr. Henry D. Hicks, President of the University. Lonnie Atkinson, Justice F. W. Bissett, J. Ernest Richardson, and Dr. Lilo Holland, respectively, replied to the welcome on behalf of their classes. Mr. McInnes and Dr. Hicks reported briefly on the current situation of the University.

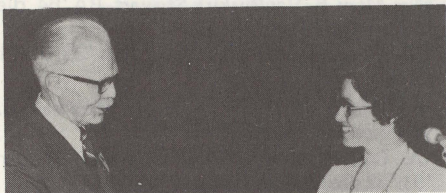
Reports were presented by H. Larry Doane, Treasurer; Mrs. Peter Pronych, Associate Treasurer; Dr. G. Ross Langley, Medical Alumni Association; and Bruce G. Irwin, Director of Alumni Affairs. The minutes of the 1973 meeting were presented by Mrs. John Curry. Mrs. Teed, who was also the president of the Women's Division, presented both the report of the President and that of the Women's Division. The minutes and all reports were approved as presented.

A change in the Association by-laws, dealing with the amalgamation of the University and the Nova Scotia Technical College, was approved by the meeting. The revision was an addition to Clause 3, MEMBERSHIP IN THE ASSOCIATION, and read:

3.0 (4): Any person who is a graduate of the Nova Scotia Technical College and who is not already a member of the Association, may elect to become a member of the Association.

This clause shall become effective on and not before the effective date of a proposed amalgamation of Dalhousie University and the Nova Scotia Technical College.

The new officers of the Association are: John R. Grant, President; Mrs. Michael Kirby, 1st Vice-President; George T. H. Cooper, 2nd Vice-President; W. Struan Robertson, Past President; Mrs. Lionel Teed, Past 1st Vice-President; Mrs. John Curry, Secretary; Duncan MacGregor Murray, Treasurer; and Mrs. Peter Pronych, Associate Treasurer.



(5) In recognition of his contributions to the Association, Past Honourary President Murray M. Rankin was given an honorary life membership in the Association.

## dalumni

### PERSONALS

#### ■1899-'39

'19...**The Reverend John Sutherland Bonnell**, Minister Emeritus of the Fifth Avenue Presbyterian Church, New York, has recently been serving as minister of preaching in the North Avenue Presbyterian Church, New Rochelle, New York. On a former occasion, Dr. Bonnell came out of retirement to serve three years as President of the New York Theological Seminary.

'24...**Dr. Horace Read**, LLB, was made an Officer of the Order of Canada during a ceremony in Ottawa in the Spring. He was chairman of the Nova Scotia Labour Relations Board from 1950-'72 and served as a former dean of law at Dalhousie as well as vice-president of the University from 1964-'69.

'36...**Dr. Michael Disick**, DDS, was elected a Fellow of the Royal Society of Health in England in March, 1973, and a Fellow of the Academy of General Dentistry in the United States. He practises in Scarsdale, New York.

'39...**Sister Catherine Wallace**, OC, BA, PhD, DCL, former president of Mount Saint Vincent University, has resigned that position to take up her duties in Fredericton as Chairman of the Maritime Commission of Higher Education. Recently she was elected a director of the Canadian Imperial Bank of Commerce. She holds honorary degrees from several universities, her latest being one awarded by Dalhousie in May, this year.

#### ■'40-'49

'44-46...**William A. White**, Sp. Arts, has been appointed executive director of Public Affairs with the Workmen's Compensation Board of Ontario.

'48...**Cyril Gaum**, DDS, is acting chairman of the Department of Endodontics, graduate and undergraduate, Tufts University School of Dental Medicine.

#### ■'50-'59

'57...**Dr. Peter Fillmore**, BSc, MA '60 (Minn) PhD '62 (Minn), professor of mathematics at Dalhousie University, delivered the first in a series of 1973-74 Killam lectures at the University in February this year. A native of Moncton, Dr. Fillmore joined Dalhousie in 1972 and was appointed Killam research professor in mathematics.

'50...**William A. Tomblin**, BA, LLB '52, joined the Dalhousie of Law as a professor. A native of Sydney, he has been practising law in Calgary for the past 11 years.

'57...**Professor Murray Fraser**, BA, LLB '60, LLM '62 (Lond.), former associate dean of the Dalhousie Law School, has been appointed dean of the newly-established Faculty of Law at the University of Victoria, B.C. For the past year he has been on leave from Dalhousie as a research officer with the Law Reform Commission of Canada, in Ottawa.

'58...**Dr. Richard M. Bird**, BA, PhD (Columbia), is at present at Bethesda, Maryland. A professor of economics at the University of Toronto, he has been on leave for two years working for the International Monetary Fund in Washington.

'58...**James Burchill**, BA, Mus. M. (Indiana), recently completed the degree of MA (Rochester) in music. He is continuing part time work toward his PhD.

'59...**Dr. Barry L. Lewis**, MDCM, has been appointed Chief in the Department of Radiology in Community Hospital of San Diego, California.

'59...**Dr. Vivienne M. Cowlshaw**, DDS, is now practising oral surgery in Southport, Gold Coast, Australia. She says she is kept busy in "Australia's fastest growing city". Her hobbies are raising two teen age daughters, two small boys and two cats.

#### ■'60-'69

'63...**Dr. Allen Cohen**, BSc, MD '68, has been awarded a \$11,000 research grant at the annual meeting of the Kidney Foundation of Canada in June. He is a Halifax nephrologist and is on the staffs of the Victoria General Hospital and the Dalhousie Medical School.

'63...**David D. Archibald**, BA, LLB '66, has been appointed to Gulf Oil Canada's Law Departments in Toronto and Montreal as Associate General Counsel. He was formerly a solicitor in the Law Department of the Calgary office.

'65...**Dr. Judith (Hammerling) Gold** received a Medical Research Council Fellowship which began in August, 1973. She is working in the Department of Psychological Medicine in the Welsh National School of Medicine, University of Wales.

#### ■'66...

'66...**Dr. Meng H. Tan**, BSc, MD '67, has been awarded a Centennial Fellowship by the Medical Research Council for 1974. He will be working for one more year in the Cardiovascular Research Institute of California (San Francisco) under Dr. R.J. Ravel.

'66...**Christopher Severance**, BEd, has resigned as Director of the Miners' Museum, Glace Bay, N.S., to take up the position of Curator of Historical Museums for the London Public Library and Art Museum in London, Ontario.

'66...**Dr. Russell Webster**, MD, of Saint John has become a Fellow of the Royal College of Surgeons of Canada in obstetrics and gynaecology. Before returning to practice in Saint

John, N.B., he will receive further training at the Institute of Obstetrics and Gynaecology of London University, England.

'66...**Maury Epstein**, BSc, MA (McG), is now assistant Director of Personnel, Eastern Quebec Regional School Board in Sillery, Quebec. He is completing study for his PhD. at George Peabody College for Teachers.

'67...**Robin Hennigar** Dip. Eng., formerly of Chester, has been appointed as supervisor of industrial engineering for Copper Cliff copper and nickel refineries and the iron ore recovery plant. He joined the International Nickel Company of Canada in August, 1973.

'67...**Richard William Fry**, Dip. Eng., of Halifax, and his wife have both joined CUSO and are teaching in Zambia for two years. Richard is electronics teacher at the Zambia Institute of Technology.

'68...**George W. Archibald**, BSc, has received his Ph.D. from Cornell University and is now a co-partner in International Crane Foundation Company in Baraboo, Wisconsin.

'68...**Claudette J. Callbeck**, BA, MA '70, has accepted the position of Corporations Research Officer with the Department of the Provincial Secretary, Charlottetown, PEI.

'68...**Donald R. Bulpin**, BSc & Eng., BEng (NSTC) and his wife, the former **Pamela M. Smith**, BA (York), MSW '70 (Dalhousie), who were married in Halifax, December 27, 1973, are now living in Northumberland, England. David has transferred from Alcan Kitimat, BC, to Alcan, (UK) Lynemouth, in the production department. He writes that letters and visitors are most welcome. His address is c/o Alcan (UK) Limited, P.O. Box No. 6, Ashington, Northumberland, England, NE63 9Yh.

'66...**Martin B. Frank**, BA, BEd '67, received his diploma in Photographic Arts (Portraiture) from Ryerson Polytechnical Institute, Toronto, in May, 1974.

'69...**Edward B. Chase**, LLB, has been elected president of the Acadia University Alumni Association for a two year term. He is a member of the law firm of Taylor, MacLellan and Cochrane, in Kentville, N.S.

#### ■'70-'73

'71...**John S. Foster**, Dip. Eng., BEng. (NSTC) '43, B. Eng. (NSTC) '46, D. Eng. (Hon) (Carleton) '67, D. Eng. (Hon.) (NSTC) '67, has been elected a Fellow of the Royal Society of Canada. Dr. Foster is Vice-President of Power Program Atomic Energy of Canada Limited, in Ottawa.

'72...**Friedhelm Roth**, LLB, was called to the Bar this Spring and is now associated with the law firm of Greer, Allore, in Oshawa, Ontario.

'72...**Dr. Paul E. Belliveau**, PhD., is head of the Atlantic Region Analytical Services Division, Water Quality Branch, Inland Waters Directorate, Department of the Environment, in Moncton. He is married and has two daughters. He is also aide-de-camp to the Lieutenant Governor of New Brunswick.

'72...**Larry Baxter**, BA, is at present a youth worker with the Red Cross Program for elementary and high school students in Cape Breton. He is living at 340 Reserve Street, Glace Bay.

'73...**Richard Curtis**, MLS, has taken a position as librarian of the College of Trades and Technology in St. John's, Newfoundland.■

## BIRTHS

**Mel Glustien**, BSc '69, and Mrs. Glustien (**Judy Briggs**, BSc, Pharm. '68), in Ottawa, February 5, 1974, a son.

**Dr. David Deating**, MD '73, and Mrs. Keating (**Barbara Collins**, BA '69), in Halifax, January 15, 1974, a son.

**Dr. Gerald Burns**, MD '68, and Mrs. Burns, in Halifax, March 12, 1974, a son.

**Dr. Allan Cohen**, BSc '63, MD '68, and Mrs. Cohen (**Annalee Kohler**, BSc '67, PhD '71), in Halifax, March 20, a daughter.

**John P. Parker** and Mrs. Parker (**Sharon Ann Brookbank**, BA '70), in Halifax, March 17, 1974, a son.

**Dr. Alexander Murray**, MD '70, and Mrs. Murray, in Pictou, March 18, 1974, a daughter.

**Dr. Sankar Ray**, PhD '71, and Mrs. Ray (**Anne Ravenscroft**, BA '68), in Halifax, March 23, a son.

**T. Lawrence Wood**, BA '64, BEd '65, MA '73, and Mrs. Wood (**Charlotte Wilson**, BEd '65), in Halifax, February 23, 1974, a daughter.

**John A. Grant** and Mrs. Grant (**Evelyn Fraser**, PHN '62), in Halifax, April 14, 1974, a daughter.

**Dr. Andrew B. Stewart**, DDS '71, and Mrs. Stewart (**Christine MacLaren**, BA '69), in Halifax, April 13, 1974, a daughter.

**Carmon Stone**, BA '65(K) and Mrs. Stone, in Halifax, April 13, 1974, a son.

**Laurie Hillis** (nee Publicover), BA '66, BEd '66 and the late **Eric S. Hillis**, BA '66, BEd '66, MA (Alta), in Edmonton, Alberta, April 15, 1974, a son.

**James Hughes** and Mrs. Hughes (**Mary Roberta Stephenson**, BEd '70), at St. Lambert, Quebec, October 25, 1973, a daughter.

**Glen Alan Smith**, BSc '71, LLB '74, and Mrs. Smith (**Gwendolyn A. Manning**, BSc '70), in Halifax, May 12, 1973, a son.

**Angel G. Miguelaner** and Mrs. Miguelaner (**Heather A. Cuthbert**, BA '69), in St. John, N.B., January 6, 1974, a daughter.

**Dr. H. Douglas Andrews** and Mrs. Andrews (**Pamela Young**, B. Nurs. '69) in Halifax, a daughter.

**Rickey Jin**, BSc Pharm. '72, and Mrs. Jin in Caraquet, New Brunswick, December 4, 1974, a daughter.

**Dr. Ian D. MacKay**, BSc '67 (D.V.M.), and Mrs. MacKay, in Halifax, May 19, 1974, a daughter.

**Dr. John Curry**, MD '67, and Mrs. Curry (**Donna MacRae**, BSc '62, MD '67), in Halifax, November 24, 1973, a son.■

## MARRIAGES

**Corinne F. Fleming**, BA '70, of British Columbia, to R. Bruce Murray, August 17, 1973.

**Sharon M.C. Chisholm**, BA '73, of Halifax to Jonathon Barry Bower, of Jordan Falls, December 23, 1973.

**Elizabeth Anne MacPhail**, Nursing '65, of Kentville, to Matthew Scholtz, of Tillsonburg, Ontario, April 20, 1974.

**Moiria Main McCulloch**, Scotland, to **Lawrence Spencer**, BSc '65, MS '69, of Halifax, May 4, 1974.

**Lillian Irene Bishop**, of Annapolis County, to **George Harry Sutherland**, B. Com. '69, LLB '72, June 1, 1974.

**Margaret C. MacDonald**, M.P.E. '72, of Stellarton, to Leo T. Gallant, New Glasgow, May 25, 1974.

Anne E. Kimber, Halifax, to **Andrew D. King**, BA '73, of Halifax, May 11, 1974.

**Mary C.S. MacDonald**, Halifax, to **Darrel B.M. Rivers**, BA '72, May 4, 1974.

**Jean L. Akin**, B.N. '72, to **Robert B. Gibson**, LLB '73, of Windsor, June 22, 1974.

**Pamela M. Smith**, MSW '70, Halifax, to **Donald R. Bulpin**, B.Sc. '68, Halifax, December 27, 1973.

**Isabel M. Grant**, Westville, to **Rev. W.H. MacLean**, BA '30, Scotsburn, April 24, 1973. We apologize to Mr. MacLean for our mistake in the last issue.

**Edith A. Tulloch**, BA '69, to Harris Sullivan, Halifax, April 20, 1974.

**Terrance M. Linden**, Phys. Ed. '72, of Halifax, to **Judy McCafferty**, of Moncton, in Wolfville, N.S., February 16, 1974.

**C.E. Coldwell**, BCom. '73, of Springhill, N.S., to **Mary Stephanie Reno**, Arts '72 of Halifax, in Halifax, September 29, 1973.■

## DEATHS

Mrs. H.P. Collins (**Elizabeth G. Colquhoun**, Pharm. '19-'22) died in Moncton, April 29, 1973.

**Dr. Samuel Gordon Somers**, Arts '28-'29, died in Brooklyn, New York, October 8, 1973.

**Lawrence Hinch**, Sci '44, died in Halifax, November 26, 1973.

**Arthur Stanley Douglass**, MDCM '32, died in Knowlton, Quebec, December, 1973.

**Dr. Richard O. Manahan** MDCM '33, died in Elmira, New York, December 24, 1973.

**Dr. George C. MacLeod**, DDS '30, died in Halifax, December, 1973.

Mrs. John Wilkinsoo (**Janet Mable White**, BA '19) died in Middle Musquodoboit, January 29, 1974.

**Dr. Joseph MacKay**, MDCM '18, formerly of Truro, died in Montreal, February 24, 1974.

**Fred A. Warner**, Arts '11-'12, died in Halifax, February, 1974.

**Seddon V. Rountree**, BA '52, MA '57, died in Halifax, February 12, 1974.

**David F. Clark**, BA '68, died in Dartmouth, February 5, 1974.

**Eric Stanley Hillis**, BA 'Ed '66, MA '72 (Alta), formerly of Halifax, died in Edmonton, Alberta, March 5, 1974.

**Roy McKeen Wiles**, BA '27, PhD. LLD, died in Ottawa, March 10, 1974.

**Dr. Kenneth A. Baird**, MDCM '19, died in Saint John, N.B., March 20, 1974.

**Ernest W. Foote**, Sci '26-'27, died in Halifax, March 30, 1974.

**George C. Beatteau**, BSc '33, died in Saint John, March 8, 1974.

**Miss Mary F. VanBuskirk Stewart**, BA '64, died in Toronto, March 28, 1974.

**The Reverend John Nicholson**, Arts '23, died in Halifax, April 11, 1974.

Mrs. Alastair MacKinnon, (**Ruth MacPhail**, BA '21) died in Montreal, April 11, 1974.

**Lt. Col. Gordon Carrington Smith** Sp. Arts '31-'32 died in Halifax, May 14, 1974.

**Dr. Weldon A. Harnish**, DDS '38, died in Halifax, April 16, 1974.

**Dr. Ralph M. Langille**, DDS '24, died in Halifax, April 25, 1974.■

# DALHOUSIE ANNUAL FUND

Gifts are deductible for income tax purposes.

Cheques should be made payable to **Dalhousie University**, except by residents of the United States, who should make their cheques payable to **The Dalhousie University Foundation, Inc.**

Total Gift:\$ \_\_\_\_\_  
Enclosed:\$ \_\_\_\_\_  
Balance:\$ \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

To be paid in \_\_\_\_\_

Gifts may be designated as follows:

Unrestricted \_\_\_\_\_  
Law \_\_\_\_\_  
Medicine \_\_\_\_\_  
Dentistry \_\_\_\_\_  
Other \_\_\_\_\_

Arts & Science \_\_\_\_\_  
Graduate Studies \_\_\_\_\_  
Health Professions \_\_\_\_\_

**SUPPORT  
THE  
ANNUAL  
FUND**

Alumni should return this gift card to the Alumni and Fund Office, Dalhousie University, Halifax, Nova Scotia **except** residents of the United States who should return their gift card to Mr. Howard C. Glube, Treasurer, The Dalhousie University Foundation Inc., 5101 39th Avenue, Long Island City, New York, N.Y. 11104

## RESIDENCE ROOMS:

**Howe Hall or  
Shirreff Hall**

Alumni wishing to donate a room in Howe Hall or the new wing of Shirreff Hall are asked to send their cheques for \$300.00 payable to "Dalhousie University" to the Alumni Office along with the inscription they would like to have on the plaque for their room.

United States residents should make their cheques payable to "Dalhousie University Foundation, Inc." and mail them to Mr. Howard C. Glube, Treasurer, 5101-39th Avenue, Long Island City, New York, N.Y. 11104.

## ROOM DONATIONS:

Howe Hall

Number of rooms previously reported	82
Additional rooms furnished	0
<b>Total</b>	<b>82</b>

Shirreff Hall


Number of rooms previously reported	38
Additional rooms furnished	0
<b>Total</b>	<b>38</b>

## 1973 CONTRIBUTIONS

### Dalhousie Alumni Annual Fund

	Donors	Amount
Unrestricted—General Operating Account	598	\$21,954
Special Projects & Gifts	45	4,289
Arts & Science	83	1,888
Law School	92	6,858
Medical School	206	19,744
Dental School	76	4,398
Graduate Studies	28	587
Health Professions	71	1,236
<b>Totals</b>	<b>1,199</b>	<b>\$60,954</b>

# **dalhousie alumni news**

	Canada Post	Postes Canada
	Postage paid	Port payé
<b>Third Troisième class class 599</b>		
Halifax, N.S., Canada		

Dalhousie Alumni Association  
Alumni Office  
Dalhousie University  
Halifax, Nova Scotia, Canada  
Telephone (902) 424-2071

Return Postage Guaranteed

