



## \$500,000 bequest

Bequests totalling nearly \$500,000 have been left to Dalhousie University by Dr. Elizabeth Kilpatrick, who graduated from the medical school in 1915 and became a prominent psychiatrist in the United States, it was announced yesterday by the president, Dr. Henry D. Hicks.

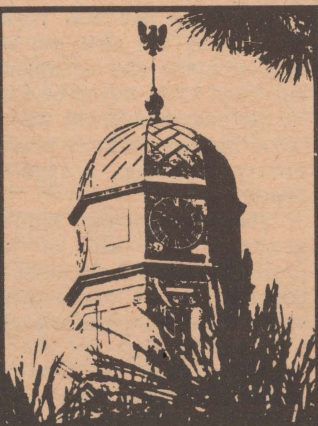
Dr. Kilpatrick, who retired from her New York post in 1959, returned to Nova Scotia and for seven years was a part-time psychiatry teacher at Dalhousie. She died in 1969.

Dr. Hicks said the bequest, a most generous and welcome one, would be used to assist the teaching program for medical students in the outpatient departments and psychiatric clinics affiliated with Dalhousie, in the training of young psychiatrists, and for cancer research. He emphasized, however, that only the income from the bequest would be used, and the capital would remain in trust. See also page 2.

Dr. Elizabeth Kilpatrick

## university news

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The Canadian University Nursing Students' Association held its annual meeting at Dalhousie last week. Three of the delegates were, left to right: Margaret Fitch, Fran Evans and Cathie Henley. Miss Henley was chairman of the organizing committee for the conference.

## 100 classes to be offered

Dalhousie and Mount Saint Vincent Universities will offer over 100 classes in 25 disciplines during two summer sessions as part of their combined summer school operation.

The co-operative program, which is a continuation of an integrated venture begun last year, was established to provide a sound educational and financial arrangement and at the same time make a three-year projection of class offerings available to students.

This arrangement was also designed to assist adults in the community who are working toward a degree over an extended period of time.

Special features of the summer session program include a class in comparative education to be conducted at Dalhousie and the University of Bristol, England; a six-week Family Life Institute

offered at Mount Saint Vincent; and a number of mathematics classes which will be available through the Canadian Mathematical Congress session taking place at Dalhousie.

The comparative education class will examine the significant elements and general policy of the British educational system. It will look at the historical development; the present method of administration and financing, the kinds of programs offered, the training of teachers and some recent curriculum reforms. Enrolment is limited to 20 persons. Classes will be conducted at Dalhousie May 22-June 8 and at the University of Bristol June 30-July 14.

The Family Life Institute first offered in the summer of 1972, will provide an integrated series of lectures and discussions on the growth of the child, the stages of

development within the social context of the family and the community and social problems as they relate to the family.

The Canadian Mathematical Congress scheduled for Dalhousie during July and August will offer six credit classes in the areas of calculus, logic, geometry, statistics and computer science.

The first session will be held from May 22-June 29 and the second from July 3-August 17. Classes will be given during the day and early evening at both institutions. No classes will be cancelled because of limited registration.

For information on admissions, fees, counselling and accommodation, write or phone the Director of Summer School at Dalhousie or Mount Saint Vincent.

# INTRODAL

## March 2 & 3 '73

Introdal '73, this year's open house at Dalhousie, will be held on March 2 and 3.

Many areas of the campus will be open for the public to tour and inspect. The "lower" or "medical campus" is planning displays on the various aspects of the health professions. For example, pharmacy is producing an extensive display involving such exhibits as drug manufacturing and dispensing and an exhibit involving V.D. and its drug therapy.

On the main campus, many of the buildings will be open with displays, demonstrations, and tours arranged by the departments, clubs, and societies at Dal. The central information centre will be located in the main foyer of the Arts Centre.

All participating groups will have booths displaying literature concerning their function at Dal. Representatives will be present to answer any questions the public might have.

The other, more technical, displays will be located in the various buildings on campus such as the Dunn, Life Sciences, and Student Union Buildings.

Mount Saint Vincent will be taking part this year with a large exhibit in the Arts Centre. The Nova Scotia College of Art and Design will also be opening its facilities to the public.

The University of King's College is sponsoring a "Kingsting" which includes a Panzer Blitz Tournament; free lunch for high school students; the "Tea House of the March Moon", with exotic teas and coffees; a display of extremely rare books; and several social events. It's quite an undertaking and a great contribution to Introdal.

Other services provided to make the visitors' stay an enjoyable one are baby-sitting, guides, and refreshments.

Student Services is planning an extensive program illustrating its contribution to Dalhousie life. Of special interest to potential Dal students will be the fact that representatives from Student Aid will be on hand to answer questions concerning student loans and bursaries.

Introdal '73 is building around the theme of "Dalhousie Old and New", and among those people taking part is Dr. Luther MacKenzie of the Class of 1901.

University News will publish a special guide for Introdal '73 giving full details of the events. Watch for it next week.

## Library School accredited

Dalhousie's School of Library Service program has been granted accreditation by the American Library Association, the association announced last week.

The ALA is the recognized accrediting agency for graduate programs in librarianship in Canada and the United States. Dalhousie's is the 58th program to receive the recognition and the seventh in Canada.

The accreditation is retroactive to the 1970-71 academic year during which period the first Masters of

Library Service degrees were conferred by the university.

The School of Library Service began operation in September, 1965, and to date 65 M.L.S. degrees have been awarded.

Dalhousie graduates have obtained library positions in all provinces, except British Columbia, and in the United States and Algeria.

The school has 64 full-time and four part-time students enrolled in this academic year.

## Dental school: no funds

Dalhousie does not have the financial resources to build a badly needed new dental school, university president Dr. Henry Hicks said this week.

"We feel it is no longer possible for a private university to finance the capital and operating expenses for medical or dental schools," he said.

"As far as the university is concerned, we have taken the view that we cannot raise any significant part of the capital for the construction of a new dental facility," he added.

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## Phi Kaps mark anniversary with reunion

A former industrialist from Toronto, a chartered accountant from Bermuda, an engineer from Halifax, a barrister from Montreal.

What have they got in common? They're all professionals. They're all alumni of Dalhousie University but, more to the point, they are members of the Phi Kappa Pi Fraternity's Dalhousie chapter, Zeta Gamma, which recently celebrated its 50th anniversary with a highly successful four-day reunion in Halifax.

And among the 200 members attending the reunion was Henry (Gus) Borden, past-president and chairman of Brazilian Traction, who was responsible for the establishment of the Dalhousie chapter of the fraternity in 1923.

Mr. Borden, who obtained his BA from McGill University, studied law at Dalhousie for two years (1922-24) and then, as a Rhodes scholar, graduated in law from Oxford. He formed a group of alumni into a chapter which was granted a charter by the fraternity; the chapter was the first fraternity group on the Dalhousie campus.

The new chapter's early years, in rented houses, were not always stable. On one occasion, the chapter was without furniture until a professor (an associate member of the fraternity) came to the rescue. On another occasion, when the lease ran out, the furniture

spent a night on the street while the members hunted for new premises. Another tale has it that one winter the members lived on beans and potatoes supplied by the farmer father of one of the group, supplemented by preserves put up the previous summer by Henry Borden.

Frat houses rented by the chapter were on LeMarchant Street, Morris Street, and Coburg Road. A victim of the depression and the war the chapter was inactive until 1946, when it was revised in co-operation with the former Beaver Club of King's College.

In 1950 the chapter's housing problem was removed when it rented a house on Robie Street; in 1954 the chapter bought the house and since then has been relatively stable.

Until 1959, the Dalhousie chapter was the only one in the fraternity without a Greek name. It adopted the letters Zeta and Gamma — Zeta to mark its being the sixth chapter to adopt a Greek name, and Gamma standing for the third chapter to join the fraternity.

Phi Kappa Pi has had an excellent record in formal student activities and has produced many scholarship winners; member Alexander McKenzie also won a Rhodes Scholarship and is now studying at Oxford.

Three Phi Kaps have been university presidents; more than 50 have occupied teaching posts at Canadian universities. The conductor of the Toronto Symphony Orchestra and the former curator of the Toronto Art Gallery are Phi Kaps, as were a federal cabinet minister and a Supreme Court Justice.

Phi Kaps have filled many posts in the business world: Henry Borden of Brazilian Traction; J. W. G. MacDougall, executive vice-president of CN; Finlay MacDonald, Arthur Patillo, H. P. Connor, A. Gordon Cooper, and many others.

The fraternity involves itself in community work, both directly and indirectly. Through inter-fraternity competitions, it takes part in fund-raising, blood donor drives, and in assisting charitable organizations.

The Dalhousie chapter, which admits 15 new members each year, now has more than 500 members in all parts of Canada.

The 50th anniversary reunion celebrations marked the end of a year-long planning effort by the members of the fraternity in the Halifax-Dartmouth area.

Largely comprising social activities, the reunion's four-day program included a theatre party, a tour of the city and the university, the annual ball, alumni annual meeting and the annual meeting of the active chapter, and reception and dinner at Shirreff Hall.

Chairman of the reunion planning committee was Gordon D. Stanfield, president of Starr Manufacturing Ltd.

## Mount, Dal students in CUNSA posts

Students from Mount Saint Vincent and Dalhousie were elected to major posts in the Canadian University Nursing Students Association at the group's annual meeting at Dalhousie.

Jo Brazil, a Mount student, was elected national chairman of the association while Glenda Doucet of Dalhousie was elected Atlantic regional chairman.

## Government cheques must be picked up

Students who have not claimed their government bursary cheques from Nova Scotia or New Brunswick are urged to do so by Friday, Feb. 23, at the Awards Office in the A & A Building.

Unclaimed cheques will be returned to the provincial government after that date.

## University News

University News is published fortnightly by Dalhousie University, Halifax, Nova Scotia; it is produced by the University's Information Office and printed by The Dartmouth Free Press Ltd.

Inquiries and contributions should be addressed to: The Editor, University News, Information Office, Dalhousie University. Deadline for material is the Friday preceding publication.

University News staff: Editor, Maurice MacDonald; General News, Roselle Green.

## Dr. Kilpatrick a pioneer

Dr. Elizabeth Kilpatrick was a pioneer.

When she died in her native Nova Scotia at the age of 77, the *American Journal of Psychoanalysis* said she was "not only our colleague and teacher, but also our dearest friend."

"When she left New York in 1959, many felt that the very special place she occupied in our lives could never be filled. To her analysts, she was the 'good mother,' always present, always listening, always accepting ...

"She was unfailingly kind and gracious in all of her professional and personal encounters ... she maintained a spirit of fresh delight in people, places and things ...

"There was a sense of abundance about her which made her company especially pleasurable. Those who had the good fortune to have known her felt not so much the loss at her passing, but more of a feeling of enhancement in the knowing."

Dr. C. B. Stewart, now Vice-President (Health Sciences), was Dean of Medicine during Dr. Kilpatrick's years in the 1960s with the medical school's department of psychiatry.

He recalls that "her important contribution to psychoanalysis and child psychiatry made her a very

valuable addition to the staff of the medical school ... and she was also a very charming lady."

To Dr. R. O. Jones, head of the Psychiatry Department, "Dr. Kilpatrick was an adventurous pioneer."

"She was a woman who demonstrated quite clearly that it was possible to succeed in a man's world and to gain the respect and love of her colleagues of both sexes and still maintain her femininity and the special warmth of a mothering person.

"Following graduation at a time when it was a pioneering step for a person of either sex, she went on to specialize in psychiatry and later, still as an adventurous pioneer, she turned to psychoanalysis and became a student of Freud and started a personal analysis of the classical Freudian type.

"She became dissatisfied with what she seemed to be achieving with this kind of analysis and in the early 1930s went to hear another famous psychiatrist, a woman, Dr. Karen Horney. Dr. Horney was an earlier follower of Freud who had fled to America from Nazi persecution.

"In America, Dr. Horney, was one of the few who had the courage to find fault with the master, after their experience

in this new country led them to believe that the rather rigid formulations worked out in a father-centred, German-oriented European culture did not apply to a new world in the midst of a depression and with very different attitudes regarding the right of father to dominate, woman's place, and so on.

"Thus Dr. Horney became one of the founders of the so-called neo-Freudian school on this continent, and developed the Horneyian school of analysis which remains influential to this day.

"Dr. Kilpatrick was so impressed by the new insights that Dr. Horney presented that she discontinued her work in the classical Freudian school and started a personal analysis along Horneyian lines. She remained an important member of the Horney group for the rest of her career.

"Incidentally, another prominent adherent of the Horney school, Dr. Isadore Portnoy, is a Dalhousie graduate (1937).

"On retirement Dr. Kilpatrick and her sister decided to make their home in Halifax and despite the fact that she was of an age when most are content to give up professional duties and responsibilities, Dr. Kilpatrick immediately resumed hers in her new environment.

"She became a respected and much beloved friend to all the members of the department; she brought new insights to our professional work; she brought new skills to the treatment of many difficult patients; she was a warm friend to many of us, she graced our social occasions and became part of the family in a very short time.

"Most important, however, she served as a refuge for many a student puzzled and bewildered by the seeming criticism and aggressiveness of the male members of the staff.

"I am sure that there are half a dozen classes of psychiatric residents who would testify much more eloquently than I can of the learning obtained from Dr. Kilpatrick, but much more important, of the support and comfort that she could give from a unique combination of her professional skills and her warm motherliness.

"We in the department profited much from her stimulation, her new and frequently different kind of knowledge and more particularly from her being a warm, human person. She certainly left her mark on the practice and profession of psychiatry at Dalhousie and in Nova Scotia."

## Native of Sydney

Dr. Elizabeth Kilpatrick who bequeathed \$500,000 to Dalhousie was a native of Sydney and graduated from Dalhousie with her MD, CM, in 1915 and served internships at Detroit Women's Hospital and New England Hospital for Women and Children in Roxbury, Mass.

She also served in a number of psychiatric hospitals (North Hampton State, Nova Scotia, Boston Psychopathic, and New York) between 1916 and 1928. In 1924 she returned to school for a year, obtaining her MD from Long Island College of Medicine.

From 1925 to 1938 Dr. Kilpatrick worked as a psychiatrist at the New York Hospital and began her analytic training at the New York Institute for Psychoanalysis. During that time she was also a lecturer in mental hygiene at the Teachers' College of Columbia University. She completed her analytic training at the American Institute for Psychoanalysis in 1942, after which she joined the staff of the Institute as a lecturer and training and supervising analyst.

On the death of Dr. Karen Horney in 1952, Dr. Kilpatrick assumed the Deanship of the Institute. She was also on the staff of the Westchester division of the New York Hospital, the Vanderbilt Clinic, and the Payne-Whitney clinic until 1959, when she returned to Nova Scotia.

She served the Association for the Advancement of Psychoanalysis in many capacities, including the presidency, and when she left the United States, was elected an honorary member.

She was also associated with other organizations: a life member of the American Psychiatric Association; charter fellow of the Academy of Psychoanalysis; charter member of the American Association of Existential Psychology and Psychiatry; and life member of Dalhousie Medical Alumni Association.

Dr. Kilpatrick joined the Faculty of Medicine at Dalhousie as a lecturer in 1960, and conducted a private part-time practice in Halifax, retiring in 1968.

## Diplomacy, revolution discussed

Two recent seminars in the African Studies series have included presentations by M. J. Cousineau on the OAU and African Diplomacy, and by Prof. Rowland Smith of Dalhousie's English Department on the Provincial Revolutionary.

The talk by M. Cousineau, presently a Foreign Service Visitor at the Université de Montreal, was co-sponsored by

the Halifax Branch of the Canadian Institute of International Affairs. His most recent posting with the Department of External Affairs was at Canada's embassy in Addis Ababa.

His presentation included an inside view of the origins, goals and functioning of the OAU and possible future developments in light of change within member African states.

Forthcoming meetings in the African Studies Seminar series include a presentation by Jan Jorgensen, Research Fellow in the Centre for Foreign Policy Studies at Dalhousie, on "Structural dependency and Uganda's economic foreign policy, 1964-1970." This presentation will be on Tuesday, Feb. 27 at 8 p.m. in Room 303, Arts and Administration Building.



Dalhousie's Bookstore, serving student needs to the tune of \$480,000 in texts and \$100,000 in school supplies during the 1971-72 year, faces two major problems — shortage of space and overly enthusiastic ordering of texts by professors.

Bookstore Administrator M. R. Bland points out that his operation has a total of 10,000 square feet spread over three locations — the main bookstore in the Chemistry Building, the Freshman bookstore in the Life Science Building and the College Shop in the Student Union Building. "This is about one half of what it should be," he says. According to figures from the university bookstore industry, 21,000 feet of space for a student population of 6,000 is considered an acceptable figure.

## Lack of space,

Adequate space is desperately needed for operating efficiency, proper shelving, display and offices, he said.

To illustrate, there is 200 square feet of space that serves as the bookstore's receiving area. During the summer months, when there is a large influx of supplies, there is barely enough room here for pricing let alone storing, and a large classroom has to be set aside for storage purposes. Because of lack of space, manning and refilling of shelves during the September rush period becomes an added problem.

## over-ordering

Another factor which hampers the bookstore operation is a tendency by professors to become overly zealous in ordering books. "In many cases their recommended reading lists are too large," Mr. Bland says, and the quantity sometimes exceeds the actual number of students who enrol for that particular course.

Difficulty in making textbook selections and the number of late orders means that the bookstore cannot guarantee that books will be on the shelf in September.

The beginning of each academic year is a peak sales period. The bookstore serves over 6,000 students through the main shop and the Freshman bookstore. There is little room for standing, let alone finding books according to Bland. One hundred persons are allowed in the store at a time. Restricted entry also helps to keep lines down at the cash registers. The bookstore in the Life Sciences Building takes some of the pressure off the regular bookstore by catering to freshmen only.

Other facets of the bookstore's operation include the College Shop, which stocks sundry items and caters to student needs for recreational reading; a special book order service (single orders) for the student and professional community and one that has doubled in volume in the past one and one half years; and a typewriter rental service on IBM Selectric II machines at competitive prices, which will go into operation about March 1.

## hamper store

A staff of 13 (including the administrator) oversees the purchasing, accounting, information and record keeping, warehouse and stationary duties. It provides a non-profit service within the university and any losses (which are not substantial in relation to the volume of business) are absorbed by the university.

Sales haven't gone down even though this year's enrolment is less than anticipated.

Students are spending more on books this year than last. The mark up on texts is about 25 percent and the average operating cost is about 26 percent.

Cost of shipping runs at about eight cents on the dollar. This, coupled with lack of space, and the distance from major publishing centres in Canada and the United States are among the reasons for not offering discount sales.

Scientific books go out of date very rapidly. Returning books to the publisher is possible within the limits of quantity and time.

"We try to buy in Canada and we support the Canadian wholesale book industry, as much as possible," says Bland. "At present we are purchasing books from 10 countries including the U.S., Mexico, Germany, France and Britain.

Mr. Bland who is a graduate in business administration from St. Francis Xavier University, finds his job rewarding, and looks forward to developing some new areas of interest within the operation.

# Phys Ed, Pharmacy heads among new appointments

The appointments of new directors for the Dalhousie College of Pharmacy and the Dalhousie School of Physical Education has been announced by university president, Dr. Henry Hicks.

Dr. Robert S. Tonks has been appointed director of the College of Pharmacy, effective July 1, 1973. Dr. Tonks received his Bachelor of Pharmacy from the University of Wales in 1951 and his Ph.D in 1954. Dr. D. K. M. Yung has been acting director of the college since the resignation of Dr. J. G. Duff last year.

Dr. Michael J. Ellis is the new director of the School of Physical Education. He is a graduate of the University of Illinois, having received his M.S. degree in 1965 and his Ph.D in 1968. Dr. E. G. Belzer has been acting director of the school since the resignation of Dr. A. J. Coles last summer. Dr. Ellis' appointment is effective

Aug. 1.

Among the other appointments announced by Dr. Hicks is that of Dr. John F. Nicholson as Assistant Dean of Medicine (Student Affairs and Admissions).

Dr. Nicholson who is Professor of Psychiatry is a native of Springhill and received his early education there and at Glace Bay. He graduated from Dalhousie with his B.Sc. in 1933 and his M.D.C.M. in 1937. Following general practice, military service and post-graduate study in psychiatry, he joined the Medical School in 1951.

The appointment of Dr. Fabrizio Aumento as chairman of the Department of Geology has also been announced.

A native of Rome, Italy, Dr. Aumento received his B.Sc. from the University College, London, England, in 1961 and his M.Sc. and Ph.D. from

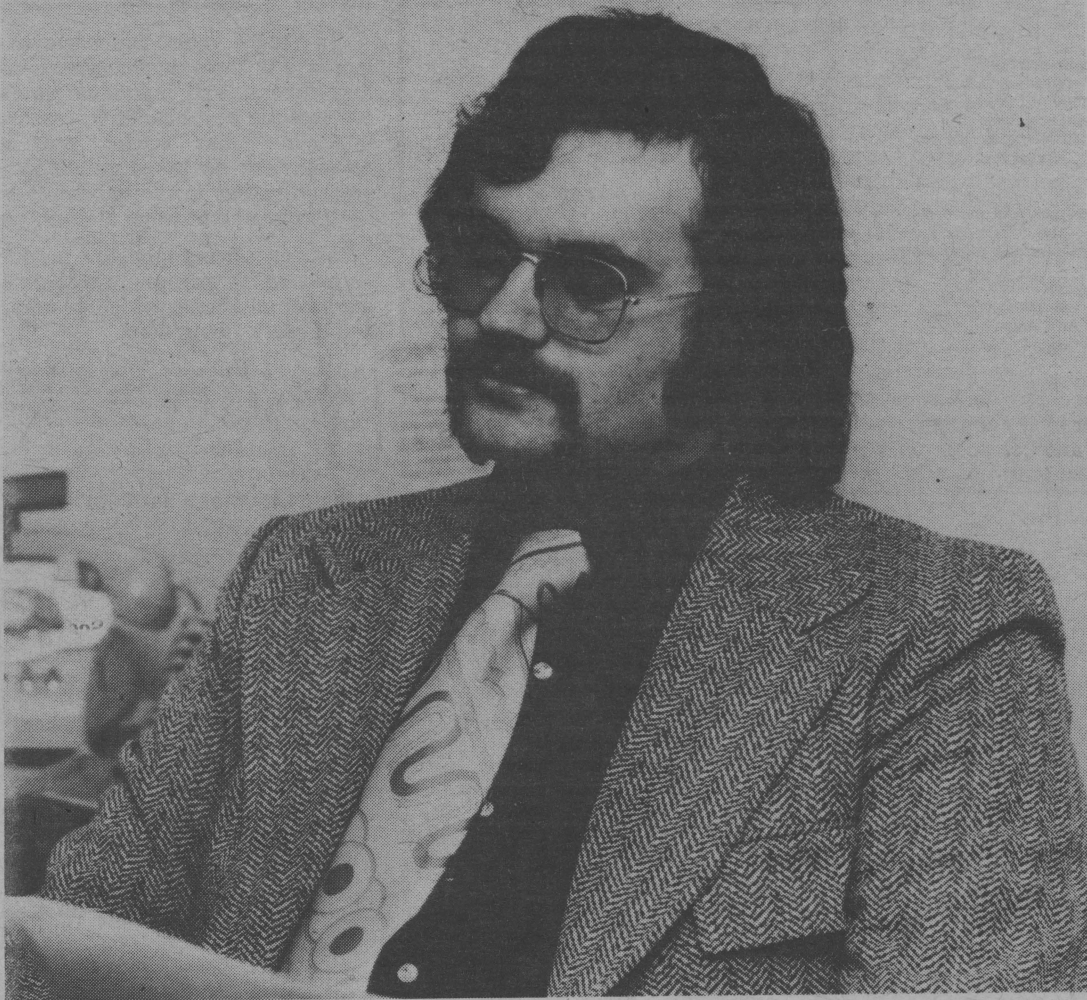
Dalhousie in 1962 and 1965. He was Senior Killam Fellow at Dalhousie in 1970-71. Prior to his appointment as chairman he was associate professor of geology and resident associate in oceanography.

Dr. Aumento succeeds Dr. Michael J. Keen who has assumed his new duties as Assistant Dean, Faculty of Arts & Science.

Administrative appointments include Intab Ali as acting director of the Dalhousie Computer Centre and G. David Noble as Dental Librarian.

Mr. Ali was formerly chief of program services at the computer centre. His appointment follows the resignation of Mrs. Elizabeth Payne.

Mr. Noble's appointment as dental librarian is effective immediately. He was formerly associate with the Killam Library.



M. R. Bland, bookstore administrator

## Three-day publishing conference

Specialists in communications, publishing, broadcasting, and writing, as well as representatives from libraries, government and the printing industry will headline the roster of speakers at a conference at Dalhousie, March 2-4.

The three-day conference, entitled Publishing In Canada: East Looks West, is being arranged by the Dalhousie Library and the university's School of Library Service. Financial support has come from the office of Secretary of State as part of Canada's contribution to International Book Year.

The conference, the second of its kind, will review the proceedings of the Institute on Publishing In Canada held last

year at the University of Alberta and determine the applicability of its recommendations to other regions of Canada and in particular the Atlantic provinces.

Prof. Louis Vagianos, director of communications and library services at Dalhousie, will give a talk entitled, In the Beginning, at the opening session of the workshop.

The following day (March 3) Vancouver publisher Kal Opre and Donald Cameron, freelance writer, broadcaster and former editor of the Mysterious East, will address the registrants. Their topics will be West Looks East and South, and East Looks West and South.

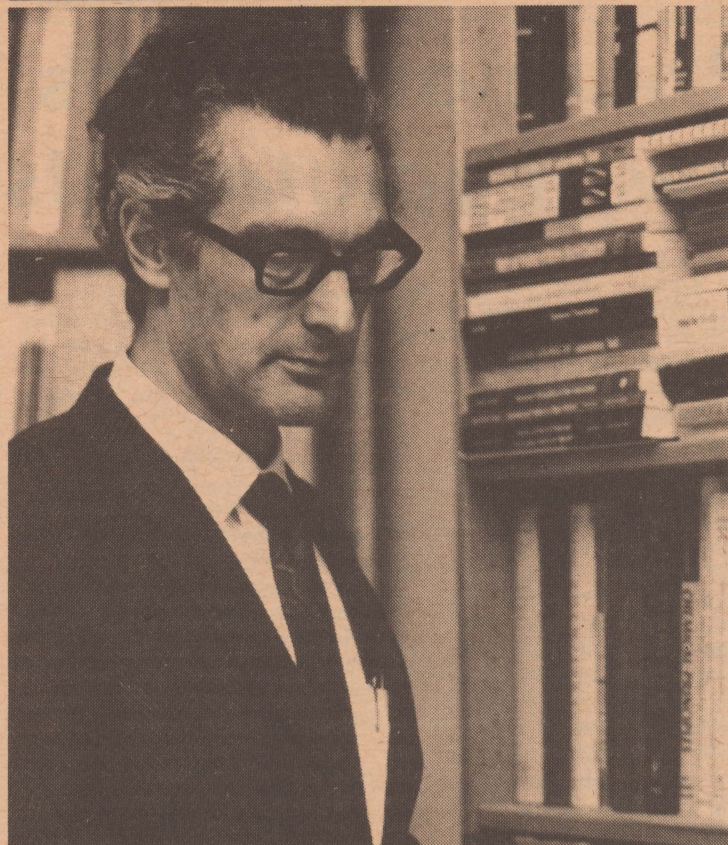
Luncheon speaker will be Robin Farr of the Canada Council.

During the afternoon, Richard Abel, a bookseller and distributor from Portland, Maine, will speak on: "An Outsider Looks Inside."

The sessions will conclude on Sunday, March 4, with a panel discussion entitled: "Can the Pie be Sliced Effectively." Moderator will be Prof. David Crook, from the university's school of Library Service and the Department of History. Panelists will be Robin Farr, Donald Cameron, Richard Abel, Kal Opre, Theodore Waller (Grolier Educational Corporations) and Terence Seary (McGraw Hill Ryerson Ltd.)

Conference planners have also arranged a special exhibit on Printing in the Atlantic Provinces.





Dr. K. T. Leffek

## Graduate Studies

# Research grants on the increase

Although enrolment of graduate students has declined, research grants to individuals and groups in the Faculty of Graduate Studies at Dalhousie University have increased substantially over the past year.

Dr. K. T. Leffek, Dean of the Faculty, said yesterday that the total amount in research funds from external granting agencies had increased by 16.7 per cent, from \$1,582,000 in 1971-72 to \$1,885,000 in 1972-73. The current year's figure does not include funds endowed to the university for research, grants awarded to members of the Faculty of Medicine, and university funds for research. (If those amounts were added, the total granted or available for research at Dalhousie would be over the \$3,000,000 mark).

In the following statement, with accompanying tables, Dr. Leffek gives his views on graduate enrolment, research grants, and job market difficulties.

"In recent years Dalhousie has enjoyed an increase in the research grants awarded to its departments and individual professors. While some of the best academic research costs very little in dollar terms, this increase can nevertheless be taken as an indication of increased vigour in the university and continued faith in graduate work at Dalhousie.

"Money is being spent in a productive manner, employing for example, research assistants and graduate students, which results in more and better work being done.

"While I am sure that the level of research grant income will continue to be substantial, we expect granting agencies to place more emphasis on research planning in the future than has been the case in recent years. During the last two or three years, government and private agencies have been awarding monies to research groups in the form of negotiated development grants. With such grants, the agencies say 'You already have the nucleus of a research group in this particular field, and we will provide you with enough funds for three years in order to develop and expand the nucleus into a centre of specialization. After that, the university must support the project from its own funds.

### Same level

"This is one reason why Dalhousie's own financial support of its graduate school is lower now than it was three or four years ago; but when some of the support from the negotiated grants ends, the university will have to continue the same level of support on its own.

"In the Trace Analysis Centre of the Chemistry Department, which was established with a \$359,000 negotiated National Research Council grant, we will finish up with a larger staff than we had, but the members of the Centre will not be engaged only in research.

They will be integrated as much as possible into the undergraduate and graduate teaching programs of the department even though we will have six analytical chemists in a department which has a teaching staff of about 20. If you have to teach almost the whole spectrum of chemistry, in order to produce well-rounded BSc honours graduates, then you have to balance the department as well as specialize.

"The Donner Foundation grant of \$300,000 with which we established the Centre for Foreign Policy Studies is an example of a similar grant from a private agency.

"Meanwhile, plans are being considered for negotiated grants involving other departments of the university.

"On inquiries and applications for enrolment, the accompanying table, which covers the period from 1969-70 to the present, indicates the sort of trends taking place. Canadian inquiries, for example, are not falling off to any appreciable degree, whereas the Afro-Asian inquiries show a distinct drop, while inquiries from the rest of the world are increasing.

"Of completed applications, we accepted 663 this year, more than ever before, but that 663

yielded only 281 new students who are currently registered. This is fewer than last year.

### High Quality

"The number of students who are applying to us are of high quality and, if anything, our admission standards are going up. Of course, a number who apply to us also apply to other graduate schools, and there may have been more such multiple applications this year than in the past. This tendency may explain, in part, the unusually wide gap between the expected and actual registration that occurred this year.

"Perhaps also students who apply here but go elsewhere are getting more attractive offers from other universities. I think Ontario and the West can offer slightly more money in the form of scholarships and stipends than we can, although we are much closer to them now than we were several years ago. However, our Killam pre-doctoral scholarships which are awarded only to students with first class undergraduate records, match in monetary terms scholarships given in other parts of Canada.

"The enrolment figures for the natural sciences (chemistry, physics, mathematics and geology) have been falling since 1969-70, probably because of the difficult job market, which is at last showing signs of improvement.

"The life sciences (anatomy, biochemistry, biology, microbiology, oceanography, pathology, pharmacology, pharmacy, physiology and psychology) figures seem to have been held up quite well and here, I think, the job market in the environmental field has been easier.

"The PhD enrolment in the humanities (English, history) has shown an increase, this year's figure being the highest recorded.

"Overall there is a decrease of 9 or 10 per cent in our full-time enrolment, but we have no idea whether this will be a continuing trend. My guess is that it will continue next year and then level off in succeeding years.

### National origin

"In the table showing the national origin of our students, more than half of the 943 total enrolment are from Nova Scotia, and almost 700 are from Nova Scotia and the rest of Canada. About half of the non-Canadian students enrolled come from countries where you would expect Nova Scotians to continue or complete their education — Britain, the United States, other parts of Europe.

"If you look at these figures from the point of view of our contribution to the under-developed parts of the world, we have little to boast about. We are educating one student from South America, 11 from the West Indies, and three from the Middle East. Africa is the only place from which our admissions are increasing and this may be because we now have quite a number of African studies specialists in various departments.

"In the next table we show the degrees granted. Nearly all our PhDs have been in the natural and life sciences, although this year we will see a number in the humanities. Of the PhDs who graduated this year, all the nine chemists were able to find jobs, and there were six biochemists graduating who also had jobs.

"The job market has been most difficult in the physical sciences, but I see some signs that this is easing. One feels a little more optimistic that the job situation will be reasonable in the life and social sciences, but in the humanities, positions utilizing fully the training of the PhD graduate are likely to be very difficult to obtain in the immediate future.

### Trauma

"It has been pointed out that there are benefits other than the acquisition of a job to people pursuing PhDs. This is true, but nevertheless a person invests a great deal of time and effort in acquiring a PhD and it is a considerably more traumatic experience for a PhD student than it is

Continued on Page 7

## Grad facts

TABLE I  
RESEARCH FUNDS

	1972-73	1971-72	1970-71
From external agencies (excluding Faculty of Medicine)	\$1,885,000*	\$1,582,000*	\$1,437,000
Dalhousie funds	160,000	191,000	200,000
Endowed funds (Killam Trust)	555,000	262,000	299,000
	\$2,500,000	\$2,035,000	\$1,936,000

\*16.7 per cent increase.

TABLE II

Inquiries and Applications	1972-73			
	1972-73	1971-72	1970-71	1969-70
<b>Inquiries</b>				
Canadian	2,257	2,569	1,837	1,338
Afro-Asian	334	705	1,119	1,215
Other	1,760	1,452	1,235	1,190
	4,351	4,726	4,191	3,743
<b>Completed Applications</b>				
Accepted	663	548	459	502
Withdrawals	76	57	40	54
Rejected	841	618	1,171	587
	1,580	1,223	1,670	1,143

TABLE III

Graduate student enrolments (full-time):	1972-73				1971-72				1970-71				1969-70			
	Master		PhD		Master		PhD		Master		PhD		Master		PhD	
1. Natural sciences	48	41	56	46	64	59	61	60	61	60	61	60	61	60	61	60
2. Life sciences	83	87	76	102	86	106	76	106	86	106	76	106	86	106	76	106
3. Social sciences	57	8	78	10	70	12	70	12	70	12	70	12	70	12	70	12
4. Humanities	101	44	127	35	129	34	139	26	139	26	139	26	139	26	139	26
5. Professional	223	-	233	-	202	-	149	-	202	-	149	-	202	-	149	-
	512	180	570	193	551	211	495	204	551	211	495	204	551	211	495	204
Annual total	692		763		762		699		762		699		762		699	
Natural Sciences	—Chemistry, Geology, Mathematics, Physics															
Life Sciences	—Anatomy, Biochemistry, Biology, Microbiology, Oceanography															
Social Sciences	—Pathology, Pharmacology, Pharmacy, Physiology, Psychology															
Humanities	—Economics, Political Science, Sociology															
Professional Programs	—Classics, Education, English, Romance Languages, German, History, Philosophy															
	—Business Administration, M.B.A./ LL.B., Law, Library Service, Oral Surgery, Physical Education, M.P.A., D.P.A., Social Work.															

TABLE IV  
Provincial Residence\* of Graduate Students  
(Full-Time and Part-Time)

	1972-73	1971-72	1970-71
Nova Scotia	536	608	568
Other Atlantic Provinces			
P.E.I.	17	15	25
N.B.	37	30	43
Nfld.	4	58	3
Other Canadian Provinces			
Quebec	19	16	19
Ontario	52	53	49
Manitoba	6	5	7
Sask.	9	7	4
Alberta	8	2	4
B.C.	4	11	14
N.W.T.	2	100	94
	694	750	739
Non-Canadian Citizenship			
United States	67	77	79
South America	1	5	3
Great Britain	46	51	55
West Indies	11	10	15
Europe	26	24	28
Middle East	3	2	5
Indian subcontinent	38	43	45
Africa	25	13	21
Asia	24	37	43
Australia/ New Zealand	8	8	6
	249	270	300

\*As given by the students at time of registration.

TABLE V  
DEGREES GRANTED

	1971-72		1970-71		1969-70		1968-69	
	Master	Ph.D.	Master	Ph.D.	Ph.D.	Master	Ph.D.	Ph.D.
1. Natural Sciences	24	15	31	19	22	5	25	6
2. Life Sciences	26	20	29	19	30	17	27	10
3. Social Sciences	21	1	23	0	31	0	7	0
4. Humanities	49	-	41	2	46	0	34	0
5. Professional Programs	85(4)*	-	93	0	55	0	9	0
	205(4)	36	217	40	184	22	102	16

(\*)Diplomas in Social Work and Public Administration



# INTRO DAL --What's on where

When Dalhousie University opens its doors to the public during IntroDal '73 on March 2 and 3, the event should be no less impressive than previous open houses because the physical format has been changed.

In the past, IntroDal has been campus-wide, with just about every building open to the public. This year, partly to improve the organization and partly to prevent visitors from being worn out by trying to see everything in a day and a half, the displays and demonstrations will be concentrated in seven main areas:

The Arts Centre, the Life Sciences Centre, the Burbidge Pharmacy Building, the Sir Charles Tupper Medical Building, the Dental Building, the Sir James Dunn Science Building, and the Chemistry Building.

With IntroDal '73 being held for two full days, instead of one and a half as in the past, the areas of interest to be visited can be equally divided. On the medical sciences end of the campus, in close proximity, are the Pharmacy, Dental and Tupper Medical buildings. At the other end, on the Studley campus, are the Life Sciences Centre and the Dunn Building, with the Arts Centre only a short walk east down University Avenue.

This year IntroDal isn't limited to only student organizations and departments of Dalhousie. Mount Saint Vincent, King's, and the

Nova Scotia College of Art and Design will all be taking part.

The Mount's display will be on the main floor of the Arts Centre; King's is initiating "Kingsting" comprising a number of events; and the College of Art will open its doors at its premises on the corner of LeMarchant and Coburg.

## WHAT'S ON WHERE

**Dalhousie:** The Sir James Dunn Science Building - in which the Geology department and club will both have displays, including the old standby, an active volcano model, minerals and fossils of Nova Scotia (including some you can take home), and a stream formation model. These will be on the third floor of the building, and Geology will have an information booth on the ground floor. The Engineers (engineering-physics) are planning a series of films and displays, including "Abacus to the Computer", on the second floor. The Physics department, on the first floor, will be playing computer games and electronic dice (among others), in addition to displays on absorption of nuclear particles and holography.

The three sections of the Life Sciences Centre - **Biology, Psychology, and Oceanography** - are planning displays. In addition, the Mathematics department, on the centre's fifth floor, will have movies, computer games. Biology will emphasize

genetics, ecology and information about Sable Island, and Psychology will cover a number of aspects of the science, including experimental brain surgery and brain electrode implantation techniques in animals.

In the tunnel connecting the Life Sciences Centre with the Chemistry Building, displays will be presented by the departments of Russian, German, History, Romance Languages, Political Science. The Russian Club will be performing folk dances; Romance Languages will provide a cafe and discotheque (and for those interested in the technical side of learning, the language laboratory in the basement of the Killam Library will be open, with representatives from German, French and Spanish in attendance.)

The Chemistry Department will also be open, with a variety of experiments set up in a number of laboratories.

On the Carleton campus, Pharmacy will have displays on drugs (prescription and over the counter types), venereal disease and lab experiments. Dentistry will show off its building and all that's needed to produce a dentist and dental hygienist, and the Sir Charles Tupper Medical Building will be open for tours.

In the Arts Centre, which was not completed at the time of the last open house in 1971, a number of events will be held. On the

main floor, Student Services and IntroDal Information will be located. Student Services representatives will be on hand to provide information and answer questions about student finances, student union activities, the awards office, chaplaincy services, health and psychological counselling, and so on.

The Theatre Department will present plays, in which students will take part, and will give the public an opportunity to see what its work entails. The humanities departments, English, Classics, Philosophy, will have displays on classical philosophy, literature and language, and history. The Music department is planning informal recitals and tours of the music facilities. The Art Gallery will also be open.

Nova Scotia College of Art and Design will open its doors to the public, and students there will be working on their various projects throughout the building.

King's will hold a Panzer blitz tournament (details later), and will provide lunch free to touring high school students. They will also set up a Teahouse of the March Moon, with exotic teas and coffees. King's library will be open with an exhibition of loyalist china and old books.

Throughout the two-day IntroDal, campus guides will be available, as will rest areas, refreshments, and a baby-sitting service.

## Diplomat's function aired

In an age of telex and jet travelling experts, does the resident diplomat still have a job to do?

That was the central question posed at an international seminar held at the Longboat Inn, Western Shore.

The subject, more formally described as "The Changing Role of The Diplomatic Function in the Making of Foreign Policy", took place under the auspices of the Centre for Foreign Policy Studies of Dalhousie University.

Participants included a member of the Cabinet staff, Downing Street, London, a foreign policy specialist from the University of Freiburg, West Germany, the economic adviser to the United States Information Agency, as well as representatives from the Canadian Departments of External Affairs, Industry, Trade and Commerce, and Manpower and Immigration in Ottawa.

The academic participants came largely from the Department of Political Science at Dalhousie, but included professors from Brookings Institution in Washington, D.C., Carleton University in Ottawa, and the University of British Columbia.

According to Gordon Hawkins, the Executive Director of the Dalhousie Centre who was also conference chairman, much of the discussion turned around the lessons to be learned from a British report on overseas representation known as the Duncan Report.



*THE BACCHAE* by Euripides will be presented by second year students from the Department of Theatre for four days, starting Thursday, Feb. 22 and running until Sunday, Feb. 25. In the above scene Pentheus, played by Morris Walker, is warned that if he persists in denying that Dionysus, played by Peter Mushkat, is a god he will be killed. This is the second major production of the year by second year students. Their previous undertaking, *Medieval Evening*, was an unqualified success. All performances will start at 8:30 p.m. in the Dunn Theatre, Dalhousie Arts Centre. Among the other students playing major roles in this production are Janet Moir as Agave and Mike Hovey as Cadmus.



## John McKayon European Tour

Concert pianist John McKay leaves Halifax next week for a two-week concert tour in Europe.

Widely acclaimed on previous European tours, and for his performances in Canada, Professor McKay will play at Canada House in London, and in Bonn and Madrid. His tour begins on Feb. 21.

Prof. McKay joined the Department of Music at Dalhousie University last summer to head the piano teaching program.

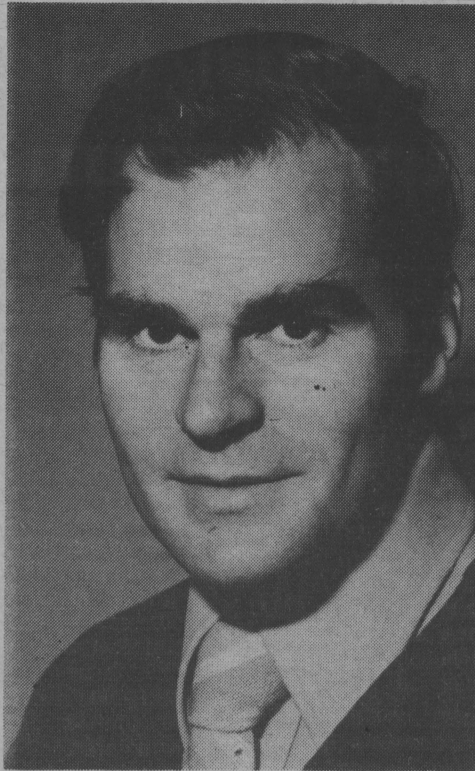
A native of Montreal, he studied with Lubka Kolesa at the Provincial Conservatory of Music from which he graduated in 1958 with a "Premier Prix avec Grande Distinction". The same year he won the grand prize in the Quebec Music Festival. In 1961 he obtained the degree of Bachelor of Music from McGill University, and was later invited to give the premiere of Clermont Pepin Toccata No. 3 on CBC TV, Toronto.

In 1962 Prof. McKay won the Prix d'Europe, a prize of \$5,000 awarded every two years by the Quebec government to an outstanding Canadian pianist. He then began a seven-year tenure in Europe, studying with Bruno Seidlhofer in Vienna and Cologne, and with Stefan Askenase in Brussels, with the aid of grants from the Canada Council.

In 1966 and 1968 he gave two European tours which brought him much acclaim from press and public. Prof. McKay returned to Canada for an extensive tour in the autumn of 1967, culminating with a performance of the Piano Concerto by Claude Champagne in Montreal's Place des Arts, on the occasion of the Centennial Concert presented by McGill University.

While abroad, Prof. McKay recorded solo programs and concertos for Radio KRO Hilversum, BBC London, West-Deutsche Rundfunk Cologne, and RTB Brussels. He is well known to Canadian audiences through his many recitals for the CBC over both English and French networks.

In the summer of 1969 John McKay returned to Canada with his wife, contralto Sara Hayden, and their two children, to join the Faculty of Music of the University of Toronto.



John McKay

In his three years in Toronto, he established a reputation as one of the outstanding teachers and pianists in the city. In three years he presented seven different recital programs including many works by Toronto composers (John Weinzweig, Oskar Movawez), and, last season, the complete works for solo piano by Johannes Brahms. This series of four recitals was presented by the Toronto Arts Foundation in the St. Lawrence Centre for the Performing Arts, and was, as far as could be ascertained, the first performance of this cycle in North America.

In 1970, he was the guest soloist of the Hart House Chamber Orchestra, under the direction of Boyd Neel, in a performance of the Piano Concerto No. 1 by Dmitri Shostakovich, thus increasing his identification with music of the twentieth century.

Prof. McKay is also well known as an adjudicator and examiner, and is a member of the board of examiners of the Royal Conservatory of Music, Toronto.

## Farnsworth's play, *Passion*, opens Feb. 22

PASSION; a play by David Farnsworth, will be premiered Feb. 22, 23, and 24 in the Rebecca Cohn Auditorium.

It will be directed by the author, and will include several local professional actors as well as students drawn from the Dalhousie Theatre Department.

"Passion" is a modern play, freely adapted into modern musical and speech idioms from Medieval Cycles of Mystery plays that dealt with the life of Christ. As a play for our time, it takes the central character and transposes his problems into modern terms. Jesus is the archetype of the man brought down by the established forces of society because of his belief in his fellow men. A belief that sees man himself as holy.

The analogies with rebels, past and present, are evident, from early martyrs to Che Guevara. Dialogue and orchestration form a running link between the contemporary and the eternal.

The play is somewhat unique in its fusions of times, histories, and motifs and promises to be a vital addition to contemporary theatre.

Prof. Farnsworth is well known to local theatre goers for his informative reviews on the theatrical scene in Halifax. He was born in Great Britain and educated at Liverpool and London Universities where he attained his B.A. and later in 1966, his M.A. in theatre. He taught in the Drama at Leeds University and is now assistant professor of theatre at Dalhousie.

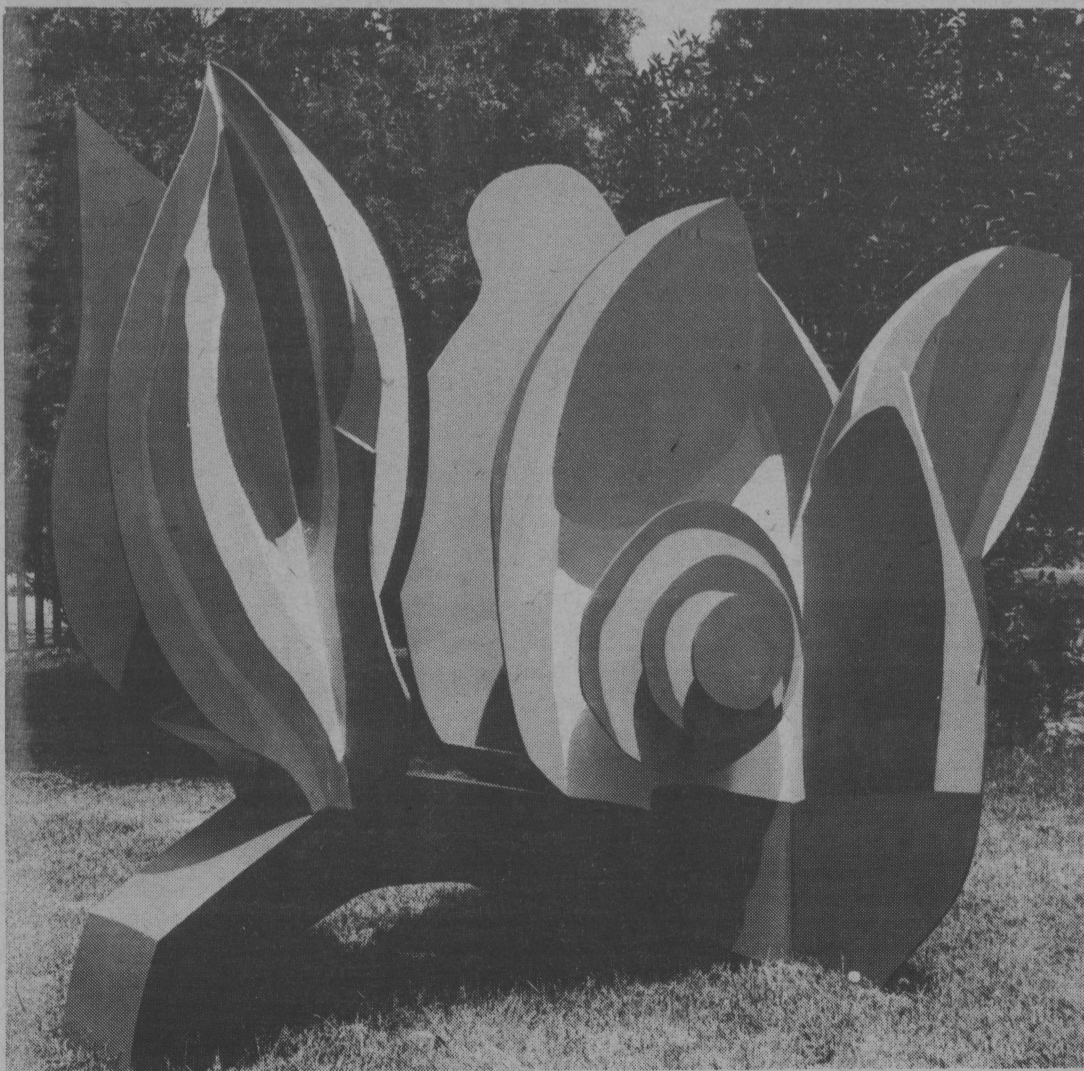
Aside from his academic life, David has been a member of the Everyman Theatre Company in Liverpool where he worked with the present directors of the Royal Shakespeare Company. His first play, "Soldier Man," was produced at Liverpool in 1966. A year later he was asked to direct the first modern production of a complete cycle of Mystery Plays, the Wakefield Cycle, at Leeds.

His second work was a play for children commissioned in 1968 by the Manchester Education Authority for production both professionally and within the school system at Manchester. Prof. Farnsworth's third work was a television script produced in 1969 for English T.V. entitled "Halfway Up, Halfway Down."

Upon his arrival in Halifax, he wrote, directed and acted in a four man revue about Halifax called "500 miles off-Broadway," produced at the university and in the community. He directed and acted in the Canadian premiere of Pinter's "Landscape" in 1971 and in that year was appointed drama advisor to the provincial government and regularly ran theatre workshops for local secondary school teachers.

While working on "Passion," Prof. Farnsworth also directed a children's play, "The King, The Sword, and The Dragon," already premiered professionally in Washington, D.C. He is currently working on two other plays, one a documentary concerning Nova Scotia, and the second a play set in Halifax, which deals with young people.

Music for the "Passion" was written by Steve Tittle, a professor of music in the Dalhousie Music Department. Prof. Tittle's most recent work "It's all there, all the time" recently had its premiere recording by the CBC in Vancouver, featuring Gary Karr, noted string-bassist, and Harmon Lewis, harp-sichordist.



Tulip, a 1971 work, that is part of the "Appel's Appels" exhibition opening at the Dalhousie Art Gallery March 8

## 77 works in Appel collection

The largest collection of Karel Appel's work ever to be assembled in North America will be exhibited at the Dalhousie Art Gallery on March 8.

Karel Appel, who now resides in Paris and New York, was born in Amsterdam in 1921.

This collection will feature

the artist in retrospect from as early as 1946 to three wood reliefs which were completed especially for this exhibition in January 1972. The works in the collection, which total 77, encompass paintings, wood reliefs and sculptures and were chosen by the artist.

After Halifax, the exhibition, circulated by Rothmans of Pall Mall Canada Limited in its continuing program of assistance with the Visual and Performing Arts, will continue the tour to other major centres across Canada.

The works will be on display at the gallery until April 1.

## Dudek to read his own works

Louis Dudek, Canadian poet, publisher, scholar and critic, will read from his own poetry at 8:30 p.m., Wednesday, Feb. 21 in Room 406 of the Dalhousie Arts Centre.

The reading, co-sponsored by the Canada Council and Dalhousie's Department of English, will feature work from the nine volumes of Dr. Dudek's verse that have been published during the last 30 years.

Dr. Dudek, apart from being widely published and anthologized, has also edited collections of poetry, written books on literature, and has been editor or publisher of Delta magazine, Contact Press and DC Books.

Born in Montreal, Dr. Dudek was educated at McGill and Columbia and has taught since 1951 at McGill, where he is Greenshields Professor of English.



Louis Dudek

## Chamber Orchestra preparing

The Dalhousie Chamber Orchestra is preparing for its second concert of the year which will take place on Thursday, March 22, at 8:30 p.m. in the Rebecca Cohn Auditorium.

The program will feature the Piano Concerto No. 19 in F major, Kv. 459, with soloist John McKay. Also included in the program will be the Symphony No. 1 by Beethoven and a new work by James Gayfer "Canadian Landscape".



## Basketball Tigerettes unbeaten

The showdown game of the Atlantic Women's Intercollegiate Athletic Association basketball season was scheduled for St. F. X. University tomorrow (Saturday) when the unbeaten Dalhousie Tigerettes met the once-beaten St. F. X. entry.

Should the Tigerettes win they will have completed the schedule with a perfect 8-0 record. A Dal loss would leave the teams in a tie and a decision would have to be made as to which club has the right to host the conference playoff tournament.

In their only other meeting this season The Tigerettes posted a 62-48 victory. But that was the opening game of the schedule for both clubs and since that time St. F. X. has been impressive in rolling up six straight victories.

The Tigerettes made it seven in a row last weekend by downing the University of New Brunswick 72-65 at the Dalhousie Gym.

Four players hit the double figures for the Tigerettes in their victory over UNB. Rose Johnstone hit for 20, Helika Hudoffsky notched 17, Wendy Moore scored 15 while Joan Selig had 12. Miss Hudoffsky's performance pushed her team leading total to 120 points in seven games. Miss Johnstone's 20 points also pushed her season's total over the 100 mark — she now has 103-points in the seven games to date.

The winner of the AWIAA championship will represent the conference in the nationals at McGill University March 2 and 3.

## Sports schedule

### SATURDAY, FEB. 17

AIAA & AWIAA GYMNASTICS championship — University of Moncton.

2 p.m. — Hockey, Acadia at Dalhousie

3 p.m. — Women's basketball, Dalhousie at St. F. X.

8 p.m. — Men's basketball, Dalhousie at Acadia.

### THURSDAY, FEB. 22

8:30 p.m. — Men's basketball, Dalhousie at Saint Mary's.

### FRIDAY, FEB. 23

JV Basketball championships — Kings (also Saturday)

JV Hockey championships — Sydney (also Saturday)

8 p.m. — Hockey, Dalhousie at Saint Mary's

### SATURDAY, FEB. 24

AIAA & AWIAA badminton championships — University of Moncton

8 p.m. — Hockey, St. F. X. at Dalhousie

## Management seminar Feb. 21

Managing management time and the effective use of this valuable resource will be the theme of a one-day seminar, Feb. 21 at Dalhousie University as part of the Advanced Management Centre's executive education program.

Discussion leader for the workshop will be Prof. John Goodwin from Sir George Williams University's department of management. He is a former lecturer in behavioural sciences and

decision-making at the Canadian Forces School of Management and has conducted numerous management programs for industry and the public sector.

The seminar outline is designed to help managers determine how and when to delegate work to others, how to establish priorities, how to schedule work and utilize the organization's talents and resources effectively.

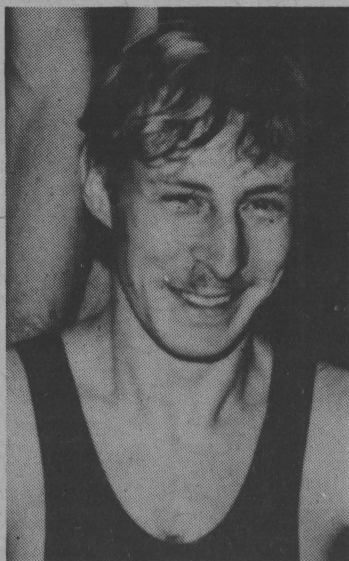
## Concert band rehearsing

The Dalhousie Concert Band, directed by Dr. J. Gayfer, is busy preparing for its second performance of the year. This will take place Wednesday, March 28, at 8:30 p.m. in the Rebecca Cohn Auditorium.

Included in the programme is the Second Suite in F by Gustav Holst, and the Chester Overture by William Schumann.

Vacancies exist for Flute, Bassoon, French Horn and Trumpet. Experienced players are welcome. Rehearsals are held on Wednesdays from 7:30 p.m. to 9 p.m. in Room 121 of the Arts Centre.

Interested applicants are invited to contact the Department of Music, 424-2516, or Dr. J. Gayfer 424-2086.



Mike Sangster

## Sangster wins berth in nationals

Mike Sangster of Halifax, a third year physical education student, will represent Dalhousie and the Atlantic Intercollegiate Athletic Association at the national intercollegiate wrestling championships at Guelph, Ont., Feb. 23 and 24.

Sangster won the Atlantic championship in the 118-pound class at the conference championships held at the University of Moncton.

It's the second conference championship in a row for Sangster and he did it in impressive fashion, winning four matches by pins, all in under two minutes.

As a team the Dalhousie entry failed to make the top three. The University of New Brunswick topped the standings with 70 points, followed by last year's champions, Memorial, with 58 and Saint Mary's with 49.

Next to Sangster the best individual performance by a Dalhousie wrestler was Larry Brinen who finished third in the 190-pound division.

## Girls' volleyball team wins tourney

Dalhousie University Tigerettes defeated York University of Toronto three games to one to win the women's invitational intercollegiate volleyball tournament last weekend at Acadia.

The Tigerettes, who had lost to York earlier in the day in the pre-championship rounds, came back to win 13-15, 15-10, 15-8 and 15-9 to earn the title.

Seven teams were entered in the tournament which was co-hosted by Acadia and Dalhousie. Each team played all the other clubs in a best-of-three series and when these games were over the two leading teams went into the final best-of-five series.

Before the final, York went undefeated in their six games to finish in top spot. Dalhousie won five matches, losing only to York by scores of 12-15 and 10-15.

University of New Brunswick and Ottawa tied for third, each with three wins and three losses. Acadia was fifth with a two and four mark while Queens and McMaster tied for sixth, each with one win and five losses.

Dalhousie coach Ken Bellemare was pleased with his team's title performance. He noted that the Tigerettes had split games with York at the Waterloo tournament in January and had lost to them earlier in the day so the victory was particularly rewarding.

The Tigerettes are favored to win the AWIAA championships being played at Acadia this weekend. Should they succeed in copping conference honors, they'll also gain the right to host the national championship tournament March 2 and 3.

## Men's team loses

The strong Dalhousie men's volleyball team went down to a surprising defeat at the Atlantic intercollegiate championships played at St. F. X. University.

The Tigers topped the round-robin play in the nine team tournament with an undefeated record, but were defeated in the semi-finals by the University of

New Brunswick.

Moncton, which eliminated Acadia in the other semi-final, then defeated UNB to take the championship.

It was the University of Moncton's first Atlantic intercollegiate championship since the school was founded.

## Dental course in care for handicapped

A course in dental care for the handicapped will be held at the Dalhousie Dental School Feb. 22 & 23.

The course, under the direction of the Continuing Education Committee of the

Faculty of Dentistry, is open to dentists, dental hygienists and dental assistants.

The aim of the course is to provide help and insight into the management of handicapped patients in the dental office.

## Research grants increase

Continued from Page 4

for one aiming at a Master's degree — it demands real interest and concentration over a period of three or four years.

"While the newly graduated PhD experiences a feeling of self-fulfilment in having reached such a high level of academic achievement, this quickly passes and the graduate cannot be criticized for wishing to use his specialized training in earning a living and making a contribution to society.

"A few years ago, PhD graduates had a choice of two or three jobs. Now they have to hunt for one, the same as everyone else, and I suppose PhDs somehow feel that they have put so much effort into getting their degree, they should not have to endure this further scramble in the hunt for employment. However, our present job situation is not so very different from that which has existed for many years in Europe, where people do not expect to have a selection of jobs open to them. I think it is a question of re-adjusting student attitudes. From now on, it looks as if we can only expand our graduate schools at the same rate as Canada expands. The

point being made in the news release on PhD unemployment by the Canadian Association of Graduate Schools (Page 1, University News, January 19) was not that graduate courses should be expanded, but that they should not be seriously cut back.

"Some people have over-reacted, saying that we are producing too many graduates and must now produce fewer. If we cut back severely (we have simply slowed down a little) we may encounter serious shortages in a year or two, at least in some fields. The answer is not to over-react. I tend to think that the supply and demand situation will balance out eventually, although I realize that this is little comfort to those who cannot find a suitable job during the period of imbalance.

"Certainly we are going to need the graduate schools that we have and should not consider closing them or cutting back severely; but the days of galloping expansion are over. During the next five years I hope that we shall see a modest expansion from much more careful planning than we have been doing up to now."

## Taught at Dal over 50 years

Dr. J.H.L. Johnstone, who taught at Dalhousie for more than 50 years, died in Mexico earlier this week.

Dr. Johnstone, professor

emeritus of physics, began his teaching career at Dalhousie in 1912. He was O. E. Smith Professor of Physics from 1935 to 1946, George Munro Professor from 1946 to 1960,

head of the Physics Department from 1946 to 1957, and from 1949 to 1956 was Dean of Graduate Studies. He received an honorary L.L.D. from Dalhousie in 1960.



# bulletin board

## Monday, February 19

3:30 p.m. — Mathematics Colloquium: "Godel's incompleteness Theorems", Professor Peter K. Schotch, department of philosophy, Dalhousie. Room 2922, Life Sciences Centre.

2 p.m. — The Biology and Behaviour of Seals: Dept. of Psychology graduate seminar series: Touch and vibrissae, the trigeminal system. R. Dykes, Dept. of Physiology. Room 5260, Life Sciences Centre.

5:30 p.m. — Weekday Mass. 6124 South Street.

8 p.m. — French Club film series: Sait-on Jamais, 1957, Roger Vadim; Killam Library auditorium.

## Tuesday, February 20

12:15 p.m. — Lunch Hour Films On Art: Civilisation #10 — The Smile of Reason. Room 4-06, Arts Centre.

5:30 p.m. — Weekday Mass. 6124 South Street.

8 p.m. — African Studies Seminar series: Professor Mary Graesser — Political participation in Mampong, Ghana. Room 303, Arts and Administration Building.

## Wednesday, February 21

All day — Managing Management Time: Advanced Management Centre (Inst. of Public Affairs) seminar; Killam Library auditorium.

12:30 p.m. — Weekday Mass. 6124 South Street.

## Thursday, February 22

8 p.m. — Royal Commonwealth Society, N.S. branch. Lecture by Dr. P. D. Pillay, department of history: The Commonwealth at Bay? Killam Library auditorium.

8 p.m. — Public lecture sponsored by the Dawson Geology Club. Dr. H. B. S. Cooke will give a talk, with slides, on his recent visit to the USSR. Room 304, Sir James Dunn Science Building.

8:30 p.m. — The first of three performances of "Passion: The Events Touching the Life of a Man Who Found God". Rebecca Cohn Auditorium. Arts Centre. Tickets: \$3, \$4; students prices, \$2, \$1.

8:30 p.m. — The Theatre Department presents "The Bacchae" by Euripides. The Sir James Dunn Theatre, Arts Centre. Admission free.

8:30 p.m. — Public lecture sponsored by the department of philosophy. "Utilitarianism and the vicarious affects" with Nicholas Rascher, University of Pittsburg. Room 215, Chemistry Building.

9 p.m. — Grawood Lodge — discotheque. Admission 50¢.

## Friday, February 23

10:15 a.m. — School of Library Service lecture series: "The Place of the Public Archives of Nova Scotia in the Community" by Dr. C. B. Fergusson, Provincial Archivist. Killam Library Auditorium.

11:30 a.m. — Room 215, Chemistry Building; Dr. Peter Yates, department of chemistry, University of Toronto: Bond Scission and Reactivity of Organosulphur Compounds; regular chemistry department seminar.

1:30 p.m. — Sociology and Anthropology lecture: Professor George Park, Memorial University — The Politics of Personality: Love of Liberty in Cult and Culture. Killam Library auditorium.

4 p.m. — Friday at Four lecture series, Faculty of Medicine: Dr. Grainger W. Reid, Ministry of Health, Ontario — Health Care Issues of the Seventies.

8:30 p.m. — "The Bacchae." Sir James Dunn Theatre, Arts Centre. Admission free.

8:30 p.m. — "Passion". Rebecca Cohn Auditorium, Arts Centre. Tickets available from the Central Box Office, 424-2298.

9 p.m. — Grawood Lounge, SUB. Ray Johnson of the Sou-Westerners. Admission \$1.

## Saturday, February 24

8:30 p.m. — "Passion". Rebecca Cohn Auditorium, Arts Centre.

8:30 p.m. — "Bacchae". Sir James Dunn Theatre, Arts Centre. Admission free.

## Sunday, February 25

7 p.m. — Dalhousie Film Theatre, Rebecca Cohn Auditorium, Arts Centre: UGETSU MONOGATARI.

7 p.m. — Folk Mass. Council Chambers, SUB.

8:30 p.m. — "Passion". Rebecca Cohn Auditorium, Arts Centre. Tickets available from Box Office, 424-2298.

9 p.m. — Dalhousie Film Theatre — FIRES ON THE PLAIN. Admission: non-members \$1, members free.

## Monday, February 26

Study break — no classes until March 5.

2 p.m. — The Biology and Behaviour of Seals: Dept. of Psychology graduate seminar series. The cardiovascular and respiratory systems, R. Dykes, Dept. of Physiology. Room 5260, Life Sciences Centre.

5:30 p.m. — Weekday Mass. 6124 South Street.

8:15 p.m. — Dalhousie-King's Reading Club: hostess, Mrs. H. B. S. Cooke at her home. The program, arranged by Mrs. Joan Crook and Dr. Lynn Riddle is on "Women!"

## Tuesday, February 27

12:30 p.m. — Physiology and Biophysics seminar: "Mechanical Coupling of Rib cage and Diaphragm", Dr. Michael Goldman, Harvard School of Public Health. Room 3K1, Tupper Building.

5:30 p.m. — Weekday Mass. 6124 South Street.

8 p.m. — African Studies seminar: Jon Jorgensen, Research Fellow, Centre for Foreign Policy Studies: Structural Dependency and Uganda's Economic Foreign Policy, 1964-70. Room 303, Arts and Administration Bldg.

## Wednesday, February 28

12:30 p.m. — Weekday Mass. 6124 South Street.

## Thursday, March 1

INTRODAL '73 — See news items.

12:30 p.m. — Dalhousie Staff Association monthly meeting. Room 234, Arts and Administration Building.

## Friday, March 2

INTRODAL '73 — See news items.

8:30 p.m. — Cohn Auditorium, Arts Centre: Community concert: Texas Boys' Choir. By subscription.

9 p.m. — Grawood Lounge. Entertainment provided. Admission \$1.

9 p.m. — Jazz and Suds. Green Room, SUB. Admission \$1.

## Saturday, March 3

INTRODAL '73 — See news items.

## Sunday, March 4

3 p.m. — Nova Music: Innovations in Music, Foyer, Dalhousie Arts Centre.

7 p.m. — Folk Mass, Council Chambers, SUB.

## Monday, March 5

Classes resume after study break.

2 p.m. — The Biology and Behaviour of Seals: Dept. of Psychology graduate seminar series: Navigation and migration, Dr. H. James, Dept. of Psychology. Room 5260, Life Sciences Centre.