

UNIVERSITY NEWS

VOL. 6 NO. 14

DALHOUSIE UNIVERSITY

MARCH 19, 1976

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Target: \$1500

A power chair for Donna

The cost of an electric wheelchair tops \$1,500.

Few of us could spare that amount, especially not a paraplegic, unable to work, receiving two small, fixed disability pensions and trying to raise a 9-year-old daughter.

Donna Crawford finds herself in just such a situation.

Mrs. Donalda Crawford, now 34, worked at Dalhousie University as a "reservations clerk" for 2½ years. That's a simple title for a position that was anything but easy.

Many professors and staff of Dalhousie will remember Donna's enthusiasm for her job, that of procuring liquor for all functions on campus, setting up rooms and making arrangements for such functions as the Queen Mother's visit to the university.

Surprisingly, Donna had not even been inside a liquor store when she got the job, but quickly learned all about cocktails, wines and mixes. Her one-person operation required her full attention. It was a personal commitment she gave to each and every person she dealt with. She never complained, she always had a smile even after trudging through snow from the Carleton campus pulling a wooden wagon filled with empties.

Then Donna went to the President's Office where she worked as a secretary until the fall of 1970. Always courteous and



At the end of last month, the Supreme Court of Canada ruled that Dalhousie could go ahead and obtain from the City of Halifax the building permit for its proposed Physical Education, Recreation and Sports Centre. It was a decision that delighted more than anyone the physical education and athletics community at the university.

In the article below, Dr. Michael J. Ellis, Director of the School of Physical Education, describes the building and what it will do.

An asset to the community

By Dr. M.J. Ellis

So we can go ahead and build our Physical Education, Recreation and Sports Centre. That in itself is welcome news and, for the staff of the School of Physical Education and myself, a relief.

But it will not be ready for some time yet -- perhaps 2½ to 3 years. When it is ready, though, what will it mean?

It means:

The end of long-standing frustrations for many people.

People will be able to practise and play without a struggle for space.

Gymnasts will not have to get up at 5 in the morning to practise.

The varsity basketball enthusiasts will get to bed before midnight.

Phys Ed students will be able to learn their stuff in facilities designed to accommodate them by the hundred.

In short, the arrival of the centre will mean something



Dr. Ellis: The emphasis will be on participation.

extremely worthwhile and positive to most of the Dalhousie community and to many of the citizens of the Metro area and Nova Scotia.

The centre has been designed to enable the School of Physical Education to honour its academic, athletic, recreational and community development missions. In simple terms, it will be a large, multi-purpose activity area at street level with space underneath for specialized activity. It will be a large, low building that will sit in a hollow behind the "Stairs property" south of South Street. The specialized areas

will include squash courts, handball courts, changing and service space and an Olympic-sized swimming pool. In addition, the lower level will have classrooms and some laboratory space for the academic and research programs.

But more than anything else, the design emphasizes the concepts of activity and flexibility. It will be a place in which people may be active, and along a broad range. It will NOT be a place for people to watch others be active.

This translates into reality
Cont'd on p. 7

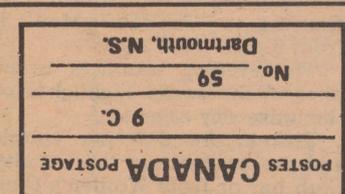
CAUT: 51 % sign up

Dr. Roland Puccetti, chairman of the DFA's CAUT membership drive committee, is happy.

Their recent, and second, effort to get DFA members to sign up in CAUT -- so the DFA wouldn't lose its affiliation with the national body and to make the DFA stronger -- has been successful to the extent (as of March 8) that 51 per cent of the full-time faculty are now members of CAUT.

Another push is under way, reports Dr. Puccetti. "We've isolated a number of departments where faculty have been delinquent, and we're asking the CAUT members in those areas to give a gentle prod to those who haven't signed up yet."

Dalhousie has about 800 full-time faculty; the DFA needs a minimum CAUT membership of 450.



See Page Three

Jamieson to open International Business Studies Centre

The Rt. Hon. Donald C. Jamieson, Minister of Industry, Trade and Commerce will officially open Dalhousie University's Centre for International Business Studies, on April 2.

The ceremony will take place at 5 pm in the Sculpture Court of the university's Art Centre.

The new centre which is within the university's School of Business Administration, is part of a nationwide network of centres established in Canada as part of the management develop-

ment program of the federal Office of Industrial Policy. Government financial assistance to the centre will take two forms: development grants for the creation and implementation of appropriate programs; fellowships for students with a strong interest in international business and outstanding academic capability.

The major functions of the centre will be to provide graduate courses in international business with substantial Canadian content; programs of continuing education for practicing managers; research projects oriented to topics of major interest in the international business sphere; and scholarships for graduate students interested in international business.

The Dalhousie centre will place significant emphasis on the maritime aspects of international business. Courses will be offered on the regulation of transnational business; international business and ocean resources in co-operation with the department of oceanography; and international transportation.

The first research priority of the centre will be to situate industries of Atlantic Canada within the international economy, and identifying the international trade and capital flows relevant to each. There is also a plan to begin special research projects in the areas of international transportation and ocean resources, with a concentration on the European community and the Caribbean.



Taking part in Man and the Biosphere program, The Place of Western Science in An Emerging Global Culture, were: Prof. Philip McShane, department of religion at Mount Saint Vincent University, Dalhousie geologist Dr. Basil Cooke, Prof. Ravi Ravindra, and Dr. David Jamieson from the Atlantic Regional Laboratory (chemistry). (John Donkin, A/V Services)

Obs / Gyn Dept to be well represented

Dalhousie's Department of Obstetrics and Gynaecology will be well represented in a program of talks arranged by the Metro-area Family Planning Association during its family planning week, March 29-April 3.

The week's series of informed talks will open with a public lecture given by Laura Sabia, 8.30 pm, March 29, Theatre A, Sir Charles Tupper Medical Building. Chairperson for the Ontario Status of Women, she will speak on Family Planning.

The schedule for the remaining lectures is:

* Pros and Cons of Birth Control Pills, by Dr. S.C. Robinson, 8 pm, March 30, N.S. Museum;

* Contraceptive Control with IUD, by Dr. D.W. Johnston, 8 pm, March 31, Dartmouth High School;

* Pros and Cons of Birth Control Pills, by Dr. R.H. Lea, 8 pm, April 1, Leslie Thomas Junior High School, Lower Sackville.

Avoiding death at dinner

Do you know what to do if someone is choking to death on food?

Find out what to do from the new display "Death at the Dining Table" in the Kellogg Health Sciences Library. It describes how to do the "Heimlich Hug", a new technique for preventing such disasters.

Each year many small babies die in their cribs from no apparent cause. "SIDS" is another library display featuring publications describing research into the causes of SIDS (sudden infant death syndrome).

Among them are some by Dr. Geoffrey Dawes, director of the Nuffield Institute for Medical Research, Oxford England. Dr. Dawes was a recent visitor at the IWK Children's Hospital.

PAINTINGS DONATED

Dr. Henry D. Hicks, the president, accepted the painting "The Storyteller" by Sir David Wilkie, from members of the family of the late Noa and Sarah Heinisch, in a brief ceremony in Dalhousie Art Gallery last month.

Members of the family attending the presentation were: Mr. and Mrs. Michael Halzel and son, Marblehead, Mass., Mrs. Elliott Jacobs, California, and Mrs. Jack Star, Montreal.

Sir David Wilkie was an 18th century Scottish painter. "The Storyteller" is an oil on canvas painting that measures 23 by 20 inches. It was recently restored in London, and is in excellent condition. The painting was a particular favorite of Mr. and Mrs. Heinisch and was donated to Dalhousie University at their specific request.

What if science were wrong?

... what would it mean to us to imagine that science turned out to be wrong?

... what would it mean to face that possibility?

... modern mind everywhere, west and east, in the humanities as well as the sciences, wants to be scientific, but is science right?

... Does it warrant this enthusiastic attention?

... Does it provide as full or sufficient a knowledge as it promises?

These were some of the issues raised by Dr. Ravi Ravindra at a Man and the Biosphere forum.

In raising the questions, he said it was not his intent to be anti-science. Rather he wanted to raise the question of what, in the scientific pursuit, got left out, side tracked or missed because of the underlying preoccupations of science.

A major presupposition of modern, western science, he believed, was that we could study nature-culture, another human being, without studying ourselves in the process. During his discussion he drew on illustrations from western thought to bring his message home.

Good ratings for History Department, graduate students

Ratings for Dalhousie's History Department and its graduate student record are favourable, according to the results of a statistical study carried out by the Canadian Historical Association. Considering that the department's PhD program is less than ten years old, students seem to have fared well in external awards and in the number of graduate degrees completed.

With the exception of the University of Victoria, Dalhousie has fewer faculty members than any other department listed. The number of graduate students admitted is fewer than that in three quarters of the universities listed, but more than that of some much larger departments.

Over the past ten years Dalhousie students have secured the third highest number of external scholarships -- even though the Ph.D. program did not begin until 1967, and thus won the first external awards in 1968.

McGill, which maintained 70-80 full time graduate students in these years, won twice as many awards as Dalhousie, and Toronto, with about 200 graduate students in history, won eight times as many awards.

No departments in Canada had as high a success rate as Dalhousie in respect of the ratio

of students to the number of awards won. Dalhousie's external awards from CIDA and Commonwealth Scholarships are for some reason not shown in these figures, nor are Killan Scholarships included (they fall under a category of "other major scholarship").

Dalhousie also comes off very well in the figures of degrees completed. We are given a rate of 60% completed, but this figure does not include 1975 and 1976 graduates. [In 1974-1975 Dalhousie graduated 8 MAs and 4 PhD's in history, and the History Department has already recommended 4 Masters and 5 PhD's for 1975-1976 with a possible 9 more graduates to be added.]

Only the University of Manitoba has a higher completion rate (62.13%) and most of these are MA students. Several universities, including McGill, did not give completion rates, listing instead "satisfactory progress". Toronto's completion rate was 25%, Carleton's 47%, U.W.O.'s 47%, Dalhousie and Carleton had the lowest "drop out" rates, 5% and 3% respectively. Most other universities had a drop out rate of 20%, though U.N.B.'s was 40% and Toronto's 41%.

Young adult consultant in residence

Ms. Mary K. Chelton, Young Adult Consultant, is Librarian in Residence at the Dalhousie University School of Library Service, this month.

Ms. Chelton is president-elect of the Young Adult Services Division of the American Library Association and has had a distinguished career in work with young people in Maryland and California before taking up her present position with the Westchester (N.Y.) Library System. She also served as an Army librarian in Korea.

Her publications include articles in Top of the News, School Library Journal and producing the newsletter, Fair Garden, for librarians in the Westchester system.

Although Canadian libraries have long been concerned with providing service for children the special needs of adolescents have not received comparable attention.

To point out the needs in this area Ms. Chelton provided an overview of what constituted good service to adolescents in the School of Library Service's Friday Lecture Series at 10:30 a.m. last week.

SPRING THAW

"SPRING THAW" is the theme of this year's dinner dance co-sponsored by Dalhousie Women's Club and the Faculty Association to be held on March 26.

There will be a reception in the Great Hall of the Faculty Club prior to the dance, with dinner being served from 8 p.m. Dancing, to "The Music Men", is from 9 p.m. until 1 a.m.

The evening promises to be one of the social highlights of the university calendar.

Tickets are \$15 per couple and are available at the Faculty Club bar or from Women's Club interest groups.

UNIVERSITY NEWS

UNIVERSITY NEWS is published every second Friday between September and May by Dalhousie University, Halifax, Nova Scotia. It is produced by the Information Office with the assistance of the Graphics Department and is printed by The Dartmouth Free Press.

Inquiries and contributions should be addressed to The Editor, University News, Information Office, Old Law Building, Dalhousie University, Halifax, B3H 3J5. Telephone: 424-2517/8.

Following is the publishing schedule for the balance of 1975-76:

	DEADLINE	PUBLISHING DATE
15	March 25	April 2
16	April 7	April 15
17	April 22	May 3-7

There's a chill in the air

Climate is usually considered a nuisance we put up with while waiting for better weather, says Dr. J.G. Ogden III, professor of biology at Dalhousie.

Yet less than 15,000 years ago, almost all of the Maritime region was buried deep under glacier ice, sea levels were several hundred feet lower than they are today, and shorelines were several tens of miles seaward of their present positions.

Climatic changes which caused the melting and retreat of the glacier resulted in ameliorating temperatures, rising sea level, and rebound of the earth's crust as it was released from the crushing weight of glacier ice.

By 10,500 years ago, the first Nova Scotians apparently passed through customs and arrived at Debert, near Truro, Nova Scotia. Since that time, Nova Scotia has seen much milder climates than at present, as well as some colder periods.

More recently, the interval known as the "Little Climatic Optimum" of about 1000 A.D. permitted, if not encouraged westward explorations and colonization by the

scurrying home and wiped out their settlements in North America and Greenland, but also culminated in the "Little Ice Age" of the 18th century during which farms and villages were overwhelmed by advancing valley glaciers in northern regions. This period also wiped out the native grapes of Newfoundland and southern England.

Subtle changes in climatic parameters, such as temperature, precipitation, or air mass circulation, have widespread biological and economic effects. Spruce budworms appreciate warmth and dryness in June, while a few tenths of a degree increase in coastal water temperatures result in reduced lobster landings. A 0.5°C drop in average winter temperature (November-March) is approximately 10 gallons of heating oil per household in Canada.

The winter of 1971-72 resulted in consumption of an additional 15 million gallons of fuel oil in the Halifax-Dartmouth region alone attributed to the weather. According to my latest fuel bill, that's more than 6 million dollars.

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Dr. OGDEN: His lecture (see details on poster reproduction at left) is on Monday, March 22; 8.30 pm, Room 117, Dunn Building.

Vikings. Similarly, the climatic deterioration beginning in the 12th Century A.D. not only sent the Vikings

PRESENTED BY THE NOVA SCOTIA INSTITUTE OF SCIENCE, COLLABORATING WITH THE DEPARTMENTS OF GEOLOGY OF DALHOUSIE AND ST. MARY'S UNIVERSITIES, HALIFAX:

A LECTURE BY DR. J.G. OGDEN III

THERE'S A CHILL IN THE AIR

ENVIRONMENTAL CHANGE IN THE MARITIMES

MARCH 22, 1976 8:15 PM

ROOM 117 SIR JAMES DUNN SCIENCE BUILDING, DALHOUSIE

DR. J. G. OGDEN III

DR. OGDEN IS A PROFESSOR OF BIOLOGY AT DALHOUSIE AND A MEMBER OF THE EXECUTIVE COMMITTEE OF THE NOVA SCOTIA ENVIRONMENTAL COUNCIL. HE HAS MADE A SPECIAL STUDY OF CHANGING CLIMATES AND WILL DISCUSS HISTORIC "LITTLE ICE AGES" AND THE IMPACT OF CLIMATIC CHANGES ON HUMAN SETTLEMENT IN THE PAST AND PERHAPS IN THE FUTURE AS WELL. WE ALL HAVE A STAKE IN IT!

[SPONSOR: N.R.C. ASSOCIATE COMMITTEE ON QUATERNARY RESEARCH]

— Poster by Derek Sarty

REGISTRATION — 1976-77 (and '76 Summer Schools)

Formal registration sessions have been scheduled on the following dates:

Mon., May 17 — Summer School (1st session), A & A Bldg.	9.30 am—6.30 pm.
Mon., July 5 — Summer School (2nd session), A & A Bldg.	9.30 am—6.30 pm.
Tues., Aug. 31 — Law and Library Service	9.30 am—4.00 pm.
Thurs., Sept. 2 — Outpost Nursing, Room 133B, A & A Bldg.	9.30 am—4.00 pm.
Tues., Sept. 7 — Dentistry, Medicine, Dental Hygiene, Physiotherapy, Social Work.	9.30 am—4.00 pm.
Mon., Sept. 13 — New undergraduate students	9.30 am—4.00 pm.
Tues., Sept. 14 — New undergraduate students	9.30 am—6.30 pm.
Wed., Sept. 15 — Returning undergraduate students	9.30 am—6.30 pm.
Thurs. Sept. 16 — Returning undergraduate students and graduate students	9.30 am—4.00 pm.
Fri., Sept. 17 — Returning undergraduate students and graduate students	9.30 am—4.00 pm.
Sat., Sept. 18 — All categories of students	9.30 am—11.30 am.

Except as noted above, registration will begin in the Link area between the Life Sciences Centre and the Chemistry Building and continue on into the Arts and Administration Building.

Registration closes at 11.30 am on Saturday, September 18. Students who attempt to register after this should go to Room 21 during regular office hours. A LATE FEE WILL BE CHARGED TO LATE REGISTRANTS.

RETURNING UNDERGRADUATE STUDENTS are strongly urged to obtain approval for their 76-77 classes before the end of the current academic term. Those who obtain such approval may be able to REGISTER BY MAIL during the summer instead of waiting until the formal registration period in September.

They are reminded that a normal class-load for a full-time student is five full and/or half classes per term (a total of five full classes per year). Permission to exceed such a class-load must be obtained from the Committee on Studies (Certain programs — B.A./B.Ed., B.Sc./B.Ed., B.Sc. with a major in Engineering and programs in the Health Professions excepted).

For your convenience, Faculty members will be available for consultation and Class Approval on the following days:

22 — 26 March In department offices (Hours 10a.m. — 5p.m.)
21, 22 April Life Sciences — Chemistry Link (Hours 10a.m. — 4p.m.)

Completed Class Approval forms may be returned to Room 21 A&A Building on those dates. On other dates, they should be returned to Room 133B A&A Building. Timetable information will be posted in Departments, the Student Union Building and in Room 21 A&A Building. A copy of your academic record in enclosed; it should be shown to your Departmental adviser.

Registration materials and instructions will be sent to you in July. Students who complete their registration by mail need not attend the formal registration session in September but should visit the Health Centre and obtain validation of their I.D. cards soon thereafter. IT SHOULD BE NOTED THAT FEES MUST BE PAID TO COMPLETE REGISTRATION.

If you intend to pay your fees from a Student Loan, or from a scholarship, or if another agency will be paying them, you must come to the appropriate formal registration session in September.

Moreover, if you intend to register conditionally that is, on the basis of a commitment to pay fees at a later date, you must come to the appropriate formal registration session to make such an arrangement.

Students with outstanding accounts are not eligible to register. If any student with an outstanding account does register, the amount owed will be deducted from any payment made.

Dalhousie Faculty Association ANNUAL GENERAL MEETING

3 pm, April 30
Great Hall, Faculty Club

Agenda:

- 1 — Amendment of constitution/DFA-CAUT interlocking membership.
- 2 — President's report.
- 3 — Treasury report.
- 4 — Election of officers (nominations should be sent or phoned to Dr. H.W. King, Eng.—Physics Dept., Room 332, Dunn Building; 424-2356)

THE FORM WILL FIT THE SUBJECT

No standardized format but rather the form will fit the subject. That's the best way to describe the workshops scheduled for the forthcoming conference of the Atlantic and Canadian Societies for Eighteenth Century Studies, April 4-6.

The workshops — and there are 13 to choose from — will be presented as lectures, formal debates, reading of papers with discussion.

Subject areas will span the fields of fine arts, philosophy, history, the enlightenment, semantics, feminine expression, editing letters, and psychology.

Leaders for the workshop have been drawn from many disciplines and are representative of the variety of interests that make up 18th Century studies. The sessions will be conducted in English and French.

The broad spectrum both in design and content can be seen in the following overview of the workshops. The session on fine art will take the form of three papers, each illustrated with slides. A session dealing with the poetry of Pope and Swift will

have one discussant talking about Swift as Moral Physician. An extensive workshop on Rousseau will have two leading authorities in the field contributing papers.

History subjects will span the French revolution: Moral and political lessons in mid-18th Century Russian from an historical perspective; and British pro-American members of parliament in 1776. Dalhousie members from the departments of classics and German will examine the enlightenment as a form of Christianity.

Theatrical representation and narrative forms will be presented in a workshop entitled Semantics and Semiotics. Four readings of different works, from the short story to the relation of travels to theoretical writings on the theatre are included.

Women will share the spotlight not only as contributors of papers but as the subject for a workshop under the heading of *Femininity in 18th Century literature*. The session will study the successive or simultaneous forms of themes and methods expressing feminine 'nature' or 'condition'. The ultimate goal of the dialogue will be to define more precisely what the 18th Century considered 'feminine.'

The workshop on psychology and literature will have a number of participants. Through their discussion and presentation they will attempt to show how psychological theorizing—especially in the field of perception, influenced literary works in England, France and Germany.

A workshop on the theme of editing letters will examine the contribution that letters make to 18th Century studies and should be of particular interest not only to specialists in this field but to all editors (actual and potential) of correspondence.

To commemorate the bicentenary of David Hume's death, a special workshop has been arranged on the theme of Hume and Human Nature.

Roseann Runte president of both societies

Dr. Roseann Runte, of the French Department, is president of both the Canadian and the Atlantic Societies for Eighteenth Century Studies.

Next month she will assume the editorship of *Studies in Eighteenth Century Culture*. She was co-editor with Dr. James Gray, Dean of Arts and Science, of the booklet, *The Humanities in Today's World*, published recently.

Vice-president of the Atlantic society is Paul McIsaac of Mount Saint Vincent University, and secretary-treasurer is Anthony Farrell of Saint Mary's University.

WHO'S WHO AT THE CONFERENCE

Headlining a distinguished roster of scholars attending the conference will be the keynote speakers for the plenary sessions. They are Lester Crocker, a world leading scholar in the field and President of the International Society for 18th Century Studies for five years, visiting professor of French at the Sorbonne and chairman of the Department of French at the University of Virginia; Robert Niklaus, author of critical editions of Rousseau, Diderot and Voltaire, head, Department of French, Exeter University, and now visiting professor at U.B.C.; and Paul Korshin, an established scholar and professor at the University of Pennsylvania.

DEVENDRA P. VARMA: professor of English, Dalhousie; author of many books including *The Gothic Flame* (Barker 1957); editor of Gothic novels; specialist on Ann Radcliff.

BRUCE FERGUSON: Director, Dalhousie University Art Gallery.

JAMES GRAY: Dean of Arts and Sciences, Dalhousie; well-known for his work on Johnson's Sermons; co-editor with James Clifford (Columbia Univ.) of Johnson's religious works; an outstanding Canadian scholar; regional director of the Humanities Research Council and consulting editor of several journals.

LESTER CROCKER: author of 27 books and over 50 articles; leading 18th century scholar in the world.

WILLIAM KINSLEY: director of English Studies, University of Montreal; author of several articles; President of the English and American Literature section of the American Society for Eighteenth-Century Studies.

HOLLIS RINEHART: professor of English, York University; former chairman, Dept. of English, York University; author of articles on Richardson, Fielding and Frankenstein.

JOHN D. NAUSE: professor of English, University of Ottawa; specialist on Pope.

LAURENT LAVOIE: professor of French, College of Cape Breton; Ph.D. dissertation written with Henri Coulet; Rousseau specialist; author of several articles; correspondent for the French Society for Eighteenth-Century Studies.

NAOMI ANN SCHOR: Asst. professor of French, Columbia; author of several papers and articles in *Romanic Review* and *Yale French Studies* of which she was guest editor in 1969.

CHRISTIE VANCE: Professor of French, University of Montreal; has researched "Dialogue et utopie" while concentrating on Rousseau, Diderot and Retif de la Bretonne; specialist on French autobiography in the 18th century.

WALTER MOSER: professor of French, Univ. of Montreal; in Switzerland, he worked on the myth of the origin of the 18th century; author of "Pour et contre la Bible", paper presented at the French Society for Eighteenth-Century Studies.

MARY KINNEAR: Professor of History and Dean of Students, University of Manitoba; past holder of a Canada Council Doctoral Fellowship and a Woodrow Wilson Dissertation Fellowship; author of several papers on British politics during the American Revolution.

ALEXANDER BALISCH: Assistant Professor of History, Memorial University; 1970 Canada Council grant to study state archives in Austria, Czechoslovakia and Hungary; author of books and articles including work on the French and American Revolutions.

J.L. BLACK: Associate Professor of History, Laurentian University; author of a book on Nicholas Karamzin (Mouton 1974); specialist on 18th-century Russian history.

PAUL KORSHIN: Assoc. professor of English, University of Pennsylvania; author of 5 books, 20 major articles, 36 reviews, 40 short articles and 12 papers; member of the Editorial Board of *Eighteenth-Century Studies*; member of the Executive Board of the International Society for Eighteenth-Century Studies; Executive Secretary of the American Society for Eighteenth-Century Studies; an established scholar whose work is well-known and highly respected.

DETLEV STEFFEN: Chairman, Dept. of German, Dalhousie; Ph.D. Gottingen 1965; specialist on German idealism, romanticism, the Age of Goethe.

J.A. DOULL: Dept. of Classics, Dalhousie; author of numerous publications and an excellent speaker.

RONALD C. ROSBOTTOM: Assoc. Professor of French, Ohio State University; author of a book and several articles on Marivaux; director of several Modern Language Seminars; current editor of *Studies in Eighteenth-Century Culture* and editorial advisor to *Studies in Burke and his Time*.

JOSEPH MELANCON: Professor of French, Département des Littératures, Université Laval; editor of *Études littéraires*.

LLOYD R. FREE: Asst. Professor of French, University of Michigan; author of 3 books and numerous articles, reviews and papers; Corresponding Editor of *Eighteenth-Century Life*; director of Seminars at the Modern Language Association 1972-1975.

PAUL CHAVY: Professor of French, Dalhousie; past-president, Canadian Comparative Literature Association; Consul honoraire de France.

Going in style — circa 1750

Old Clothes and household scraps will do the job

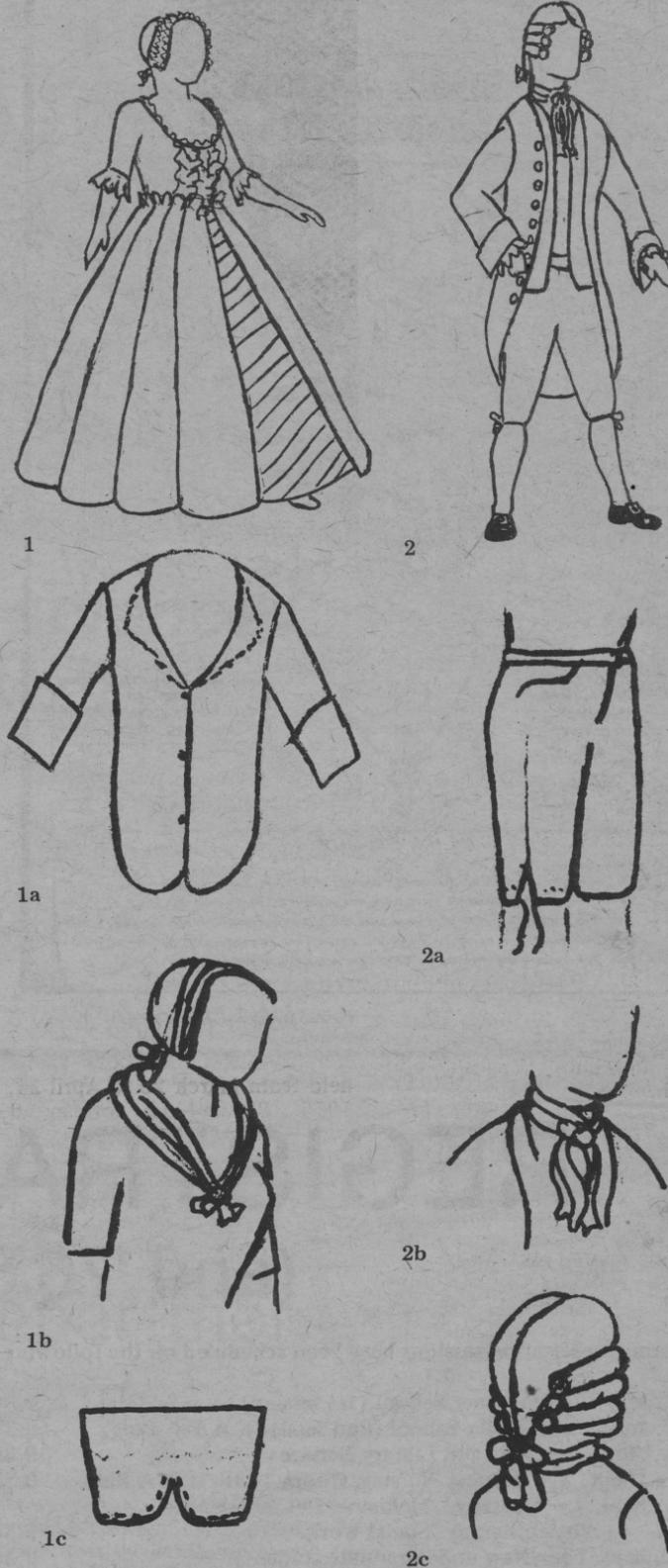
The organizing committee for the meeting urge all registrants to support a costume occasion as part of the social events for the three-day meeting.

Student organizer Ray Whitley assures them that a costume can be assembled easily out of old clothing and with household scraps.

"It can be done," he says, and to prove it he supplied a list of instructions, supplies and two period designs in a recent mailing to prospective attenders.

First the ladies: a plan for a genteel lady's costume, circa 1750 (see fig.1)...for the bodice—an old man's shirt with collar, pocket and cuffs removed, the front pinned back at the third button, and the sleeves tucked up about half way and decorated with ready-made lace. The cap sewn out of an old pillow-case and more lace trim tied with a black ribbon at the back (fig.1c). The skirt can be made from an old set of pleated curtains with a pair of slippers dressed up with lace ties.

And now, the gentlemen (fig. 2)... a pair of narrow-legged trousers cut about three inches below the knee and at the outer vertical seam; some borrowed coloured panty-hose; shoe buckles made of cardboard and foil; a modern white shirt and cravat (fig.2b); a waistcoat borrowed from a friend who is much taller; a coat from a three-quarter length dressing gown but properly pinned at the waist; and a powdered wig (fig.2c) made from two rolls of surgical cotton batten, a piece of ribbon and a crown from an old cap.



An equal balance between

1-PLENTY —to look at

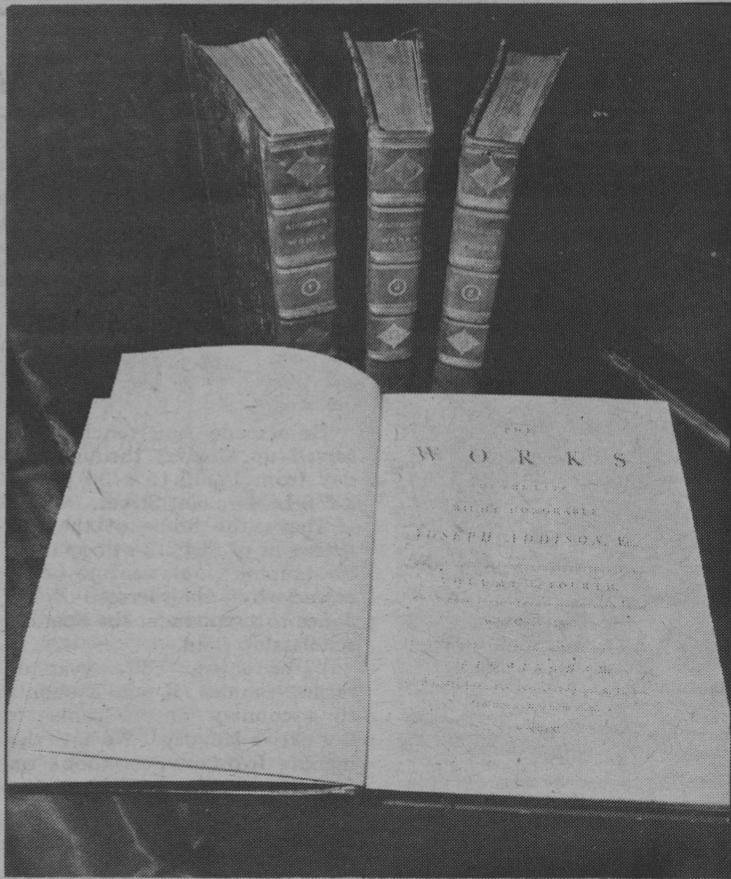
The visual will be ever present during the 18th Century conference—in art form, in social habits, in artifacts, in manuscripts and rare books, in recent publications and current research.

Much of this will be on exhibition in the Killam Library. The special collections area on the second floor and the enclosed display cases in the foyer will house a collection of manuscripts and rare books from the period.

From the Fortress at Louisbourg will come a collection of artifacts also for the foyer of the Library.

The MacMechan Auditorium will also have a special book display by prominent publishing houses. Among those contributing displays will be Presses Universitaires de France, Presses Universite de Laval, Toronto University Press, Columbia University Press, and Klincksieck. The collection will include current research and recent publication, in both English and French.

An authentic 18th Century parlor will be re-created in the Nova Scotia Archives where a special lecture entitled *Social Life in 18th Century Louisbourg* will be delivered by R.J. Morgan, acting head of research at Louisbourg Fortress.



This Baskerville edition of Addison's works will be one of the many items on view in the Special Collections area of the Killam Library from March 29—April 24.

Exhibition to be in Killam Library

The Special Collections Department of Killam Library is mounting an exhibition of eighteenth-century artifacts, manuscripts, and publications to be held from March 29 to April 24, 1976. Planned to correspond with the annual Conference of the Canadian Society for Eighteenth-Century Studies the display will be in the Lobby on the ground floor of the Killam Library and on the second floor in Special Collections.

The display may be roughly divided into two parts: artifacts, manuscripts, prints and maps dating from eighteenth-century North America; and eighteenth-century European imprints with emphasis on British literary publications. Of special interest will be artifacts from Louisbourg, loaned to the Canadian Society for Eighteenth-Century Studies for the Conference and exhibited at the Killam Library in the Lobby display cases.

Further items of interest from eighteenth-century Canada will be the Richard Short prints of Halifax and the Thomas 1750 and 1755 maps of Nova Scotia. Also worthy of note will be issues of the *Gentleman's Magazine*, *Transactions of the Philosophical Society of London*, a magnificent Baskerville edition of Addison's Works, a first edition of Johnson's Dictionary, and travel books, including the entertaining Hearn, *A Journey from Prince of Wales Fort in Hudson's Bay to the Northern Ocean...* (1795).

Other significant mentionables will include a 1754 Richardson (*The History of Sir Charles Grandison*), a 1759 Walpole (*A Catalogue of the Royal and Noble Authors...*), a 1768 Hogarth, *The Arabian Nights* (1782), and, last but not least, a 1794 Radcliffe (*The Mysteries of Udolpho*).

EVENTS CALENDAR

- April 4 ...walking tour of historic Halifax or excursion to Peggy's Cove, 10 am.
...Gleams of a Remoter World, an exhibition at 7 pm,
...Dreams and Nightmares in Literature, a talk by Dr. D.P. Varma, 8 pm.
...Reception and concert, 8.45 pm (evening events in the Art Gallery)
- April 5 ...Plenary session with Lester Crocker, visiting professor, Sorbonne, on Sade: Some Further Considerations, 9.15 am, Killam Aud.
...Plenary session with Paul Korshin, University of Pennsylvania, on Typology and Prophecy: 1750-1800, 2 pm, Rm 2958, L.S.C.
...Illustrated talk with R.J. Morgan, Acting Head of Research, Louisbourg, on *Social Life in the Eighteenth Century*, 5.15 pm, Nova Scotia Archives.
...Banquet address by Clarence Tracy, president, Humanities Association and Humanities Research Council, 7.30 pm.
- April 6 ...Plenary session with Robert Niklaus, visiting professor, U.B.C., on *Eriphyle et Semiramis*, 9 am, Killam Aud.
...Costume Ball and film, 8 pm, Great Hall, Faculty Club.

2-PLENTY —to do

Out-of-towners at the spring meeting will have lots to see and do during off hours from the conference sessions.

A walking tour of historic Halifax or a bus trip to Nova Scotia's famed Peggy's Cove will attract the many visitors attending the conference.

Mr. Lou Collins, a Halifax native, city historian and chairman of the Halifax Landmarks Agency, will conduct the walking tour with the assistance of Caroline Farrell, French professor now serving with the federal government, who will act as interpreter.

Mr. Collins has written a number of essays for the Nova Scotia Historical quarterly and Canadian Antiques. His talk for the conference delegates will focus on the original town site of Halifax.

The Peggy's Cove tour, a must for visitors from away will have Sally Ross from the French department as their tour guide.

The N.S. Minister of Tourism, Dr. Maurice DeLorey, will present the Order of the Good Time to all conference guests. In addition, there will be a special presentation made to: Lester Crocker, one of the world's leading 18th Century scholars;

Paul Korshin, established scholar and professor of English, University of Pennsylvania; Robert Niklaus, visiting professor at the University of British Columbia; William Ascher, a student of the works of Rousseau; Henri Coulet, Universite d'Aix Marseille, an important 18th Century authority; and David Williams, McMaster University, an author who has written extensively on 18th Century women.

A banquet, a reception in the Art Gallery, and a costume ball will round out the social calendar for guests.

Reports of the forthcoming 18th Century Studies conference by Roselle Green.

established and young aspiring scholars

WILLIAM EPSTEIN: Asst. Professor of English, Purdue University; author of a recent book on Cleland and of numerous articles on biography, its theory and practice.

JONATHON PEIRCE: graduate student and tutor, Department of English, Dalhousie; author of several reviews and creative works; completing his doctoral dissertation; highly recommended by his professors.

R.J. MORGAN: Acting Head of Research, Fortress of Louisbourg National Historic Park; expert on the social and institutional history of Acadia.

CLARENCE TRACY: Professor Emeritus, Dept of English, Acadia; President and Secretary-Treasurer, Humanities Association and Humanities Research Council; President, Johnson Society of the Northwest; author of *The Spiritual Quixote* (Oxford 1967), a biography of Savage, and articles on Johnson.

ROBERT NIKLAUS: Past President, British Society for Eighteenth-Century Studies (1970-1972); Past President, Association of University Teachers and International Association of University Professors and Lecturers; Treasurer, International Society for Eighteenth-Century Studies; General Editor, *Textes*

Francais Classiques (Univ. of London Press); author of critical editions of Rousseau, Diderot, Marivaux and Voltaire; author of books on Beaumarchais, Diderot and Drama; author of *A Literary History of France: The Eighteenth Century* (London 1970).

DAVID A. GOODREAU: Asst. Professor, Dept. of Art History, Carleton; Fine Arts editor of *Philological Quarterly*; co-chairman of the Art History Symposium at the Univ. of California at Los Angeles; author of several articles and papers.

GERARD G. LECOAT: Visiting Assoc. professor, Humanities Program, University of Washington; Associate Editor of the *Journal Suisse Illustre*; consultant for Eighteenth-Century Studies and Western Speech; has taught aesthetics, comparative literature, philosophy and art; author of over 50 articles in art, music and aesthetics; author of course manuals for teaching music.

RAYMONDE GAUTHIER: member of the Groupe de Recherche en Art du Quebec, Universite Laval; author of "The Art of Tabernacles in 18th-century Quebec" at the Laval conference of the Canadian Society for Eighteenth-Century Studies.

MARIE-LAURE SWIDERSKI: Professor Adjoint, Dept of French,

University of Ottawa; author of several articles on Marivaux and Challe, and *The Image of Women in Literature*; doctoral dissertation, "The Woman in Challe's Works", from the Universite de Grenoble.

ANN J. STRAULMAN: Asst. Professor of English, Western Ontario; author of several articles and papers read at the Conference on Women's Studies in Higher Education (Univ. of Calgary); commentator at the International Congress on the Enlightenment (Yale University).

BERNARD BRAY: Director of the Institut d'Etudes francaises at the Universite de la Sarre; former chairman, Dept of French Studies, University of Utrecht; author of numerous articles in established journals.

GARY KELLY: holder of a Canada Council Post-Doctoral Research Fellowship, Dept of English, University of New Brunswick; author of three books and several papers; specialist on Godwin, Wollstonecraft and the late 18th century.

DAVID WILLIAMS: Professor of French, Dept of Romance Languages, McMaster; author of several articles on Voltaire, including "La Critique litteraire" and "Les Commentaires sur Corneille"; has also written on Women in the 18th Century; organizer of the McMaster Association

for Eighteenth-Century Studies; co-editor of *The Varied Pattern: Studies in the 18th Century* (Toronto 1971).

DAVID SMITH: Chairman, Dept of French, Victoria College, University of Toronto; currently working on a critical edition of the letters of Helvetius; author of books and articles on Voltaire and Helvetius.

IAN ROSS: Professor of English, Univ. of British Columbia; author of a biography of Adam Smith; former chairman, Scottish Enlightenment section, International Society for Eighteenth-Century Studies; authority on Hume and Scottish poetry.

JOHN N. PAPPAS: Professor of French, Fordham University; author of numerous articles on Diderot, Rousseau and Voltaire in *Diderot Studies*, *Betserman's Studies on Voltaire and the 18th Century*, and in the *Revue d'Histoire litteraire de France*; former Fulbright scholar; editor of the complete correspondence of d'Alembert.

DAVID H. JORY: Professor of French, University of New Brunswick at Saint John; has published in three areas: French 18th-century theater, 18th-century French literature, and Greek antiquity and philosophical ideas in Acadia; author of papers at the 1971 Atlantic Society for

Eighteenth-Century Studies conference and at the 1975 International Society for Eighteenth-Century Studies congress.

ROGER LEE EMERSON: Asst. Professor of History, University of Western Ontario; author of 8 articles, numerous reviews and 9 papers; has published in outstanding journals.

CLAUDE RIGAUULT: Professor of French, Departement des Litteratures, Universite Laval; Vice President for French Language and Literature, Canadian Society for Eighteenth-Century Studies; regional coordinator for correspondents of the French Society for Eighteenth-Century Studies; author of works on Marivaux and the Burlesque; currently working on the aspect of language and structure in travel and utopian literature; co-editor of editions of 18th-century texts concerning New France.

JAMES MACADAM: Assoc. Professor of Philosophy, Trent Univ., author of "Rousseau and the Friends of Despotism" (Ethics 1963), "What Rousseau Meant by the General Will" (Dialogue 1967), and "The Precepts of Justice" (Mind 1968). former director of the Canadian Philosophical Association (1968-1970).



*Le Satyre malin le fit des le berceau.
De rien ne lay servit de hante les Coctes.
Jeune il fut Chastiteux, et Penitit des paroles.
Vieux il fut Pecheur, et ne changea de peau.*

L'Education.

*A nous porter au Bien, est en vain qu'on s'obstine.
Lors qu'on foud de nos coeurs le Mal a peu rison.
Etes vous ne mechant? vous serez toujours tel.
Rien ne peut corriger un mauvais naturel.*

L'Éducation des Satyres, gravure de Claude Gillot, Musée de la Ville de Paris.

Nightmares, Dreams in Literature

— a la Varma

A talk entitled Dreams and Nightmares in Literature will be the lead event to the three-day multicultural 18th Century Studies conference at Dalhousie, with none other than a leading specialist in the Gothic novel, Dr. Devendra P. Varma of Dalhousie.

His talk will be given in the Dalhousie Art Gallery following registration and the opening welcome by Art gallery director Bruce Ferguson.

Other fare for the evening include a reception sponsored by Benson and Hedges and a musical recital appropriate for the mood of the conference.

Mr. Lou Collins will be available to autograph his book (see social events story) and all guests will receive a copy of the history of Halifax.

L'Education from *La Vie des Satyres*. An etching and engraving by Claude Gillot from the National Gallery of Art in Washington (Rosenwald Collection).

Of the macabre and supernatural

The supernatural and the macabre are representative of the collection of prints and engravings in the Art Gallery collection of works on view from March 22—April 14.

The exhibition has been put together to coincide with the 18th Century Studies conference and is entitled Dreams and Nightmares of a Remoter World.

The items are drawn from major institutions such as the Boston Museum of Fine Arts, the National Galleries of both Canada and the U.S., and the

Metropolitan Museum in New York.

A selection such as this, not often seen in smaller centres, concentrates on a theme that was prevalent throughout the 18th Century.

Visitors taking in the Sunday evening event will have an opportunity to view the exhibition of prints and engravings in the Art Gallery which are based on an 18th Century theme and a special display in the Sculpture Court of smoking artifacts of the period.

Homemade lunches help Spanish's scholarship fund

4 students set to travel

Homemade hot lunches are served up Monday through Friday from 12:30 to 1:30 pm at 1376 LeMarchant Street.

That's the home of the Department of Spanish's noon-hour "restaurant", a venture conceived by chairperson Sonia Jones to supplement the Spanish scholarship fund.

"This is our third year of raising monies to send students to a country where Spanish is the native language. We have the income from my cookbook on Spanish cooking and now the profit from the student-run "lunches", says Dr. Jones.

Four students were awarded scholarships in a presentation March 5.

Ms. Julie Guravich, a native of Saint John, N.B., and a freshman at Dalhousie, plans to spend a couple of months in Spain mainly travelling the country and speaking the language, which she terms "musical and very beautiful".

Valerie Leir is also heading for Spain at the end of term and hopes to live with some native families during her six-week tour.

Dr. Jones says Mrs. Leir is one of a growing number of people returning to university after working and raising a family for many years. Mrs. Leir has been out of school for 32 years and this year returned with her husband Richard, a retired Armed Forces man, to full-time studies. The Leirs' eldest son Michael just graduated from the law school and they have another son attending the University of Toronto and a daughter at Carleton University.

Ms. Ann Tanner is a second-year student at Dal majoring in French. She elected to study Spanish in her first year and now expects to minor in the

language. Thanks to arrangements made by a former scholarship student Lucy Dorval, Ms. Tanner expects to find a job in Madrid on arrival there in May. She hopes also to travel the length of the country and perhaps take a course at one of the universities.

A second-year psychology major, Faye Trim, will be the first Spanish student to use her scholarship to visit Cuba. Arrangements are now being completed with the Cuban Embassy to allow Ms. Trim, a native of Guyana, to work and live among the Cubans for the summer.

The students were unanimous in their praise of Professors Jones, Holloway and Alfaro. Dr. Jones in turn complimented their team spirit and willingness to put extra effort into their studies.

Next year, Dr. Jones said, scholarship students may have the opportunity to spend a spring term at the university in Salamanca, Spain.

Marine science field course this summer

A field course in marine science for students and teachers will be offered during the second session of the Dalhousie University summer school.

The course, to be given from July 19 to Aug. 7, is made possible through the co-operation of the departments of biology, geology and oceanography.

Using field trips, laboratory, lecture and seminar techniques, the course will provide students with knowledge of the plant and animal life, and physical and geological features of a local marine environment. Topics include:

1st Week: Physical Oceanography --

Temperature and salinity observations — physical changes in response to meteorological changes — observations in layering and stratification — estimates of flushing.

2nd Week: Biological Oceanography --

Taxonomic studies — primary productivity experiments — nutrient analyses — nutrient regeneration experiments — grazing experiments — standing crop measurements.

3rd Week: Marine Geology --

Bathymetric surveys — mapping of surficial sediments by grab samples, cores and echosounding — mapping of bedrock by magnetometer and seismic reflection — lab examination of bottom sediments — navigation by radar and sextant.

Instructional staff include M. Brylinsky (biology) as course co-ordinator, R. Fournier (oceanography), D.A. Huntley (oceanography) and D. Piper (geology).

Research award for Dal medical student

Miss Jacquelyn Evans, a second-year medical student, has recently been awarded the first prize in the Phi Rho Sigma Medical Fraternity Research Award Competition for her paper entitled "Prevalence of *Enterobius vermicularis* in a Population Admitted to the Izaak Walton Killam Hospital for Children, Halifax, Nova Scotia".

This paper was presented at the annual meeting of the Tropical Medicine and International Health Division of the Canadian Public Health Association last November in Toronto, and published in the Nova Scotia Medical Bulletin, December, 1975.

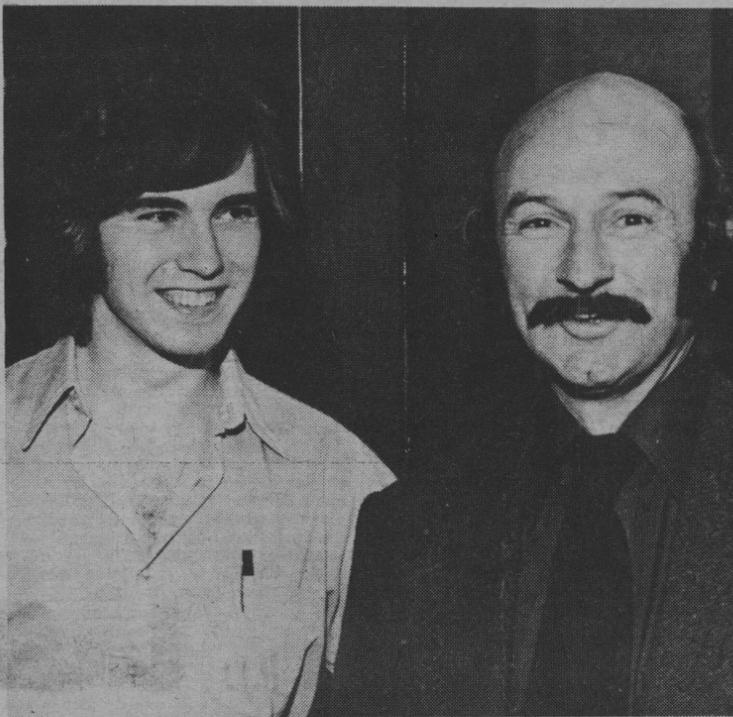
Miss Evans was one of four students selected to present her

paper to the Research Committee Friday at 4 last month.

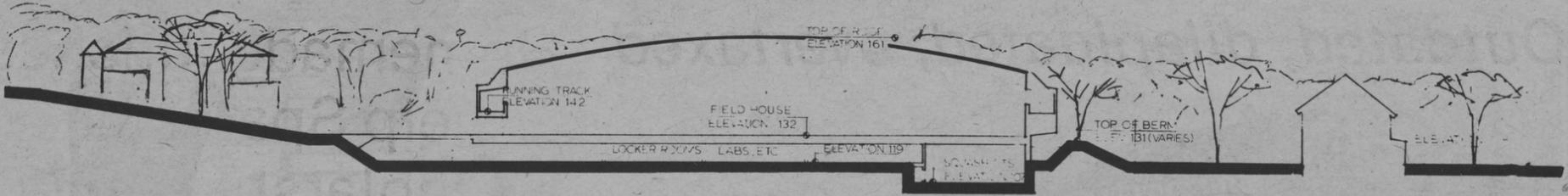
It was done as part of a Summer Research Program for medical students, 1975, under the supervision of Dr. J.A. Embil, Department of Microbiology.

As a result of this award, she has been given an expense-paid trip to the meeting of the Grand Chapter of Phi Rho Sigma Medical Fraternity in Nordic Hill, Chicago, Illinois, where she will present her paper on March 26 and will receive an honorarium of \$100 and an award certificate.

Miss Evans is the first Dalhousie medical student to receive the award.



Yale Professor Ian Sussex was guest speaker at the 7th Annual Atlantic Universities Undergraduate Biology Conference held at Dalhousie in February. Pictured here with Dr. Sussex (r) is 4th-year student Alan McHughen, one of the conference organizers.



LOW PROFILE — Architect's impression of the physical education, recreation and sports centre to go on the site behind the Stairs property south of South Street. This is a view from the west.

An asset to the community

Cont'd from p. 1

It could have been chaos...

As is evident from the photographs on Page 8, the university's present physical education and sports facilities were planned when the total population of Dalhousie was under 1,000.

Today, there are more than 8,000 students and academic and support staff of about 2,500.

The result could have been chaos, but it wasn't. The School of Physical Education and the athletics co-ordinators have done an excellent juggling job over the years, and although the sequel has been terribly overtaxed facilities and inevitable complaints, they have done their best under extremely trying conditions.

Nevertheless, Dalhousie has had for many years the poorest physical education, recreation and sports facilities for a university of its size anywhere in North America and even lags behind other smaller institutions in the Atlantic provinces.

When the new centre is built -- and that will take two-and-a-half or three years -- it will be a different story.

the Dalhousie philosophy that the activity of everyone, from the duffers to the skillful, is important. Indeed, the building will complement the proposed downtown Metrocentre because the percentage of the space provided for spectators in the Dalhousie facility will be small.

From the university's point of view, arguments that only one centre is needed in town fail because of the very nature of the two proposed centres. The Metrocentre, as far as can be ascertained, will provide facilities for conventions, exhibitions, entertainment and many spectators; Dalhousie's will emphasize participant recreation, sports and other activities.

The Dalhousie centre will be big enough to accommodate roughly five per cent of the population of the university community to take part in a variety of activities simultaneously. If we calculate the Dalhousie population -- students and staff -- at 10,000, this means about 500 participants could be accommodated at any one time in the building.

However, during the day the nature of the users will vary. It is expected that a variety of Dalhousie and community people will use the building before classes begin in the morning for practices,

varsity and intramural and some sports clinics for community youth. When classes start, much of the centre will be transformed into teaching stations for the School of Physical Education's academic and professional programs.

At lunchtimes, and in the period between the end of daytime classes and supper, the centre will be used for community and university recreation, intramurals, club and varsity team practices. After the supper hour, the pace will quicken again with leisure-time classes, competitive and recreational activities, and at weekends and during vacation times, the activities will be mixed. It will be during these times that the community needs and the university's capacity to help are at their greatest.

In any event, I fully expect the centre to be humming with a variety of activities throughout the day, and the centre will add dramatically to the "recreation supply" of the university and the city by contributing activity opportunities -- something "PARTICIPATION" has been successfully urging for Canadians for some time.

Always important to academic programs, research plays a substantial role in the new centre. For the first time the School of Physical Education will be able to consolidate its research activities in

one area, which will be next to those areas where the activities under study are being practised.

Research activities at the moment are housed in temporary accommodations in three locations on campus, and it is difficult to bridge the gap between laboratory and the practical setting. So when the laboratories for teaching and research are consolidated, it will enable the spin-offs of research, the charting and guiding of the preparation of all kinds of participants, to take place much more easily and cheaply.

It is expected that, in conjunction with other units in health sciences, preventive and rehabilitative activity for those with diseases or ailments induced by our sedentary lives will become important programs.

Therefore, the proximity of the indoor jogging track, the swimming pool, exercise and training rooms will allow service and research programs to advance side by side.

Every effort is being made to minimize the impact the building will have on the residents whose properties abut on the site. There will be only one entrance to the centre, and this will be from South Street. There will be no access to the area of land between the building and the residents' property lines, and that same area will be

mounded and extensively landscaped. Thus the privacy and amenities of our neighbours' back gardens will be preserved and the noise level will be lower than that generated by activity which normally took place on the practice field.

Since the centre will not project above the level of the existing buildings on South Street, the existing houses will be retained and the whole area up to South Street landscaped, and the impact on the "streetscapes" of the area will be minimal.

I believe that when the centre is completed, our neighbours will be delighted that there is such a high quality facility next door.

Overall, however, we believe the centre will provide for Dalhousie, the metropolitan area and the province the same kinds of enrichment that came with the opening of the Dalhousie Arts Centre. The activity content will be different, but the opportunities to involve and serve all those in the wider community who are interested in all those things that make up health education, physical education, recreation and athletics are the same.

cont'd from p.3

Energy policies which ignore the possibilities of a continuation of the climatic deterioration since 1940 threaten a serious energy shortfall which may have widespread economic effects. Man's energy requirements are now a potential geological and climatic force. Increasing levels of Carbon dioxide may increase surface earth temperatures due to the "greenhouse effect", while increasing levels of particulates (soot and fly ash) may decrease incoming radiant energy and therefore contribute to decreasing air temperatures.

There are many biological and physical features which faithfully record and integrate environmental parameters better than any instrumentation yet devised. Such things as dates of freezing and thawing of lakes, disappearance of snowfields from mountain peaks, dates of return of geese or ducks, and the flowering of spring plants all respond to climate more than weather. Over long periods of record, these values are more indicative of climatic change than the sterile white boxes of the meteorological service which measure weather at the height of the observer's nose.

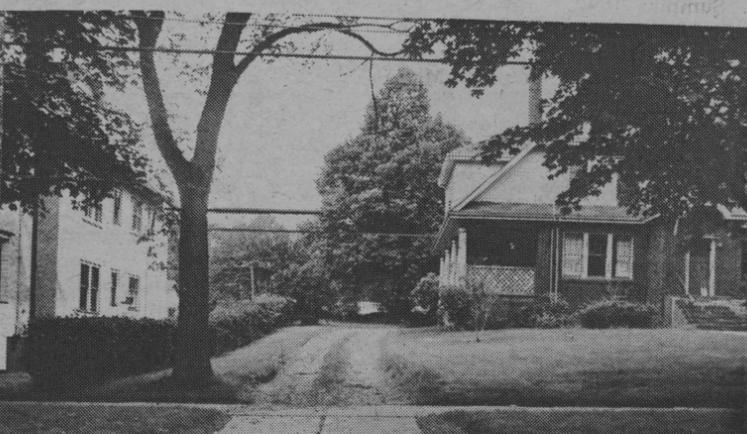
We all have a stake in the effects of climatic change. Perhaps we should refute Mark Twain's observation and "do something about the weather." Understanding might be a start.



ABOVE: View from Studley Avenue through to the site of the centre; the heavy (top) line between the driveways of the houses shows the highest point of the roofline of the centre; the lower line indicates the top of the building's walls.

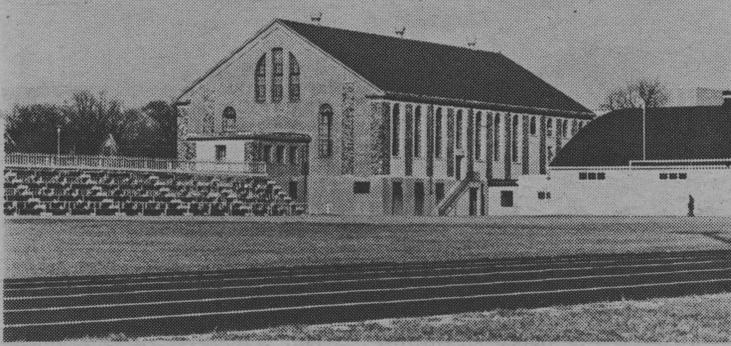


BELOW: View from Oakland Road, with lines indicating the roof and walltop lines as they will be seen from the road.



Dal's present phys ed, recreation and sports facilities...

Outdated, dilapidated, overtaxed

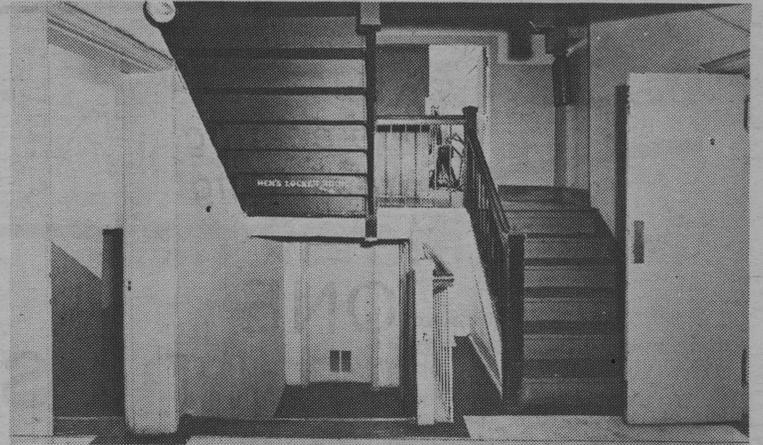


Except for the practice field south of South Street, the ancient gymnasium, the rink, the perished-rubber track and the balding Studley Field represent the sum total of the university's all-too-inadequate physical education, recreation and athletic facilities at the moment.

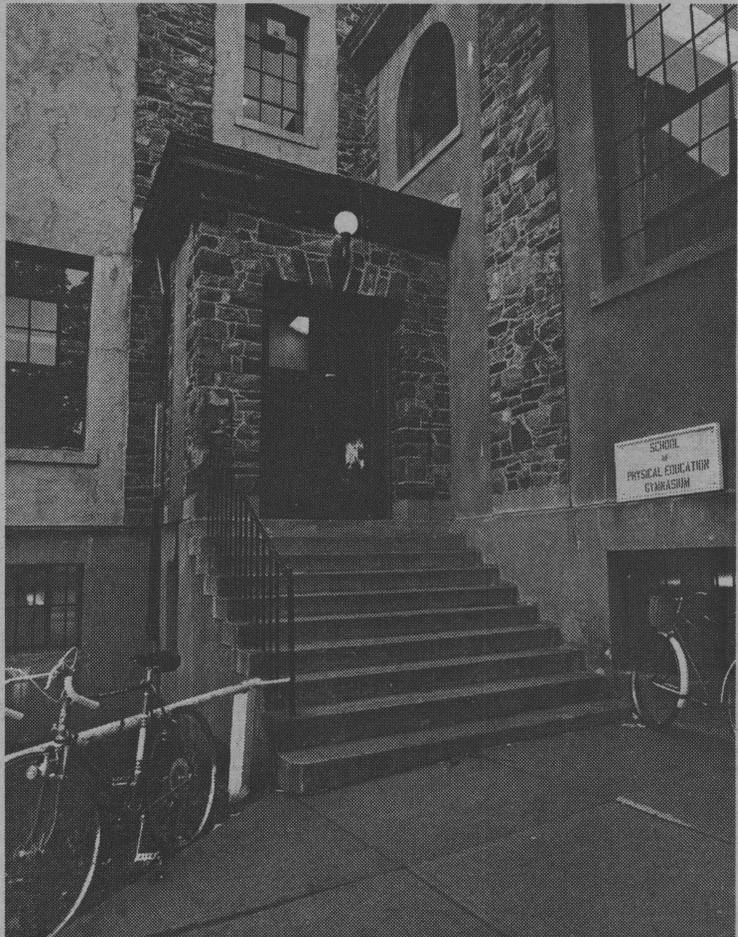
"High schools have better facilities than Dalhousie... The locker rooms are a disaster area, the gyms too small... we have to fight over space."

← Gymnastics coach June Thayer, reported in University News, April 18, 1975. →

Less than inviting, the main lobby to the gymnasium.

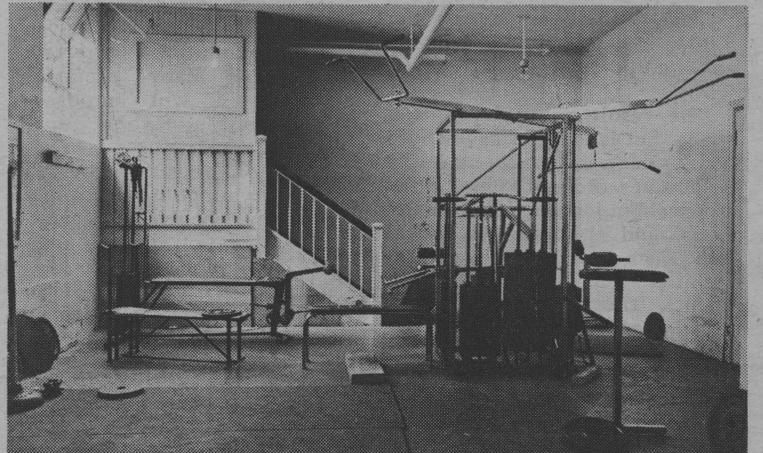


"Dal's facilities are, to be blunt, terrible. High schools have better facilities. We have a hard time recruiting; potentials look at the locker rooms and see a disaster area. The gyms are extremely small. We have to fight over space. The intercollegiate girls' gym team were obliged to meet from 5 am to 8 am - there was just no other time available. That demanded dedication. And unfortunately most of them are "over the hill" as far as developing olympic potential - they just never had the chance to get really involved in the sport."



The uninspiring entrance to the gymnasium.

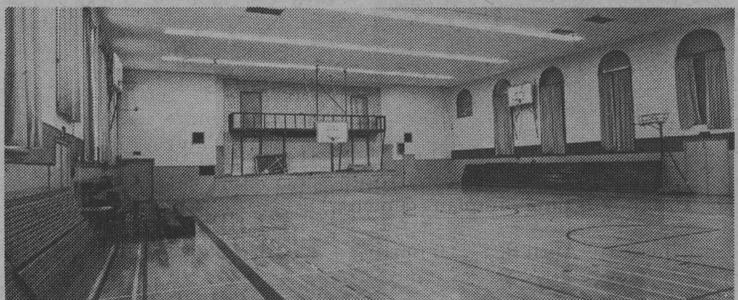
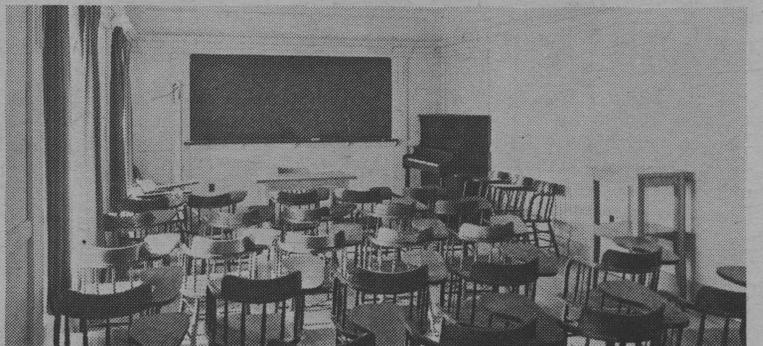
Weight room.



-- Dance teacher Pat Richards, reported in University News, April 18, 1975.

"However, the facilities here are very poor. For instance, I spend a look of time choosing music that will turn the students on, that they can relate to. Just as we're getting it together some weightlifters will walk through the room, or there will be a terrific crash next door destroying the whole mood. One year, we had buckets all about the gym catching drips from the leaks in the roof. It was like dancing under a waterfall!"
Ms. Richards, choreographer and teacher, speaks and mother, will be working with June Thayer...

Classroom.



In fair condition but in constant use, the only gym floor at the university.

Showers, shabby.



The Olympics are coming...
The Olympics are coming...

BUT NO ONE SEEMS TO CARE

-- says Dr. Sandy Young, sport
history expert at the School
of Physical Education.

That was far from the case when the Olympiad was staged in ancient Greece, says Dr. Young.

In those days, the games were a religious festival witnessed by about 40,000 people who converged on Olympia, the site of the games, to pay homage to the Greek God Zeus.

Two days were spent in worship and three viewing the contests. One of many religious events, the games were called

every four years. So significant were they in the lifestyle of the people that warring states made peace; men did not do battle so that the festival could take place.

The first recorded event was in 776 B.C. The Olympics as we know them began in 1896 when Baron Pierre de Coubertin, a French scholar, philanthropist and nationalist figured largely in the Athens games of that year. It had all the pageantry and

spectacle of the ancient Greek games, and was considered a success in an era when sport interest and competition was second in importance to the spectacle of the event itself.

Following two unsuccessful contests in Paris and St. Louis, the 1908 London games really set the stage for the modern Olympics — an international competition made up of physical contests.

The modern-day Olympics give rise to a number of concerns, according to Prof. Young.

"I am concerned that the spectacular and the sensational (drug-taking, the politics, the rivalry, the Munich massacre) emphasized by the media are in fact the negative aspects. Although they are newsworthy, they overshadow the good that can come from an event such as the Olympics."

He claims there does not appear to be any positive actions at

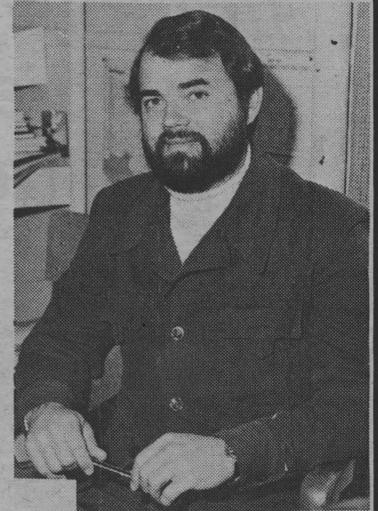
the games that can compare with the negative ones. This is partly because the positive side is often difficult to verbalize.

The enchantment with the games and the personal fulfillment that an athlete experiences transcends any problems that may arise... "but it's a pity that this aspect is rarely expressed or reported."

"I perceive the games as an example of supreme sportsmanship in international competition but little if anything is ever said about this... It represents a positive image for young people to emulate."

An important question that must be raised is the significance of the games at a local or grass roots level.

"Here there is little excitement or stimulus about the games. Young people's expectations of even getting close to qualifying for an international competition rarely surfaces."



Dr. Young

The record-breaking achievements of the young Halifax swimmer, Nancy Garapick is, he says, tangible evidence that even in remote places where training and facilities are limited, it's still conceivable that athletic talent can be nurtured, that young hopefuls can not only dream but actually aspire to Olympic heights.

"Miss Garapick's wins give all of us a feeling that maybe within our midst someone may have the potential and have the opportunity to compete."

Killam lecture by defence critic

Often labelled "Canada's best known defence critic", James G. Eayrs will be in Halifax next Friday (March 26) to deliver a Dorothy J. Killam Lecture at 8 p.m. in the lecture theatre of the Weldon Law Building at Dalhousie.

The lecture honors Dorothy and Izaak Walton Killam for their generous benefactions to the university. The lecture is open to the public.

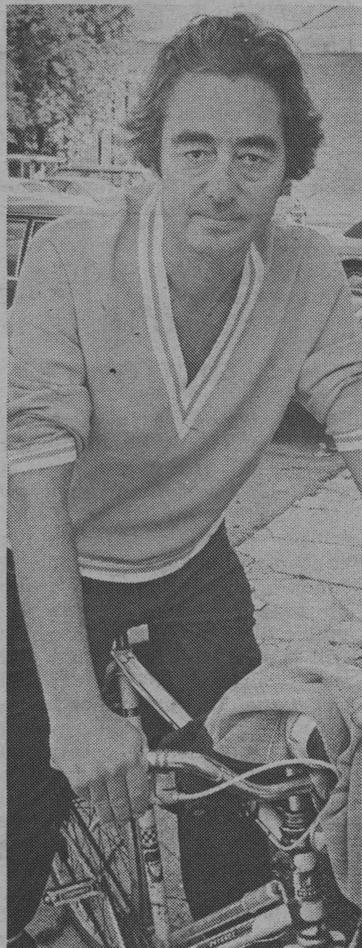
"The Diplomatic Eye: 'Image, Reality and Foreign Policy'" is Dr. Eayrs' lecture concern. He is a professor of political economy at the University of Toronto and a well-known critic and commentator.

As he himself says: "Much of what I've written falls into one or other of four related by distinct themes: world politics and strategy; academic life and times; heroes and others; and roughing it in the bush-garden of our Canadian society."

His list of books and articles fills many pages and indeed he is a regular contributor to the Toronto Star and frequently called by news networks and papers for his opinions.

He often refers to an Emerson quotation when challenged on his criticisms. "Speak what you think today in words as hard as cannon-balls, and tomorrow speak what tomorrow thinks in hard words again, even though it contradicts everything you said today."

Dr. Eayrs' Killam lecture on diplomacy will examine with an enlightened eye the images, realities and foreign policies of Canada, presenting the whole in an enjoyable manner.



James Eayrs

DENTAL MATERIALS EXPERT MRC VISITOR TO DALHOUSIE

Dr. Dennis Smith, professor of dental materials science at the University of Toronto and a leader in his field in the world, will be a Medical Research Council visiting professor at Dalhousie's Faculty of Dentistry next month.

Dr. Smith, author of about 100 publications on his subject and worldwide lecturer, was invited to the dental school to emphasize the importance the school places on dental materials science. Next week, on March 22 and 23, a continuing education course on dental restorative materials will be held. Dr. Smith's visit is from April 5 to 10.

Dentistry is perhaps the only profession in which the success or otherwise of most treatment procedures depend on the materials associated with the treatment, says Dr. Derek W. Jones, who is in charge of materials science at the dental school.

"Many of the dental restorative and accessory materials of today have been in use for some time, yet little scientific information about them has been available until recently. As the late Eugene Skinner said: "The use of materials in dentistry was an art and the only testing laboratory was the mouth of the long suffering patient.""

At Dalhousie, a dental

materials science course is taught to first-year dentistry students and dental hygienists are also given a course. Further lectures are given throughout the second, third and fourth years. Fourth-year students also have a seminar program on dental materials, as well as an elective program in which they may undertake a supervised research project, which may be in the subject of dental materials science. Students are encouraged to become involved in research activities before and after graduation, said Dr. Jones.

"It is my aim at Dalhousie to devise and develop with my colleague Dr. E.J. Sutow new and improved standard test methods for the evaluation of dental materials. The establishment of improved standards may well stimulate improvements to existing materials and the development of new materials. The aim will be to compare the laboratory measured values with the materials performance in practice, which will lead to a better understanding of the relative importance of these properties. A materials evaluation program will be both beneficial to, and stimulated by, the active continuing education program.

"I believe that Canada must have a voice in the development of international standards for the evaluation of dental

materials. Such standards are based not only on the need to protect the dental profession but the patient who is a consumer as well. There is a definite need for Canada to have the facilities to carry out independent testing to establish conformity to standards, since different or modified materials may be exclusively supplied to the Canadian market. Many of the existing national standards for materials are far from ideal in that they do not simulate closely enough the clinical situation.

"A major aim at Dalhousie will also be to establish a viable long term research program in bio-materials, to study the physical, mechanical and chemical properties of a wide range of restorative dental materials and their interaction with the oral environment. An intensive study is planned on three of the most commonly used dental bio-materials, namely: composite filled resin materials, amalgam and nickel-chromium and other base metal alloys used for cast restorations and implants. As part of the overall goal to develop improved composite restoratives an investigation has been initiated dealing with the marginal seal of these materials to the cavity wall of the tooth."

Cont'd on p. 15

IN THE NEXT ISSUE OF UNIVERSITY NEWS ...

Dr. Sodhi of Education.
To Know Ourselves -- the Symons report on Canadian Studies.

Physiotherapy's continuing education efforts.

The DFA's Community Relations Committee.

Wheelchair route map of the campus.

Teaching and Learning -- what the students think.

Dal-King's Cultural Studies, and other items.

(all of which had to be held over from today's issue because of lack of space).

Smith open seminars:

Monday, April 5, 8-9.30 pm.
Lecture Theatre D, Tupper Building.

"Bonding of Materials to Tissues"

(Bonding of materials to tooth, acid etch, adhesive cements, bonding to bone, implant cements).

Thursday, April 8, 8-10 pm.
Lecture Theatre D, Tupper Building.

"Materials for the Construction and Fixation of Implants"

(Types of implant materials, biological compatibility, physical properties, methods of fixation).

Interdisciplinary ingredients add up to rare MSc

When two members of the Mathematics Department joined a biophysicist on a problem of endocrine kinetics posed by a physiologist investigating infertility and amenorrhea in women, it created an outward flow of ripples that has resulted in a biomathematics course of study for graduate science students.

The combination of ingredients for the course was a mixture of Dalhousie mathematicians interested in applied problems and a biophysics group with an 'entree' into the world of medical and physiological problems. It was launched in 1974 when the Faculty of Graduate Studies advertised and made available a \$4500 entrance scholarship in the biomathematics subject area.

Within the parameters of the project, students can elect to take a Master of Science degree in either the Department of Mathematics or Physiology and Biophysics. It's a two-year commitment involving course work in these disciplines plus a thesis based on a theoretical analysis of a research problem in physiology or medicine. Core classes for

BY ROSELLE GREEN

each student's curriculum are dictated by the individual department's requirements.

Anchormen are W.R. Smith in math and I.W. Richardson in physiology and biophysics. Behind them is a loose federation of interested staff supported by the departments and faculties concerned. One of the attractions this year has been the appointment of Dr. Robert Rosen, a mathematical biologist and Killam Research Professor attached to the physiology and biophysics section.

Professor Smith's interest in this interdisciplinary teaching program is typical of his collaborative activities which reach out to encompass medicine, chemistry, physics and biology.

One of his investigative projects has to do with mathematical models of the human reproductive system. The study involves an examination of the relationship among various hormonal and glandular components of the human reproductive system in order to be better able to control its function and help to diagnose disorders. Through the use of modelling, he said, an impact has been made on the medical aspects of this experiment and scientists are now carrying out further studies based on the mathematical findings.

'Adaptive fishing theory' is yet another activity he has in progress. It is associated with the control theory and fisheries management work he is pursuing under an IBM fellowship award* he received last fall. The adaptive harvesting theory when applied to fisheries means that although all the parameters for future prediction are not available, one can utilize the partial information and optimize the fish harvest for a given year.

* The IBM grant is to enable Dr. Smith to apply the techniques of search theory to seek the best strategies for fishing fleets in relation to the distribution of fish in ocean waters.

Dental table clinic at SUB on Monday

The annual table clinic presentation by Dentistry and Dental Hygiene students will take place in the McInnes Room of the Student Union Building, commencing at 7:30 p.m., Monday, March 22.

A table clinic presentation is a table-top demonstration of a technique or procedure concerned with some phase of research, diagnosis or treatment as related to the profession of Dentistry.

It is the purpose of the table clinic program to stimulate ideas, improve communication and most of all increase the students' involvement in the advancement of his profession.

All faculty, staff and students are welcome to attend.



Organizers from Dalhousie University, host for the 1976 conference of the Canadian Federation of Biological Societies, met representatives of the various groups last week to sort through over 700 abstracts which will be presented at the June meeting. (A/V Services)

Dal to host 1600 for Biological Federation meet

Dalhousie University will be host to over 1,600 delegates attending the annual conference of the Canadian Federation of Biological Societies June 14 - 18.

Representatives of the eight societies comprising the federation (the Canadian Physiological Society, the Pharmacological Society of Canada, the Canadian Association of Anatomists, the Canadian Biochemical Society, the Nutrition Society of Canada, the Canadian Society for Cell Biology, the Canadian Society of Microbiologists and the Canadian Society for Immunology) met the Dalhousie organizers March 10 to review the

730 abstracts submitted for presentation.

Dr. John Hamilton, honorary secretary of the federation, estimates that 14 simultaneous sessions will be running during the conference. In addition, there will be displays of major scientific distributing companies and book publishing firms, tours of local facilities, and social activities. Each society generally holds its business meeting at the federation conference.

Miss Joan Mallett, executive secretary of the federation, said that most visiting delegates will be housed either in Dalhousie or Saint Mary's residences.

Arts on campus panel March 23 at the Mount

A wide-ranging examination of problems and prospects facing the arts at post-secondary institutions will be discussed by experts at Mount Saint Vincent University on March 23 at 8 p.m.

Mary Sparling, Mount art gallery director, will moderate a panel of five from Nova Scotia colleges and universities. Two presidents, Dr. Garry Kennedy, College of Art and Design, and M. Louis Comeau, College Ste. Anne, will join Ronald Shuebrook, artist and lecturer from Acadia; Gary Karr, musician and artist-in-residence at Dalhousie; and Eric Perth, cultural co-ordinator at Dalhousie.

"Arts and the Campus" is expected to deal with all facets of the arts as they exist in university communities.

The discussion will be in the Seton Academic Centre, Auditorium D, and is open to the public.

Miners sing at Cohn tomorrow

The Men of the Deeps, North America's only coal miner chorus, will appear in concert at the Cohn Auditorium tomorrow (March 20) at 8:30 p.m.

The specific purpose of the concert will be to assist in raising funds required to send the group on a tour of the People's Republic of China. The tour, which will take the singing miners and their songs of Nova Scotia and the Cape Breton mining communities to remote mining villages and industrial centres in Northeast China, is scheduled to take place June 1 to 18.

The Men of the Deeps are active and retired coal miners ranging in age from 21 to 71. In its brief history the group has sung its way into the hearts of Canadians. Since their inception in 1966 as part of Cape Breton's contribution to Canada's Centennial Year, The Men of the Deeps have performed throughout Eastern Canada, Quebec, Ontario and the Prairies. During the summer the chorus has been invited to perform at the Olympic Games.

The proposed visit to The People's Republic of China evolved as the result of an invitation from the Chinese Embassy following a performance by The Men of the Deeps on Parliament Hill in Ottawa on July 1 last year.

Television Services - has been relocated in Room 1332 of the Life Sciences Centre, and is able to continue most functions previously offered.

Phone - 424-6578.

DOROTHY J. KILLAM MEMORIAL LECTURE

with

JAMES G. EAYRS

"The Diplomatic Eye: Image, Reality and Foreign Policy" 8 pm, March 26, Rm 115, Weldon Law Bldg.

IMMUNIZATIONS

Students planning overseas travel this summer should start their immunizations now. These can be given by appointment with Dr. G. Service, Dalhousie Health Service, 424-2171. Are your booster shots up to date?

MANAGEMENT AND THE FUTURE: PROBLEMS OF INFLATION

a televised series sponsored by the Advanced Management Centre in co-operation with CBC-TV 10.30-11 am, March 22-26, CBHT



In a record two days, 5,000 envelopes were stuffed with statements of standing. The Registrar's Office contracted the Adult Services Centre of Halifax to do the job. Pictured above are 13 members of the centre with their supervisor. (A/V Services)

Real biology explosion yet to come

— Rosen

Robert Rosen, in his Killam inaugural lecture, outlined the future perspectives in biology.

The scientific ferment in biology in the last two decades represented just a small fragment of what it would become... the real explosion was yet to come, he said.

Up to now biology had been a science and network of ideas drawn from other sources and, for the most part, made possible by tools and techniques from other disciplines such as physics and biochemistry.

In a sense biological concepts had been imported from outside. But not so in the years ahead, he predicted. The future of biology lay in the exporting of ideas using analytical tools.

Dr. Rosen is a mathematical theorist who holds his appointment in physiology.

"Anti-Jewry campaign beyond S/F"

The destruction process of European Jewry, begun in the early thirties, could not even have been predicted in a science fiction form, according to Raul Hilberg, a Vermont professor of political science, who addressed a large public audience at Dalhousie, last week.

There was no central agency to expedite the most permanent act of the Nazi regime and yet it occurred in a step-by-step, organized fashion from the moment the term Jew was defined by the German civil service, through the physical separation of the Jewish and German communities, the disruption of their economic livelihood, their ghettoization and their transport to the death camps by the highly sophisticated German railroad system.

ON THE SPEAKERS TRAIL

with Roselle Green

Threat to ozone: global action needed, says climatologist

Kenneth Hare, Director, Institute of Environmental Studies at the University of Toronto delivered two lectures as part of the Man and the Biosphere series when he visited Dalhousie last week.

He told a public forum that the major stratospheric problem before us was the fear of diminution of the ozone layer. It would mean, he said, an increase in ultra-violet radiation, an increase in the incidence of skin cancer, and genetic changes in vegetation.

The most serious threat at the moment was the release of freons into the stratosphere. The evidence, although not fully documented, suggested that it would significantly decrease the amount of the ozone layer. However, in the face of certainty in this regard, global action would have to be taken at once to prevent the further manufacture of freon-producing products in the light of its potential danger to man, animals, crops and natural ecosystems.

Dr. Hare, a geographer and climatologist, also spoke to a

Resource Economics class about the relationship between climate and food production. Factors to be considered in this arena were dry land subsistencies where excessive draughts had occurred; wet land subsistencies that had experienced crop loss through flooding; and the export-import economy on which advanced countries such as Canada, U.S. and Australia thrived.

There was no way of predicting the future of next year's crop, nor was there any method of forecasting weather with any real degree of certainty. The emphasis must now be on research into long term aspects of climate behaviour; a shift to research in dry land crop production; and a move to a strategic reserve system for food.

Canada had a role to play, not only by increasing its own food surplus but in the scientific area. Dr. Hare was confident that Canada had the capacity to sponsor local and area development of research and technology, and had already made significant strides in this direction through CIDA and IRDA.

Telephone industry attacked

Two distinguished personalities, in Halifax to address the Law Faculty's conference on Telecommunication, took issue with the telephone industry.

Nicholas Johnson, keynote speaker and a recognized authority in the field of telecommunications and broadcasting regulation, said the industry would have to ask itself some important questions.

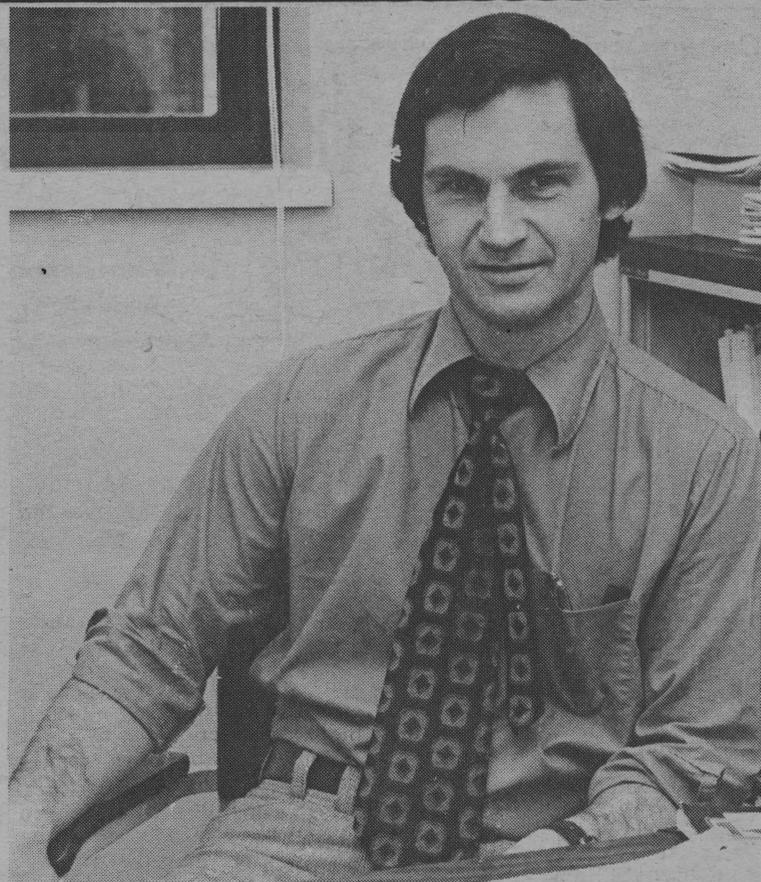
The areas of concern would be related to economic issues, costs of subsidization — were they warranted; the impact of its policy and its implications for urban design; cost of participating in telecommunications; the whole question of privacy; employee relations; issues surrounding government regulation and organization.

Andrew J. Roman, former general counsel to the Consumers Association of Canada drew on his experience in that

position. He claimed that monopolies such as telephone companies could capitalize on its own information and expertise when it appeared before a tribunal or hearing.

Also in their favor was the fact that there was no opposition or competition, and under such circumstances, the regulatory body could not credibly refuse their requests. Adversary groups on the other hand would never be considered a serious threat to the monopoly unless their "clout" could be felt.

He maintained that the only way this could happen was if these interest groups could secure adequate funding from the private sector, or if other techniques for consumer protection such as public interest law groups, Board counsel, or special public interest counsel appointed by the Attorney General were considered.



Dr. Hayne

How the arsenic was diagnosed

By
Roselle Green

"The opportunity to detect an environmental problem before it can cause serious harm to the population or to prevent a disease situation from occurring is significant to me as a clinician and an investigator," says Dr. Ormille Hayne (above), hematologist who recently diagnosed a case of arsenic poisoning.

Chronologically the events went something like this. A patient with evidence of anaemia, complaining of a burning sensation in his feet, was referred to internist Hayne. The patient was admitted to hospital where he underwent thorough and repeated investigation. It appeared that the patient had a complex type of problem that did not fit into one disease entity. Continued testing did, however, uncover the underlying cause — that of arsenic poisoning.

An investigation into the past family history and a check on the patient's wife and children also revealed evidence of poisoning. The provincial health authorities were notified and a task force has now been set up to study the problem in the Waverly area of Nova Scotia where contamination of drinking water resulted in the poisoning case.

Dr. Hayne, a lecturer in Dalhousie's Department of Medicine and an assistant hematologist with the provincial Pathology Institute, said the condition appears in ectodermal tissue such as hair, nails and skin. In cases of acute poisoning, a person experiences nausea, vomiting and shock. The chronic form of the disease is insidious. The patient suffers from a burning sensation in the hands and feet; they develop hematological abnormalities, skin changes and a husky voice. The treatment is to remove the cause.

As a direct spin-off, Prof. Amares Chattopadhyay has se-

cured samples of the human hair for further studies in the Trace Analysis Research Centre, where he applies nuclear techniques to determine trace elements in environmental materials. He plans to section the samples in one centimeter portions and analyse them for arsenic content. Because human hair grows about one centimeter per month, it will give him some history of the extent of exposure — gradient or continuous.

Dalhousie geologist Marco Zentilli told University News that geologists have been predicting the possibility of arsenic contamination in drinking water for the past two years. Zentilli, who offers a second-year class in environmental geology, recently discussed this very question with his students. He explained that sulphides (pyrite or arsenopyrite) occurring in rocks, once they are disturbed and put above the water table tend to become unstable. They come in contact with oxygen, are oxidized, become soluble and enter the groundwater. Bacteria, present in the environment further increases the rate at which the process takes place.

Mine dumping, crushing of slate for road fill, road salting, fragmentation of rocks and minerals in general increase the surface area and accelerate the rate of oxidation, he said.

There are 102 gold districts in Nova Scotia of which 60 are producers, so the problem of arsenic content in water is probably widespread. Some of the problems associated with the arsenic levels in drinking water are not as a result of man's activities, but he admits that others may be due to lack of control. The only real precaution, he said, is to ensure that the drinking water is safe and that it complies with proper health standards.

A power chair for Donna

conscientious, she remembers the student occupation of the President's Office and the "Pinkerton" man who sat by her side all day.

It was while she was employed at Dalhousie that Donna began to experience difficulty in walking and eventually ended up in hospital, where a delicate operation was unable to remove the growth on her spinal cord.

Today, Donna accepts the fact that she will never walk again. Her spinal condition has resulted in severe and extensive paralysis of most of her body.

With tremendous determination, Donna has continued to do light household chores and look after herself and her daughter Tanya as best she can. Needless to say, carrying on all activities from a wheelchair is a difficulty most of us can't comprehend.

It's agreed by her doctors that she should move to an electric wheelchair. The Canadian Paraplegic Association has no available resources for purchasing such chairs. What is needed is a major contribution from friends and colleagues of Donna's at Dalhousie.

In 1971, those who had worked closely with Mrs. Crawford raised some dollars to help her adjust to confinement.

Now another campaign is beginning in order to help to put Donna in a power wheelchair. All donations should be made out to:

THE CANADIAN PARAPLEGIC ASSOCIATION,
ATLANTIC DIVISION,
CRAWFORD POWER WHEELCHAIR FUND

Donations may be sent to the Information Office (in the Old Law Building), which will forward all monies to the CPA. All donations are tax deductible and receipts for income tax purposes will be issued on request.

In the Information Office, for example, one member of the staff has assumed responsibility for a group collection; every coffee subscription is matched by a donation to the Donalda Crawford wheelchair fund.

Target date for raising the \$1,500 is the end of April. If the money can be raised, Donna's mobility will be vastly improved.

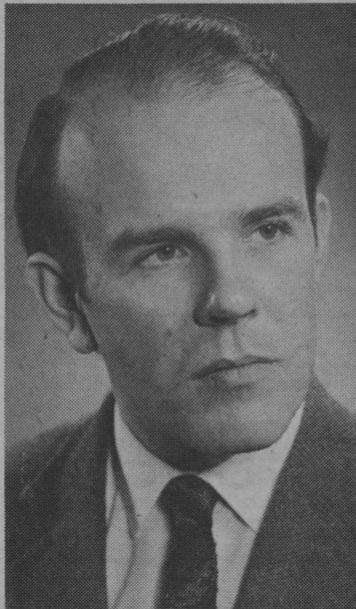
Canada's oldest university, King's, banishes woes, now appears....



COMMUNITY SPIRIT REVIVED

By Allison Berry

"Let it be remembered...that the University of King's College was not only the senior, but generally recognized as the leader, among the colleges of Eastern Canada. [But] the day of the small College was over."



King's president, Dr. J.G. Morgan.



Mr. Justice Roland Ritchie, supreme court judge and an alumnus of King's, is the University's Chancellor.



Mayor Edmund Morris, officiating at a King's Open House. The president, Dr. J.G. Morgan, looks on.

In King's College: A Chronicle (1789-1939), the late Venerable Archdeacon Vroom, a long-time professor of divinity at King's, recalls the problems that beset the oldest university in the Dominion even before it was granted a Royal Charter in 1802.

That document proclaimed King's as "The Mother of an University for the education and instruction of youth and students in Arts, to continue forever..."

Hamlet's cry "to be, or not to be" would have been closer to the truth; the question was still being posed up to six years ago.

MONEY, POLITICS AND FIRE

Windsor, Nova Scotia, was the original home of King's College. Financial troubles and an excessively political board of governors, together with determined Church of England principle, hindered its growth and development from the very beginning.

The greatest disaster, at least what appeared to outsiders as the doom of the college, struck in 1920, when fire ravaged the premises.

Halifax headlines blared out the news and Canadian and American papers gave "sympathetic notices". After 140 years of comparative obscurity, King's College was suddenly in the limelight.

Here was the fund-raising opportunity every college development officer dreams of and perhaps just the thing to end King's perennial financial woes.

However, for one reason or another, the Governors of the College failed to set an aggressive campaign in motion.

Before the fire there had been whispered suggestions that the college should move to Halifax and associate with Dalhousie University, the third of Canada's senior universities.

The Carnegie Corporation of New York, which had done much to further higher education in the States, was interested in extending its "favors" to the weaker colleges in the Maritimes. The corporation was pursuing a suggestion dedicated Kingsmen had defeated in the 1800's: the establishment of a Maritime College by a federation of existing Colleges.

But now the Americans were offering King's substantial rea-



The administration building, a replica of the original that stood at Windsor.

son to vacate Windsor and under the circumstances...

THE SPRING THAT FOLLOVED THE FALL

King's College moved to Halifax, to a site contiguous with the Dalhousie campus and in 1930 finally entered into partnership with its neighbor.

By special arrangement, Dalhousie and King's maintain joint faculties of Arts and Science. Undergraduates of King's read for the BA and BSc of Dalhousie, King's having left her own degree-granting powers in abeyance.

When the Atlantic School of Theology was established in 1974, King's faculty of divinity was abolished.

Here again is the question: "to be, or not to be?" King's was considered a Dalhousie residence with not much going for it, except the Foundation Year Program.

That novel, freshman year course has proved to be the most important and successful advancement in King's history. In 1975, a jump in enrolment at "the small college" put an end to uncertainty.

NEW FOUNDATIONS

The introduction of the 1876 King's College academic calendar reveals:

"The prospect for the future of the College is bright and encouraging; the number of students has considerably increased, and a still larger number is expected next year...There is every reason to hope that a still wider sphere of usefulness is opening to the college."

One hundred years later, King's College President Morgan has echoed those words. He announced in the alumni magazine Tidings, that the feasibility of establishing a school of journalism at the college is under serious investigation.

Dr. J.G. Morgan, a sociologist, was responsible for implementing what seems to have revived the university, the Foundation Year Programme (FYP). Wayne Hankey, director of the course, has taken it through its infancy, convocating the first students last spring. It has now been accorded permanent status.

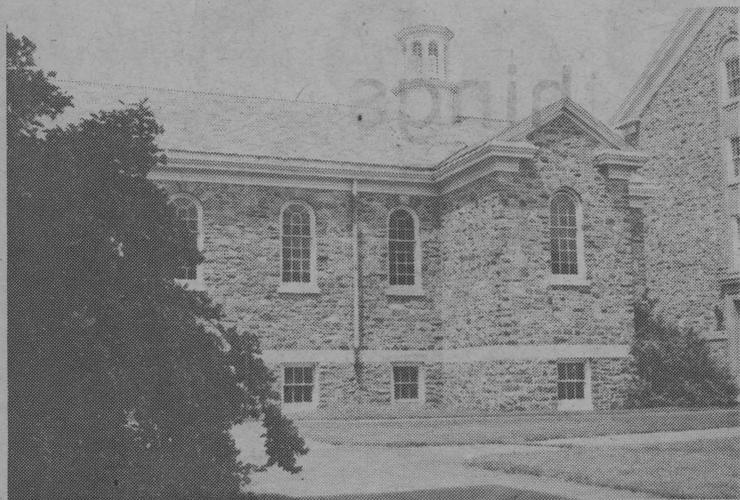
Prof. Hankey is a Kingsman, a priest and a firm believer in individualism. He views FYP as giving the first year student in Arts and Science a well-balanced overview of the central disciplines in humanities and social sciences in an integrated rather than a fragmented manner.

"The course has its own logic; it's not just a collection of diverse materials but integrates them in accord with the interpretation of our culture which it develops."

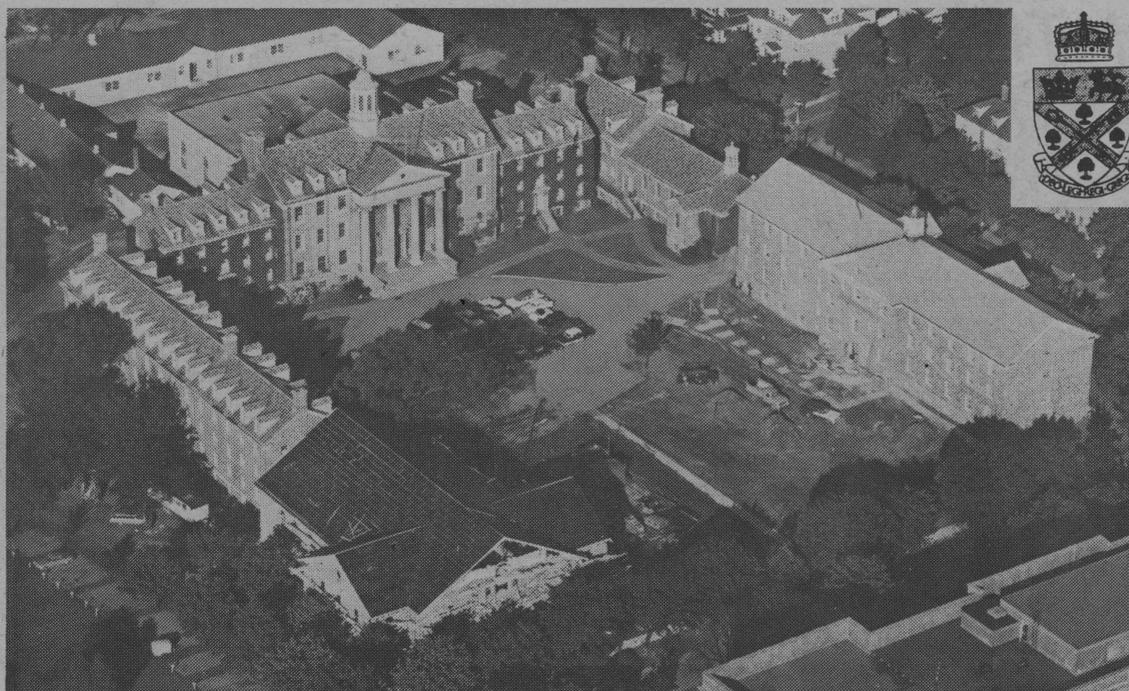
"As we work this out, we consider works of various kinds, no matter what, discipline ordinarily studies them. Thus we look, for example, at Mozart's Don Giovanni, early Greek urns, the Divine Comedy, Rousseau's Social Contract, Michelangelo's 'Prisoners', Nietzsche's Genealogy, the Brooklyn Bridge,



Student Council president Rosalie Courage: "Little chance to feel lonely at King's -- you're never just a number."



ABOVE: King's Chapel, where an active religious community celebrates high mass every Thursday.



AT RIGHT: King's from the air.

Individuality emphasized in Foundation Year Program

and Felix Green's Enemy. We use primary sources as much as possible," says Hankey.

FYP is equivalent to four classes for BA students and (with a reduced work commitment), three classes for BSc students. The form of teaching is designed to meet individual needs. Small group tutorials are as important as the lectures.

The program is a clear success academically, attracting scholarship students as well as mature students.

Certainly one of the most beneficial side-effects of the FYP success has been the reform and renewal of King's as a social community. The program places at the centre of King's an exciting academic undertaking and its wave effect has touched all aspects of the community.

King's is basically residential, on the Oxford and Cambridge pattern. Enrolment is up to 321 full time students. Of this number, 100 women live in Alexandra Hall and men are accommodated in "Bays".

Essentially small dormitories, the bays were named by aspiring and witty theologians: Chapel, Middle, Radical, North Pole, The Roost, and Cochran Bay, which has recently become co-ed.

Dinner in Prince Hall is formal only on Sundays, now, with Latin grace and spook shirts (academic gowns) the reminders of days when the college was primarily a training ground for scholarly males, most of whom became priests.

CORPORATE LIFE EMPHASIS

The emphasis is still on the corporate life. Tutors live in residence so are always available for consultation.

The Ancient Commoner, the student newspaper, carries news of the chess club, the Quintilian Debating Society, the Chapel

Choir, the Dramatic and Choral Society, the athletic KCA³ and KCGA³ groups, and the Student Council.

The Haliburton, the oldest literary society on a college campus in North America, is a favorite of students and staff. Mrs. Pearl Connolly, the first female Dean of Residence at King's and the first woman to act as Haliburton president, arranges for controversial Canadian literary figures to present papers "that will spark the society with fresh vigour". The traditional keg o cider and the large fireplace help members to contemplate.

King's student union president, Cape Bretoner Rosalie Courage recalls her decision to attend King's.

"I came down from Sydney to a King's Times, a formal ball. Everyone had such a good time and seemed to really like the university. I attended a large high school and felt I was just a number there.

"After taking a year off, I looked at a number of schools, but the unique life at King's, its academic qualities and the staff-student, no-buffer-zone relationship sold me on the place.

"I've learned to deal with people and live with them," says Rosalie. "We have the benefits of a large city, the use of Dal facilities and our own community minus the 'cold effect'". Twenty-two-year-old Courage is off to study French next year in Nice. She plans to pursue a career in public relations and there's no doubt she'll succeed.

THE WIND IN THE SAILS

The future of the University of King's College seems to hold a promise of challenging but smooth sailing.

President Morgan is pleased with the increase in enrolment and proud of the academic and intellectual progress of his institution.

"We are a living and growing community. Now, perhaps as never before, we seem to be on the threshold of great things. This will be the year for decision with regards to the school of journalism and to provide ever wider opportunities within our walls to consolidate the initiative of the past few years," says Dr. Morgan.

King's is becoming better known in the Maritimes and beyond through visits and personal histories, but it still maintains a low profile.

Like all vital intellectual communities, King's lives not only with but on tensions and conflicts. One has the impression that the present ones sufficiently reflect the most basic struggles and issues in our society and culture and that King's current promise is more substantial than that of 1876.



Wayne Hankey (centre), director of the King's Foundation Year Program, leads tutorial in his suite at King's. (Janet Hull photo)



Crowned! Dr. John Godfrey, professor and a don of King's, seems to be hoping all the Kingsmen will put him together again after a tumble on the King's coat of arms in the foyer. The foot is unidentified. (Janet Hull photo)

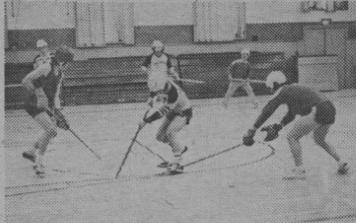
INTRA-MURALS THRIVING

The Rink and the Gym have been hives of activity as far as intramurals have been concerned in the last month.

Floor hockey has been exciting, and the enthusiasm is still mounting; 12 teams, with most faculties represented, are playing the game.

'A' Division play had Science I clobbering Dentistry 16-0, Phys Ed beat the Engineers 8-2, and Med A took Geology 6-4.

Co-ed broomball has been



popular and is turning out to be the funniest activity in the program. Equipment Control even had to order extra equipment and additional ice time was found for the swatting, batting, slap-brooming teams.

In the broomball league, Law has the upper hand, remaining undefeated -- even beating the aggressive Science team 2-0. Phys Ed Grads exercised their prowess over their juniors, Phys Ed II, winning 2-0; Geology I



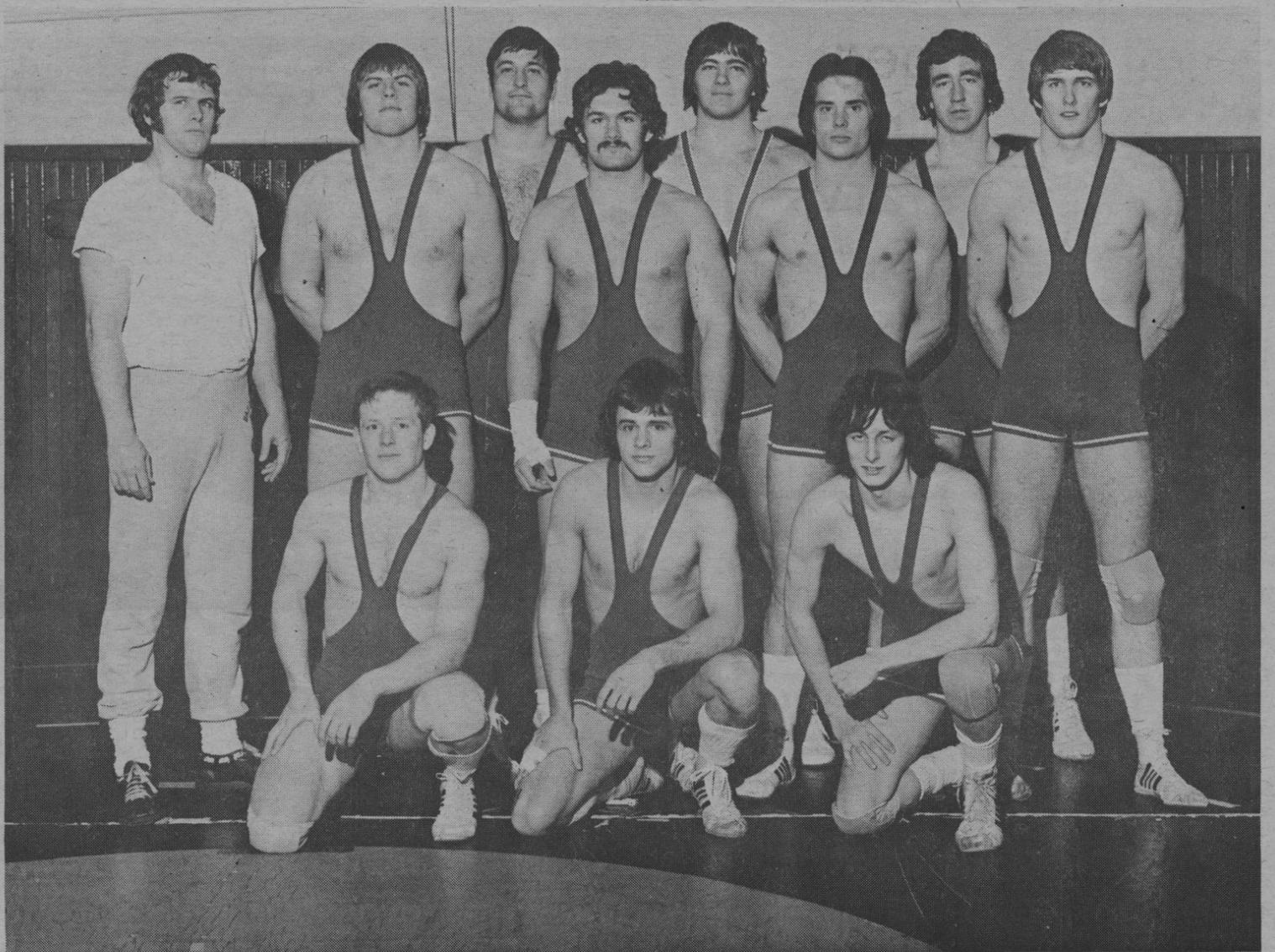
beat Commerce 2-0, and Geology II gave Pharmacy a 3-0 beating.

Ice hockey ends this week. There's been good, action-packed play and the playoffs should be interesting. Med A meets Law A to decide the A division winner; Engineers play Science for the B division title; and Commerce, who have expressed strong desire to take the C division title, meet Phi Delta Theta.



DUE CREDIT

The review headlined "Blake vs. Newton" (of Visionary Physics: Blake's Response to Newton, written by Donald D. Ault) by Dr. Ravi Ravindra and which appeared on Page 8 of the March 5 issue of University News, should have carried the credit line that the review first appeared in the December, 1975, issue of the American Journal of Physics. The credit was inadvertently dropped during make-up.



Wrestlers, gymnasts take top honors

Dedication and hard work paid dividends last month as the Dalhousie wrestling and gymnastics teams captured AUAA championships.

At St. FX, the wrestlers guided by coach Bob Thayer won six gold medals as well as the team championship.

The six medallists will com-

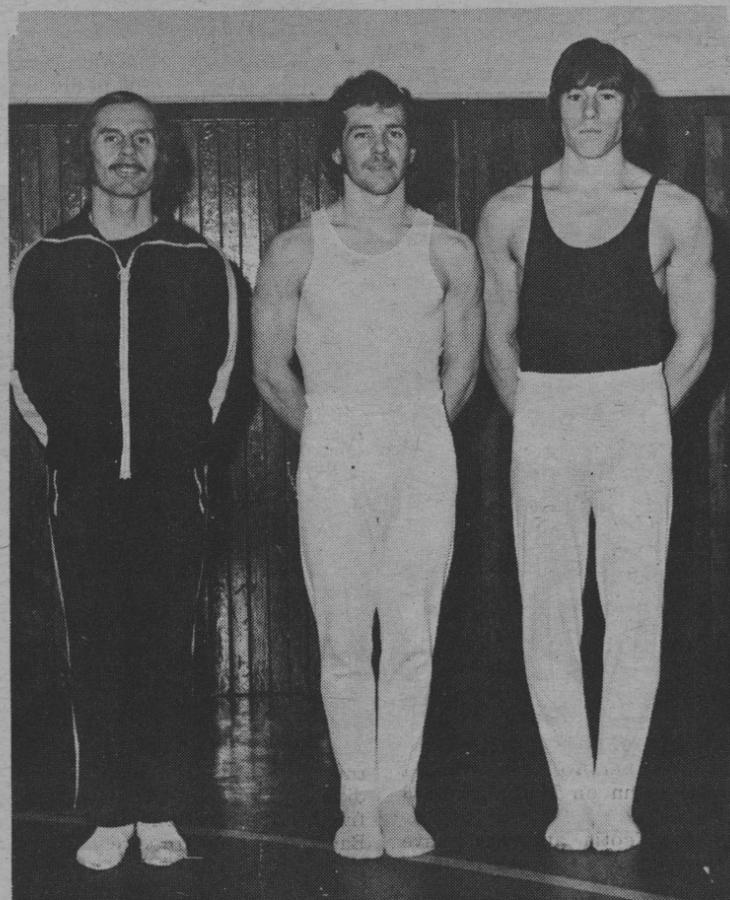
prise the bulk of the AUAA team which will take part in the national intercollegiate championships in Thunder Bay, Ont.

Gold medal winners were co-captains Dave Cater (134 lbs) and Mike Soares (177), sophomore Blake Alexander (190), rookies Ron Murtagh (150), Greg Wilson (160) and heavyweight George Feiber.

At UNB, coach Jim Hoyle's two-man gymnastics team turned in outstanding performances. Second-year Commerce student Shawn Healey won the gold medal as the conference's best all-round gymnast, in addition to winning four out of six individual events -- side horse, parallel bars, horizontal bar and floor exercises.

Second-year Arts student Steve Fraser earned a strong 4th place overall, and a second-place medal in the horizontal bar; last year Fraser was in 8th place, and this year's field was much stronger.

Both Healey and Fraser will represent the AUAA in the national championships to be held at Laval University.



GYMNASTS: Pictured with coach Jim Hoyle (left) are Steve Fraser (centre) and Shawn Healey.

WRESTLING CHAMPIONS:
Back row, left to right -- Coach Bob Thayer, George Feiber, Frank Yakimchuk, Mike Soares, Linden Davidson, Tom Murtagh, Garth Horne and Greg Wilson; front row, left to right: Bill Sanford, Dave Carter and Darrel Reid. (W.G. Jensen Photo)

speakers bureau
speakers bureau
speakers bureau
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speakers bureau
a service offered to the community

The university's Information Office provides a Speakers Bureau service (free of charge) in the Halifax-Dartmouth area. The service, begun last year, has experienced a doubling in requests during the 1975-76 academic year.

The office is now updating its speakers resource list. If you are interested in letting your name stand as a possible speaker, please complete the form and return to:

Mrs. Green, Information Office, Old Law Building

Your Name: _____

Your Rank and Dept.: _____

Your Subject Title: _____

Mixology course on again

The second Mixology course, one of the intramural division's leisure time classes, began on March 6 and is continuing each Saturday at 2.30 pm in the Faculty Club.

Mixology is a bartending course for faculty, staff and students.

Royal Winnipeg Ballet: continuing success story

The Royal Winnipeg Ballet, the vital and imaginative company which performs at the Cohn Auditorium on March 31, April 1 and 2, can claim a long catalogue of achievements since an English dancing teacher, Gweneth Lloyd, and her student, Betty Farrally, founded the amateur Winnipeg Ballet Club in 1938. They discovered a handful of talented dancers with great potential but much in need of training. The year after it was founded, the club gave its first public performance and was invited to dance in Toronto and to tour Western Canada.

A decade later the club sponsored the first regional dance festival. An American witness to the event, journalist Anatole Chujoy, returned home to urge U.S. schools of ballet to follow the Winnipeg club's example. The second regional dance festival was held in 1949 in Toronto with the Winnipeg ballet and nine other companies attending.

It was in that same year that the Winnipeg Ballet achieved professional status, thanks to the fund-raising activities of a prominent Winnipeg socialite, Lady Tupper.

Gweneth Lloyd opened a branch of the Canadian School of Ballet in Toronto in 1950, and continued to be associated with the Winnipeg Ballet. At the same time, she taught summers at the Banff School of Fine Arts, thus beginning a continuing association between the Royal Winnipeg Ballet and the Banff Ballet School.

The then Princess Elizabeth and the Duke of Edinburgh paid their first state visit to Canada in 1951. By Royal Command, the troupe performed for them in Winnipeg. In 1953, Queen Elizabeth distinguished the company by granting it her first royal charter. It was thus the British Commonwealth's first "Royal" company. Only afterwards was the famous Sadlers Wells company of London accorded "Royal" status. To date, only four "Royal" ballet companies exist in the world.

However, tragedy nearly cut down the Royal Winnipeg Ballet. In 1954, a disastrous fire destroyed the company's Winnipeg studio, taking with it thousands of dollars worth of sets and costumes. Choreographic and music scores were lost in the blaze. Costume and set designs, products of hours of concentration, were reduced to char.

Fortunes were at their lowest ebb when friends of the Royal Winnipeg Ballet in Canada, and abroad, undertook to finance a complete reconstruction program. In 1957, Canada's arts board, The Canada Council, awarded the Company a \$20,000 grant. A year earlier Ruthanna Boris had become the company's artistic director. In the middle of the 1957-58 season, her successor Benjamin Harkavy left to help form The Netherlands Dance Theatre.

To fill the vacancy, the Royal Winnipeg Ballet chose one of its former principal dancers, Arnold Spohr, to fill in. Born in Saskatchewan and educated in

Winnipeg, Mr. Spohr proved just the man to reorganize the Royal Winnipeg Ballet.

Earlier he had quickly risen to the rank of principal dancer, performing specially created lead roles in more than 20 ballets. His dancing career pinnacled in 1955 when he partnered Dame Alicia Markova in London. As a choreographer, Mr. Spohr has created several successful ballets for the company, but he gives extraordinary care to the works of other choreographers and the company is famed for keeping their ballets fresh and exact.

The ballet's performances at the Cohn on March 31, April 1 and 2, begin at 8:30 pm.

The new artistic director began to shape the compact corps of dancers into a troupe that leads audiences through the realm of sparkling classics to bold contemporary divertissements in the course of a single evening.

Results were starting to show. Canada's famous Stratford Theatre in Stratford, Ontario, chose the Royal Winnipeg Ballet as the only ballet company ever invited to perform in its Shakespearean Festival. The audience was so charmed that the company has since been invited to perform in its Shakespearean Festival. The audience was so charmed that the company has since been invited to perform in its Shakespearean Festival. The audience was so charmed that the company has since been invited to perform in its Shakespearean Festival.

On then to Russia, where the company sold right out for every performance, and tickets became black market items. Time reported a struggle on the street, which had to be put down by police after the last ticket was sold. Wild applause brought curtain calls of 25 minutes in length.

Back in Canada, constantly breaking new ground with its extraordinarily versatile repertoire, the RWB astounded audiences with its innovative rock ballet, A BALLET HIGH, with music by the world's largest rock orchestra, Lighthouse, live



Principal dancers Louise Naughton and Craig Sterling of The Royal Winnipeg Ballet in Adagietto by Argentinian choreographer Oscar Ariaz.

on stage. The house was sold out the first week in Toronto, and the company stayed on for a holdover for a ballet first demanded by the Toronto audience.

In 1971, another first. The Manitoba Indian Brotherhood commissioned the Royal Winnipeg Ballet to produce The Ecstasy of Rita Joe to celebrate the 100th anniversary of the signing of treaties one and two. This marked the first time that a native people had occasioned such a commission and the second time an all-Canadian ballet was commissioned for a Centennial celebration, and the second time the Royal Winnipeg was the company chosen. The multi-media work by Canadian choreographer, Norbert Vesak, features a film produced by the Canadian Broadcasting Corporation. The ballet has been a resounding success wherever it has played, and in 1974, an hour-long TV version was produced by the CBC and shown on the national network in November.

Early in 1972, the ballet left for a three-month tour of

Australia, done amazingly without subsidy from the Canadian government. Blazing headlines such as "Wild cheers for ballet" and "Don't miss these reviews the ballet drew in every city it visited.

Returning to Canada, the ballet moved into new quarters in the heart of downtown Winnipeg. Company, school and administrative staff were finally united under one roof.

Christmas of 1972 marked the Ballet's presentation of the biggest and most spectacular production in its history. John Neumeier's new Nutcracker received its North American premiere to critical and popular acclaim. It has continued to be one of the most successful pieces ever in the RWB's repertoire and was televised by the CBC in 1974 for release in 1975.

The 1973-74 season began in style with a guest appearance by Dame Margot Fonteyn. During this season five new ballets were added to the repertoire, and the company gave more Winnipeg appearances than ever before in its history.

Immediately following the close of the Winnipeg season, the Royal Winnipeg was sent by the Government of Canada on a nine-week tour of nine Latin American cities.

As with any professional ballet company, box office revenues account for only a part of the operating costs. The remainder is furnished by the Canada Council, the Province of Manitoba, the City of Winnipeg, and corporate and private fund-raising. The budget is now a million and a quarter annually and the 26 dancers and 6 artistic staff are backed by an administrative and technical staff of 21.

At home the Royal Winnipeg Ballet now presents a five concert subscription series each season which includes the appearance of a guest company. Its subscriber group is said to be the second largest in North America which says a great deal about the impact of a world rank company on a comparatively small home city.

As it continues to delight audiences both at home and abroad, the Royal Winnipeg is justly proud of its stature as North America's longest-running professional ballet company and one of Canada's best ambassadors to the world.

Entertainment par excellence

Appreciative crowds can be seen almost any evening at the Dalhousie Arts Centre applauding the wide variety of entertainment that has made the current year one of the best for the Cultural Activities staff.

The free Sunday afternoon concerts continue to prove excellent and this Sunday should be no exception. Nova Music performs at 3 pm in the Sculpture Court.

The Eighteenth Century Society Exhibition opens March 22 in the main Art Gallery, and will remain until April 14 and will appeal to almost everybody.

March 25 the Dalhousie Chorale will be on stage at the Cohn with a program that includes Stravinsky Mass, Mozart, Bruckner Mass with Winds and some surprises. The program begins at 8:30 pm.

The Scotia Chamber Ensemble gathers for a free concert in the Cohn on March 28 at 3 pm.

Nova Scotia audiences have the opportunity to once again enjoy a major Canadian ballet company, the young and entertaining Royal Winnipeg Ballet. Tickets are going fast for the

three performances March 31, April 1 and 2, 8:30 pm in the Cohn. Don't miss the ballet, call the box office today.

The night they walked on stage last year, people started tapping toes and clapping hands. April 3 at 8:30 pm, it's expected the Cohn will again erupt in the dixieland jazz of New Orleans finest, Preservation Hall Jazz Band. A sell-out for sure.

March 30 marks the end of free noon hour theatre at the Arts Centre. A major presentation by the Department of Theatre happens in early April.

DENTAL MATERIALS

cont'd from p.9

Dr. Smith has carried out research in many areas of Dental Materials and Biomaterials and is especially interested in the bonding of materials to tissues. He is the inventor of the Polycarboxylate cements and collaborated with Dr. Charnley in England in the development of acrylic cements for the fixation of the artificial hip prosthesis. He was awarded the Hinman Dental Leadership Medal in 1974. Dr. Smith is chairman of the Biomaterials Society, Toronto.

- Mar. 22 ... Table Clinic Night, presented by third year dental students and second year Dental Hygiene students, 7.30 pm, McInnes Rm.
- ... Continuing education course for dentists on Restorative Materials--current status of selected materials. Cont'd on Mar. 23.
- ... Dal-King's Reading Club will meet at 8 pm at the home of Mrs. R.M. MacDonald, 1820 Armview Ter. Program entitled Party Pieces, is arranged by Mrs. R.H. Vingoe.
- Mar. 24 ... Cabaret with Bermuda Triangle, 9 pm, McInnes Rm.
- ... Advanced Management seminar on Financial Statements to Analyze Operations and Increase Profits with John Sears (St. F.X.) and Cecil Dipchand (Dal.) Cont'd on Mar. 25.
- ... Physics seminar with Barry Davis, Quest Engineering Ltd., Dartmouth, on Wind Power for Heating, 2.30 pm, Rm 302, Dunn Bldg.
- Mar. 25 ... Advanced Management Centre's TV series with Prof. Barry Lesser on Business Financing at 10.30 am, CBHT.
- ... Advanced Management Centre's TV series with Prof. Douglas Beck on Business Opportunities in the Atlantic Provinces at 10.30 am, CBHT.
- ... Geology Memorial Exchange Lecture with John Malpas (Memorial) on Petrochemistry of the Bay of Islands Complex, Newfoundland, at 5 pm, Rm 304, Dunn Bldg.
- ... Physical Oceanography seminar with Jerry Smith, Rob Holman, Chris Garrett at 7.30 pm, 5th floor lounge, Oceanography.
- ... School of Library Service workshop on health information and library services for various audiences in the community. Cont'd on Mar. 26 & 27.
- Mar. 26 ... Library School lecture with Roy Tabor, Wessex, Southampton, on Health Information Services, at 10.30 am, Killam Aud.
- ... Advanced Management Centre's TV series with Prof. Roy George on Business Forecasting, at 10.30 am, CBHT.
- ... Chemistry seminar with Dr. J.K.S. Wan, Queen's, on Photochemically induced magnetic polarization: a potential tool in chemical studies of free radical and excited state reactions; at 1.30 pm, Rm 215, Chemistry Bldg.
- ... Friday-at-Four with Dr. Herbert E. Kaufman, University of Florida, on the Treatment of Virus Disease, Theatre A, Tupper.
- Mar. 27 ... Dance to the music of Flightliners, 9 pm, McInnes Rm.
- Mar. 28 ... Sunday 7.30 pm movie featuring Burt Reynolds in The Longest Yard, McInnes Rm.
- Mar. 29 ... Amnesty International film showings, at 12.30 and 7.30 pm, Killam Aud.
- ... Foreign Policy seminar with Dean Swanson (Dal) on Specificity: actor expectations in foreign policy behaviour, at 11.30 am, Rm 363, A&A Bldg.
- ... Microbiology seminar with Sastry Gollapudi on Lymphocyte recirculation at 1 pm, Rm 7C1, Tupper.
- ... Biochemistry seminar with Dr. K. Catt, National Institute of Health, Bethesda, on Mechanism of Action of Gonadotropins, at 4 pm, Theatre D, CRC.
- Mar. 30 ... Advanced Management Centre seminar on Flexible Working Hours/Job Enrichment, with David Banner(U.N.B.). Cont'd on Mar. 31.
- Mar. 31 ... Advanced Management seminar on Report Preparation and Presentation with Leo Demesmaker and Ron Thomas, Killam Aud. Continues through to April 2.
- ... Physics seminar with Dr. R.G. MacDonald, York University, on Renewable Energy and an Energy Policy for Canada, at 2.30 pm, Rm 302, Dunn Bldg.
- April 1 ... Short course in Occupational Medicine for family physicians and specialists, arranged by the Division of Continuing Medical Education. Cont'd on April 2.
- ... African Studies seminar with R. Flute on The Politics of Planning in Kenya, at 4.30 pm, African Studies House.
- ... Geology seminar with Dr. Tanya Atwatre (M.I.T.) on Details of Mid-Ocean Ridges from Deep-Tow Studies, at 5 pm, Rm 304, Dunn Bldg.
- ... Physical oceanography seminar with Dr. Charles Tang (B.I.O.) on Quasi-steady currents in the Magdalen Shallows, at 7.30 pm, 5th floor lounge, Oceanography.
- April 2 ... Official opening of the International Business Studies Centre, 5 pm, Sculpture Court, Arts Centre.
- ... Friday-at-Four with Dr. Keith Sehnert, Georgetown University, on Patient Education: A New Resource for Family Practice, Theatre A, Tupper.
- April 3 ... Workshop on Display Methods for Libraries with Georgina Calda, Dal graphics, Killam Aud.

university
NEWS

CAPSULE

... Advanced Management Centre recently conducted a seminar on personnel administration in the Halifax region; and an introductory seminar on industrial relations in Moncton.

... Dr. Ormille Hayne and Prof. D.J. Ecobichon made recent television appearances.

... Dr. Raj Ranji, NRC Ottawa, and one of the foremost experts in Canada on windmill power addressed a recent Physics seminar on the subject of Wind Power and the Development of the Vertical Axis Windmill.

... Taking part in the March series of microbiology seminars were Joseph Tai, Peter Kell, and Frank Hallinan.

... Dr. A.(Sandy) Young was guest lecturer at Acadia, where he discussed History of Ancient and Modern Olympic Games... Dr. B. Rusak delivered a talk on Neural Control of Circadian Rhythms in Behaviour and Seasonal Reproduction Cycles at a University of Toronto psychology colloquium.

... Dalhousie Law School newsletter reports that 140 persons registered for the recent Telecommunication conference sponsored by the Public Services Committee of the Faculty. ... The School sponsored a one day seminar on The Divorce Process. All major Canadian law book publishers participated

along with the Halifax-based Government Bookstore and the School law library in a Law Book Display.

... Prof. Barry Lesser addressed the Canadian federation of University Women (Dartmouth) on the subject of Canada and World Trade; Prof. Michael McCwire spoke to the Men's Club of Beth Israel Synagogue on the topic: Soviet Naval Strategy in the Mediterranean. Both talks were part of the university's Speaker's Bureau service.

... Professor Mike Ellis, Dr. T.J. Murray and President Hicks were interviewed on CBC. John Godfrey hosted a Sunday am radio show for CBC.

... Professor W.J. Ortego spoke to students in two local high schools on the subject of juvenile law; and Prof. H. Janisch spoke to an in-service day at J.L. Isley High School on the subject of The Legal Liability of Teachers.

... Division of Continuing Medical Education provided resource people for lectures and clinical session at hospitals in New Brunswick and P.E.I. recently. Taking part were Drs. R. May, S. Salisbury, V.N. Khanna, D.N. Garey and W.D. Miller (all from Saint John General Hospital), E.L. Reid, and B.D. Grover.

Maple Leaf and Thistle —

The first Centre of Canadian Studies in Britain has been set up at the University of Edinburgh, through the joint action of that university and the Canadian High Commission. Its purpose is to provide a physical centre for and an academic program in Canadian studies

The programme

At the undergraduate level the B.Sc. in the faculty of social studies gives students the opportunity to 'major' in Canadian Studies; and at postgraduate level the M.Sc., M.Phil. and M.Litt. are offered in the faculties of arts and/or social studies through the programme of North American Studies. In addition, seminars and public lectures are organized by the centre. Edinburgh has a wealth

of library and archival material on Canada.

The centre has a definite concern with the bicultural development of Canada. It is interested in all contacts with Canada including those of Britain and of France. Its prime concern is the promotion of the study of Canada in Britain, mainly by British students but also by Canadians anxious to pursue work on Canada in Britain.

Visitors

A visiting professorship will bring a distinguished Canadian scholar to the centre every year to lecture and to offer lectures in his special field. The visitor will represent a different subject each year, drawn from the social sciences, arts and law.

UNIVERSITY TEACHING
AND LEARNING SERIES

for

Faculty and Graduate Students

on

Student Study Habits: The Role of the Professor (plagerism, communication skills, use of library) 3.30 pm, March 26, Great Hall, Faculty Club