

# Dal finances critical

## Austerity procedures implemented

By DR. HENRY D. HICKS  
PRESIDENT

While the 1960s may have been difficult years for universities in the area of student-staff relations, university administrators will probably look back on them as years that were reasonably good insofar as financing was concerned.

We now face a situation at Dalhousie that is quite different from any we have experienced in the last decade and while that situation is serious, we are taking remedial action.

Our difficulties were brought sharply into focus in September, the beginning of the academic year, when our enrolment fell short of the number we anticipated.

It was forecast during the 1960s and early 70s that enrolment in Nova Scotia universities would continue to rise steadily through the 1970s and into the 1980s and would level off when about 25,000 students were enrolled. Up to 1970-71 the enrolment was running ahead of the forecast.

The slowdown in enrolment increases became evident in some Nova Scotia universities in 1971-72 (a year behind that in some other parts of Canada) and this year all but one of the universities in the province reported enrolments smaller than they had anticipated.

### SLIGHTLY FEWER

At Dalhousie we have slightly fewer full-time students than we had last year. We estimated we would have about 6,800, but we have 6,068. Now we are conservatively estimating — I think it is conservative — 6,193 full-time students in 1973-74.

Now, no one knows with any certainty whether this slowdown will change the whole enrolment picture for the 1970s, but I rather suspect it will not, because the young people are still in the school system in the numbers used to calculate our projections through the 1970s.

The proportion of young people in Canada going on to university is still far short of the proportion of those who go on to university in the United States and, whether we like it or not, what happens in the United States does have a great influence on what happens here in Canada. We are running about 10 years behind the U.S. in the proportion of university entrants, so while I believe that enrolment in Nova Scotia may not reach the target forecast 10 years ago, I still feel we are going to have more than 20,000 students in Nova Scotia universities by the end of this decade.

### 40 PER CENT

According to the current pattern, Dalhousie will take about 40 per cent of the total Nova Scotia university students; this percentage has increased slightly over the years and is due largely to the concentration of population in the greater Halifax area.

Enrolment, of course, is a major factor in our financial operations, and has a great effect on the budget of the university.

When we found we had 700 fewer full-time students than we had expected (and our expectation was not simply optimism but rather accurate estimating based on the number of applicants and inquiries about admission from people who, as it turned out, did not present themselves at registration time), we scrutinized our budget, and with a very understanding and, in some cases, self-sacrificing attitude on the part of the Deans of Faculties and the heads of departments, we were able to cut about half a million dollars from our budget and this just about matched the loss in revenue we encountered because of the low enrolment.

Dalhousie, like all of Nova Scotia's universities, is now largely dependent on government funds (and the provincial government, by the way, recovers a large portion of its education expenditures from the federal government). A good summary of our position appeared in University News in September, 1971.

The budget figures published then showed that for 1971-72, 66 per cent of our revenue came from the provincial government, 7 per cent from our endowment fund, 4 per cent from miscellaneous income, 8 per cent from restricted funds, and between 14 and 15 per cent from student fees.

### DEFICIT

For the current year, we asked the provincial government to make us a grant of just over \$21 million. We received \$17.9 million, which caused us to do a great deal more budget-paring. Even so, we approved a spending budget of nearly \$32 million, and this left us with an operating deficit of about \$400,000.

This was not our first deficit. During the greater part of the 1960s we operated with a deficit and we had no cause to worry unduly because in the course of expansion we could afford to grow a little faster than our budget warranted. This we did, until the provincial government's moratorium on capital construction stopped us nearly three years ago.

Under the circumstances of the continuing growth which we thought, justifiably I think, would carry on through most of the 1970s, the deficit financing did not seem to be unreasonable.

If, however, our growth is going to level off and we do not enrol many more than the 6,000 full-time students we now have, we may have to plan a major change of direction.

On the expenditure side of our budget (and over the years, our spending items have varied only a few percentage points), salaries are taking between 54 and 55 per cent, library books and periodicals just over 2 per cent, scholarships, bursaries and prizes about 4 per cent, restricted funds about 6 per cent, physical plant maintenance about 9 per cent, general administrative expenses between 13 and 14 per cent, and other academic expenses, such as special appointments and

Continued on Page 2

## university news

vol. 3 no. 10 dalhousie university february 5, 1973



### Finances at a glance

Dalhousie University's financial situation is one that is bordering on a crisis. But remedial action is being taken.

A university-wide austerity program is now under way. In addition, the Vice-Presidents, the Deans and department heads are applying their newly-sharpened paring knives to the 1973-74 budget.

In the adjoining columns, Dr. Henry D. Hicks, the president, explains in detail and at length the background to the present situation and what is being done to improve it.

Some of his main points:

- \* The difficulties were emphasized when enrolment fell short of that anticipated.
- \* Government grant for current year plus low enrolment meant budget-paring.
- \* Deficit operation justifiable during growth period.
- \* No change in ultimate target.
- \* Appointments to staff and faculty being carefully scrutinized.
- \* New equipment and supply purchases being deferred.
- \* Renovations being deferred.
- \* New guidelines and policies in handling the budget.

### REVENUE

Government grants	.....66%
Student fees	.....15%
Restricted funds	.....8%
Endowment fund	.....7%
Miscellaneous income	.....4%

### EXPENDITURES

Salaries	.....55%
General administration	.....13.5%
Other academic costs	.....10.5%
Physical plant	.....9%
Restricted funds	.....6%
Scholarships, etc.	.....4%
Library books, etc.	.....2%

1973-74

**\$35.5 million**

?

### INSIDE

Appointments	... 3
Medicine	... 4
Law Society	... 5
CUSO	... 6
Swim win	... 7



## 200 expected for nursing conference

More than 200 delegates from schools of nursing at Canadian universities are expected to attend the third annual conference of the Canadian Nursing Students' Association at Dalhousie Feb. 8 to 11.

Theme of the conference, which will be held in the Student Union Building, will be the nurse and the community, with speakers emphasizing the five Cs of community health — care, comprehension, co-ordination, communication and co-operation.

The conference is being planned by the Dalhousie branch of the nursing students' association under the chairmanship of Cathie Henley, of St. John's, Nfld., a third-year BN student at Dalhousie's School of Nursing.

Keynote speaker at the conference will be Dr. Beverley DuGas, nursing consultant with Health Manpower Resources in the federal Department of Health and Welfare.

Dr. DuGas, who will speak at the opening session on the afternoon of Friday, Feb. 9, will discuss the Hastings report, which deals with the cost of health care, and the Boudreau report on the expanding role of nurses. She will also discuss reciprocity between provinces in Canada as it applies to the standardization of various aspects of nursing.

Registration for the conference takes place on the evening of Thursday, Feb. 8, and the following morning the annual business meeting of the association takes place.

Other speakers on the Friday afternoon will be Mrs. Christine Butler, director, Victorian Order of Nurses, Halifax (topic: primary care in the community); Miss Margaret Cragg, co-ordinator, Comprehensive Health Care Program, Halifax (student orientation to the community); Miss Ruth May, nursing lecturer at Dalhousie (outpost nursing); Dr. Floris E. King, director of the Dalhousie School of Nursing (the role of research in community nursing); and a McMaster University student.

On the morning of Saturday, Feb. 10, delegates will hold group discussions on the topics of the previous day, and reports of the group discussions will be given after lunch.

In the afternoon, a number of reports will be presented. These will cover RN examinations for BN students, cross-accreditation and entrance requirements, summer employment for nursing students, wages for BN holders across Canada, and course, student and faculty evaluation.

The annual dinner of the association will be held in the evening and on Sunday morning, following an

ecumenical church service, a general meeting will elect officers for the ensuing year. An executive meeting will follow this, and in the afternoon, a committee will discuss the proposals contained in the reports presented and discussed the previous afternoon.

Other planning committee members in addition to Miss Henley are Sadie Barkhouse and Eileen Irwin, co-chairmen; Annette Tucker, secretary; and Glenda Doucet, treasurer of the local and national associations.



Dr. G. R. MacLean

## Dr. G.R. MacLean named to board of Donner

Dr. Guy MacLean has been appointed to the Board of Governors of The Donner Canadian Foundation. The Donner Canadian Foundation is a private institution which makes grants in excess of \$2,000,000 annually for a variety of projects, mainly in the social sciences.

The foundation was established in 1950 by the late William Henry Donner, an American industrialist and philanthropist, who also established the William H. Donner Foundation which makes awards in the same amount annually in the United States.

The boards of the two foundations have overlapping membership. Other members of the board are W. D. Roosevelt,

J. W. Donner, R. Donner, Curtis Winsor Jr., George Goad, Harold MacKay, a Saskatoon Lawyer and Dalhousie graduate, Francis Fox, a Member of Parliament and former member of Prime Minister's office in Ottawa.

Following graduate study in England and the United States Dr. MacLean joined the Department of History at Dalhousie in 1957. Since that time he has held various administrative appointments. He was appointed Dean of Graduate Studies in 1966 and Dean of Faculty of Arts and Science in 1969. He has published in the fields of Canadian history, European history and international affairs.

## Austerity procedures

Continued from Page 1

university research, between 10 and 11 per cent.

We estimate that for 1973-74, we will require \$35.5 million to operate the university. This represents an increase of 11 per cent over the current year's budget figure. We also estimate that our non-government revenue will be \$14.25 million, so we have had to ask the government for a grant of \$21.25 million. This is less than the amount we asked for last year, but it should be remembered that when we asked for \$21.5 million, we received \$17.9 million.

It should also be borne in mind, however, that if, for example, we get an increase of 10 per cent in the government grant, that 10 per cent applies only to two-thirds of our budget which, applied to our total budget figure, would mean an overall increase of between 6 and 7 per cent.

### HIGH FEES

If we want a 10 per cent increase in revenues from our student fees, then we must increase fees by 10 per cent, but since we are already in the unenviable position of having fees as high as any other university in Canada and higher than all but a very few, it would not be prudent to increase them.

The predictions are that we will receive a government grant for next year only 7 per cent higher than this year's; if this is the case, our financial position will be extremely difficult.

On top of this there is the annual problem of never receiving information about the level of support we can expect as early as we would like to get it. We must submit our budget in September or October to the University Grants Committee for the university's financial year which begins the following July. Usually we get advice about the forthcoming grant in March or April, which is so late as to make it difficult for us to plan ahead properly and to readjust our budget.

If we are in a situation bordering on a crisis, and I think we are, what remedial steps can we take?

First, I do not think that because we face difficulties now we should abandon all our plans for the future, but we must all work harder during the remaining years of the 1970s to maintain the quality of our teaching, our research and our obligations to our students, our staff and our public. We may have to endure the frustration of more delays, but I do not think our ultimate target needs to be changed.

### ENDOWMENT FUND

It has been suggested that we dispose of some of the assets in our endowment fund and thus clear off our deficits. Even if we could do this (and we cannot because most of our endowment funds are given to us for specific purposes), our operating position would not be improved significantly. We pay the bank a prime rate which is only a little higher than the yield of our endowment fund. Therefore if we sold \$10 million worth of the fund's assets, the most we could save would be a fraction of a point of interest. We would stop paying interest to the bank, but

we would also stop earning revenue from the endowment fund.

Because of the way we invest, the value of the fund has been keeping pace very well with inflation, whereas our indebtedness to the bank is in constant dollars and is not affected by inflation.

Our current deficit is just over \$4 million, and on this we must pay interest charges. In addition, we have a capital shortfall of about \$8 million on some of our recent building projects. Hopes have been expressed that some of this might be recoverable from government sources, and the University Grants Committee has asked for figures but without promising that anything is to be done for us.

Another difficulty during a building period is that even if we get a total commitment for the cost of a building, neither the federal nor the provincial government will pay us in advance so that we can pay the builder. This means we must borrow from the bank and pay interest charges on what we borrow until the construction work has been approved and the government pays us. The interest charges are added to the university's operating expenses.

When we level off and stop growing, our interest payments will be reduced, but at the moment these are running at between \$600,000 and \$700,000 per year.

Another complication is the proposed Maritime Provinces Higher Education Commission. I fear that the government of Nova Scotia may postpone some decisions, with the thought that they should wait to get the advice of the new commission.

The three provinces have different systems of support for higher education, they still have rivalries and jealousies about their own programs, and if these are not overcome, the commission may well remain in limbo for some time.

What does all this mean to Dalhousie? It means that all of those who have the university or any part of it at heart must feel they have a responsibility extending beyond their own departments to make possible the continued smooth operation of the university by sacrificing those things which are less important and retaining only those which are more important.

How can we pare our budget? First, we never like to have to cut salaries and I hope we will never have to do so; in an era when the cost of living is rising constantly, we also never like to freeze salaries.

This means that more than half of our budget cannot be touched. If, for example, a department has 10 people in it and it wants to add one more person, it will add approximately 10 per cent to the salaries portion of its budget. If the extra person is hired, then that 10 per cent is not available to be added to the salaries of those already there.

If we do not touch the 54-55 per cent of our budget allotted to salaries, it makes it doubly difficult for us to pare the remaining 46-45 per cent. That we have managed to cut back so much in the past is indicative of our efforts towards economies and a credit to our staff.

We are looking very carefully at our staffing situation, particularly in the making of additional appointments and at replacements in any area of the university.

Another way we will continue to try to economize is to look closely at our course offerings to see whether we are offering too many that attract only a few students.

We are also re-examining our purchasing practices and, where possible, the purchase of additional equipment and supplies is being deferred. This also applies to renovations. Indeed, our handling of the budget is being closely re-examined in every way and to this end new guidelines and new policies are being formulated.

That, then, is the general picture of Dalhousie as I see it. I am not discouraged about the future of the university. I do not think we have to stop growing.

What we are doing and have to do cannot be done by only a few people in the Dalhousie community. The difficult tasks ahead require and are receiving the co-operation of all those in the many academic and administrative departments who are charged with the responsibility of making the best use of our resources, human and otherwise.

Finally, we must couple with our belt-tightening measures greater efforts to convince not only the University Grants Committee, and through the committee the government, but also the public that our funds are being well-spent and monitored and our other resources are being used properly.

## Library school lauded

Bouquet for Dalhousie's School of Library Service.

Seven of the staff of the Western Counties Regional Library in Yarmouth attended two of the recent series of Friday morning lectures — having got up at an unearthly hour, leaving Yarmouth at 4:30 a.m. in order to get to Halifax for the 10:30 lectures.

Librarian Barbara Kincaid wrote to Professor Norman Horrocks, director of the school, to offer a "special thank you ... for making the series available to library staff throughout the province."

She added: "Discussion in the days following the lectures has proven quite stimulating. Should the school be planning future series, we would be most interested in participating."

The lecture series is designed to keep faculty and students in touch with outside experts and thought, as well as a means of providing continuing education for Dalhousie staff and other librarians.

## University News

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

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

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



**PhD job difficulties not substantiated**

Recent reports of large-scale unemployment of Ph.D. holders and forecasts of future employment difficulties have not been substantiated by the existence of new doctoral graduates, according to the graduate school. At that time, 96 per cent of the Ph.D.s had jobs, 15 per cent of the remaining four per cent, some would have been obtained by the time of the next employment survey. The association added that it was important to ask what kind of jobs the new Ph.D.s had taken. The Ph.D.s were still following the same route just as they did in the 60's. The drop in university teaching posts was not as great as it had been in the 50's.

The above headline and story, which appeared in the Jan. 19 edition of this newspaper, has brought a considerable amount of negative reaction from Ph.D. students at Dalhousie.

In the following letter to University News fourth year Ph.D. (history) student Ken MacKenzie expresses, quite pointedly, his views on the current job situation for Ph.D's.

**It's not so . . .**

Sir:

To my infinite credit I refrained from rushing over and attacking you on the spot when I first read the item on "Ph.D job difficulties not substantiated" in your issue of Jan. 19.

It is particularly distressing to people like myself, one of the unsubstantiated many who cannot get a decent job, to see such one-sided and distorted items appearing without any effort at assessment.

First let it be noted that the news item upon which your story was based was a "press release" of the Canadian Association of Graduate Schools — hardly an unbiased source.

That august body made the release for one reason, which it expressed most eloquently in the short paragraph in which it exhorted that no reduction in enrolment in graduate schools should be allowed to happen. The original press release was no more than the propaganda of a vested interest; its worth should not be argued with reference to that salient fact.

The sensational way in which the release has been paraphrased is one of the most disturbing aspects of the whole affair. This has led to an almost country-wide 'exposee' of the "Ph.D Myth". But no-one has assessed carefully the figures it used — figures that your newspaper copied.

What of that amazing 10 per cent drop in university teaching posts filled by new graduates between 1964-9 and 1971 that the report glosses over so glibly? That is a critical figure to anyone in the humanities or the pure sciences.

Even more telling, what of the following paragraph?

The drop in university teaching and in industrial employment was made up mostly by increases in the percentages engaged in a variety of occupations shown as 'other' category included employment in business and finance, self-employment, consulting firms, high school teaching, school administration, and, no doubt, a variety of other jobs.

This cynical paragraph destroys the whole framework of the argument used to deny the 'rumour' that Ph.D's cannot find employment. How many Ph.D's in History, or English, or the pure sciences, are employable in business and finance, in self-employment, in consulting firms, and so on? How many of these Ph.D's have spilled over into that revolting catch-all, "a variety of other jobs"? What are these "other jobs"?

Forget all the magnificent statistical tables attached to the release; they seem anyway to have been based on figures emanating from Ontario. Instead, ask around the various graduate departments here at Dalhousie. How many of them have found gainful employment for even a proportion of this year's Ph.D graduates? How many of them have graduates on artificially extended grants simply because no jobs are available?

The problem does not exist only in Nova Scotia. Every university in the country is aware of the state of affairs. Even the impersonal form letters universities use to pass their regrets to supplicants have taken on a personal, sympathetic note, commiserating with their applicant over the dreadful position for new Ph.D's. They admit there is no sign in the immediate future of improvement.

Certainly, follow CAGS and try to go against the very definite trend in Canadian Universities and entice more enrolments to graduate schools. But do not do it with a callous disregard for those graduates you are going to be spitting out at society in the next few years and for whom there appears, at present, not the slightest hope for gainful employment.

There is a solution to the problem, but to date the CAGS has shown neither the interest nor the courage to adopt the Draconian measures required.

But in the last instance what really disturbs me is the apparent apathy over this whole matter. What percentage of this year's potential Ph.D. graduates from Dalhousie do not yet have gainful employment? How many of these have taken objection to this disturbing press release? Mr. Editor, how many members of our university, faculty or student, have taken exception to the article?

Kenneth S. MacKenzie  
1616 Preston Street  
4th year Ph.D (History)

**Two new McCulloch professors**

Two new McCulloch Professors at Dalhousie have been appointed, bringing to three the number of McCulloch chairs now filled.

The chairs, approved early last year, are named after Rev. Thomas McCulloch, first president of Dalhousie, and are in the social sciences and humanities. Their establishment was

designed to attract to Dalhousie scholars of rare distinction, and to provide a complement to the Killam Senior Professorships in the scientific and engineering fields.

(Dr. S. Delbert Clark was appointed McCulloch Professor of Sociology last year).

**Dr. W. C. Smith  
chairman of  
religious studies**

Dr. Wilfred Cantwell Smith, a world-renowned authority on Islamic and general religious studies, has been appointed McCulloch Professor of Religious Studies and chairman of the department, it has been announced by the president, Dr. Henry D. Hicks.

Dr. Smith's appointment is effective July 1 this year.

At present professor of religion and director of the Centre for the Study of World Religions at Harvard, Dr. Smith is the author of more than 50 papers and articles. The five books he has written have appeared in numerous editions and have been translated into several languages; they are: Islam in Modern History (1957), The Faith of Other Men (1962), The Meaning and End of Religion (1963), Modernisation of a Traditional Society (1966), and Questions of Religious Truth (1967).

Born in Toronto, Prof. Smith received his early education at

Upper Canada College and the Lycee Champollion. He was awarded his BA from the University of Toronto in 1938, and his MA from Cambridge in 1947 and his PhD (in 1948) from Princeton University.

Dr. Smith worked with World Missions in India from 1949 to 1963. He was Birks Professor of Religion and Director of the Institute of Islamic Studies at McGill University, and has been visiting professor at the University of London, Princeton and Toronto. He is editorial adviser to Muslim World and the Middle East Journal.

Prof. Smith is a Fellow of the Royal Society of Canada and of the American Academy of Sciences.

When it proposed that a department of religious studies be established at Dalhousie, the committee studying the matter reported that the courses currently provided by some departments which touched on religion were popular. "Thus,



Dr. W. C. Smith.

while — existing courses are valuable, they chiefly relate to the disciplines in terms of which religion is studied (i.e. classics, history, philosophy, sociology and so on). There is, therefore, a need for a department which would teach core courses in religion."

In his first-year course, Dr. Smith will present an introduction to religious man, and his second-year course will be on faith and belief: a comparative study.

**Dr. M. M. Ross  
named to  
McCulloch chair  
in English**

Dr. Malcolm M. Ross, who has been appointed McCulloch Professor of English, is one of Canada's most distinguished scholars in English literature.

Dr. Ross (BA, University of

New Brunswick, 1933; MA, Toronto, 1934; PhD, Cornell, 1941; D. Litt., UNB, 1961) was born in Fredericton, N.B., and has taught at the universities of Alberta, Cornell, Indiana, Manitoba, Queen's, and Trinity College, Toronto.

He was head of the English Department at Queen's from 1957 to 1962 before joining the faculty at Trinity College, the University of Toronto. In 1964 he became Dean of Arts at Trinity College and in 1967 also became acting provost.

Shortly after arriving at Dalhousie, Dr. Ross was appointed chairman of the university's General Committee on Cultural Activities, serving for three years; during his term of office the multi-purpose Arts Centre was opened.

The author of a number of books (Milton's Royalism, 1943, revised 1970; Poetry and Dogma, 1954, revised 1969) and the editor of numerous others, Dr. Ross has written many major articles and reviews.

He is general editor of The New Canadian Library, which was established at his suggestion; the firm of McClelland and Stewart publishes in the series reprints of



Dr. M. M. Ross

significant Canadian books from colonial times to the present. Since 1955, 100 volumes have appeared. In addition, Dr. Ross is editor of Canadian Writers, a new venture that is a sub-series of the New Canadian Library.

Dr. Ross was vice-president of the Royal Society of Canada, Section II (Humanities and Social Sciences), 1969-70, and president, 1970-71. He was a member of the first academic panel of the Canada Council, the Gaudry Committee on Research, the board of directors of Neptune Theatre, chairman of the committee on research for the AUCC, chairman of the Nuffield awards committee, and is a member of several Canada Council awards committees.

He is married and has one daughter.

**Dr. W.E. Lambert  
visits Dal**

Dr. Wallace E. Lambert, of the Psychology Department, McGill University, gave a lecture in the MacMechen Auditorium of the Killam Library.

Dr. Lambert's topic was: "A Community Experiment in the Bilingual Education of Children", which refers to a five year experimental program conducted in St. Lambert, Quebec.

Dr. Lambert is a leading authority in psycholinguistics and bilingualism; he has written numerous essays and articles on such topics as the measurement of bilingual competence, motivation of second language learners, and the neurophysiology of language.

Following Dr. Lambert's lecture, a reception was held at the Faculty Club.



Dalhousie's Faculty of Medicine is now responsible for medical education from year one of the student's medical training to physician retirement.

It oversees the education of the full-time undergraduate in medical school, the full-time resident during his specialty training; and the practising physician through a program of continuing medical education.

Dr. Lea Steeves, associate dean of medicine, says this represents a "total look" in medical education.

The intern-residency program which is under his supervision is one that has evolved out of the philosophy and activities of the medical school over the years.

The school has always been involved in intern training. As

Coinciding with this has been the medical school's role in continuing medical education which began in 1922 when it offered its first post-graduate course. The trend to specialty training added yet another dimension to its earlier commitment to intern training and continuing medical education.

With the end of World War II there was a marked upswing in interest in specialty careers in medicine.

The common pattern throughout Canada at that time was for hospitals to develop formal residency training programs of their own for these

and ophthalmology.

Similar university programs were being developed elsewhere in Canada.

The Royal College of Physicians and Surgeons of Canada which sets standards for specialty training, recognizing the value of integrated university-hospital training programs for residents (rather than independent hospital programs), requested

of continuing medical education who has up to now been in close contact with intern and residency training and the fourth year clerkship program, is responsible for inter-residency program.

Med  
Ed --  
'total  
look'

From year one to retirement

package has its advantage.

"It represents a more efficient kind of medical education when viewed from the entire perspective.

"It allows for more efficient allocation of teaching resources and permits education policy to be established on a more logical and continuous basis."

Consolidation of all medical education within the Faculty of Medicine has increased the administrative load within the dean's office, but says Dr. Steeves, one all-encompassing

medical schools to extend that involvement. Dalhousie agreed in principle to do so in December, 1960.

By July, 1969, integration of all teaching programs under university auspices had been implemented by Dalhousie and its affiliated teaching hospitals.

Specialty training now includes programs in medicine, obstetrics and gynaecology, ophthalmology, otolaryngology, paediatrics, psychiatry, surgery, urology, anaesthesia, microbiology, pathology, neurosurgery, neurology, orthopaedics, plastic surgery, physical medicine, radiology and radiotherapy.

Dr. Steeves, a former director

specialties. But because of Dalhousie's experience in internship training with affiliated hospitals in the Atlantic provinces, it was, according to Dr. Steeves, a logical step for faculty to assume a role in residency training.

The university offered its first residency training program in the field of psychiatry in the late 1940's and by the '60's had extended this operation to university-based programs in anaesthesia, otolaryngology

far back as he can remember, Dr. Steeves says, the faculty has always considered intern training as part of the student's educational experience, to be conducted in co-operation with interested hospitals in Halifax and elsewhere in the Atlantic Provinces.



Dr. Lea Steeves

## Wanted: 600 volunteers

Wanted: 600 volunteers from all walks of life in the Halifax area to take part in a study on Vitamin C and the common cold.

The man who wants the

willing 600 is Dr. Walter L. Johnson, a fellow in the Family Medicine Centre at Dalhousie University, who, with second-year medical student Steve O'Brien, is undertaking a study

to find out whether or not Vitamin C is a practical protection against the common cold.

Supplies of Vitamin C and placebo have been made available by Hoffman LaRoche Drug Co. of Montreal.

The experimental design will be that of a double-blind study, divided into two parts of three months each. Subjects will be randomly assigned to either the vitamin C group or to the placebo group. During the first three months each group will receive two grams per day. During the last three months the dosage will be increased to three grams per day.

Dr. Johnson says that the project has been outlined to approve or disprove some of the assertions made by Dr. Linus Pauling, author of the book *Vitamin C and the Common Cold*.

The study, he said, will attempt to answer three questions: Does Vitamin C administration decrease the prevalence and incidence of the common cold; does increased dosages of Vitamin C yield increased protection against the common cold; and does Vitamin C in large dosages cause any adverse effects on any organ system.

A recent study of 1,000 people taking one gram per day for a three-month trial, showed that in terms of average number of colds and days of sickness per subject, the vitamin group experienced less illness than the placebo group, but that the differences were smaller than have been claimed. Johnson says they did however find that there was 30 per cent fewer total days of disability among the vitamin C Group; which is significant.



Dr. Walter L. Johnson

## Friday-at-Four

Following is the schedule for the Friday-At-Four lectures presented by the Division of Continuing Medical Education on behalf of the Faculty of Medicine.

February 9 — Dr. W. H. Feindel, Neurosurgeon-in-Chief, Montreal Neurological Institute. **Functional Anatomy of the small blood vessels of the brain.**

February 16 — Dr. Howard Barrows, Professor of Medicine, McMaster University. **Is there a scientific basis of Medical Education?**

February 23 — Dr. Grainger W. Reid, Ministry of Health, Province of Ontario. **Health Care Issues of the Seventies.**

March 9 — Dalhousie research. **Student presentations on summer research projects.**

March 16 — Dr. Frank Brooks, Chief, Gastro-Intestinal Section, University of Pennsylvania. **Topic to be announced.**

March 23 — Dr. J. D. Wallace, secretary-general, Canadian Medical Association. **Health Care — Team or Superstar Sport.**

March 30 — Dr. Nathan B. Epstein, Professor & Chairman, Department of Psychiatry, McMaster University. **The McMaster Perspective on Models of Health Care Delivery.**

April 6 — Dr. Benjamin Trump, Chairman of the Department of Pathology, University of Maryland Medical School, Baltimore. **Scientific Basis of Medicine.**

April 13 — Dr. Richard Aubry, Associate Professor, Department of Obstetrics & Gynaecology, Upstate Medical Centre, Syracuse, N.Y. **Care and Feeding of a Fetus.**

April 27 — Dr. J. Graham Clarkson, Association Professor, Division of Health Services, University of Alberta. **Health Care Issues of the Seventies.**

May 4 — Dr. John Hastings, Professor of Medical Care, Department of Health Administration, School of Hygiene, University of Toronto. **Health Care Issues of the Seventies.**



## Unity is the theme of Law Society

If the aim of the Dalhousie Law Students' Society can be summed up in one word, it's unity. "That's the whole purpose of our existence," says society president Fred Sagel.

It was on this theme that Sagel and his executive of vice-president Lois Dyer and secretary Dave Jenkins undertook the task of heading up this year's version of the society.

Now as their term of office comes to a close, Sagel, after some prodding, modestly admits that it has been a successful year for the society.

The unity aspect of the law school has been nurtured by two innovations — a student newspaper and a change in internal government structure.

The newspaper, *The Weldon Times*, may be small in

circulation but it is large in its approach — to keep the students informed, as well as to provide an outlet for constructive comments.

The governmental change involved the setting up of a students council within the law school. Since it has only been operative for a month, it is obviously too early to access the impact of the council.

"But," says Sagel, "it appears to be working . . . it is a method to channel student opinion to faculty and provide for more co-ordinated thinking." He feels that the structure will provide a greater "closeness" between students and faculty.

"By co-ordinating more with the faculty we hope to initiate a greater role in what goes on in the school," he said.

The unity theme is apparent not only between the law students themselves, but between students and faculty and Sagel is high in his praise of Dean Ronald St. John Macdonald for his interest in fostering a spirit of co-operation not only between students and faculty but between the law school and other parts of the university.

For the third year the Law School will have its own convocation, separate from the main university ceremonies. This concession has been a bone of contention within some circles of the university.

"Some factions accuse us of trying to be elite . . . this couldn't be further from the truth," says Sagel.

He views the law school as a family within the Dalhousie community, and a very closely knit one at that.

"We are, in many ways, isolated from the rest of the university for three years and consequently, because of our common courses, problems and goals, work together as a family . . . because of this, on our biggest day, we'd like to graduate, together."

The Dalhousie Law School has expanded significantly in recent years, but society president Sagel hopes "we have been able to foster a close working relationship between students and professors and at the same time keep the academic calibre at a high level . . . I have fears that more expansion would adversely affect this situation."

A native of Preston, Ont., Sagel is scheduled to receive his LL.B. in May and plans to return to Ontario for his articling.

## Vanier director to lecture

William A. Dyson, Executive Director of The Vanier Institute of the Family, will deliver a public lecture on "Social Policy in Canada: Quest For Humanization" Monday, February 12 at 8 p.m. in the Dalhousie Arts Centre, Room 406.

A member of the Castonguay-Nepveu Commission of Inquiry on Social Welfare, Government of Quebec, from 1966-1971 and past Chairman of the federally-appointed National Council of Welfare (1969-1972), Mr. Dyson has had a wide range of experience in social policy institutions in Canada.

He has been a staff member of the Canadian Council on Social Development, Federal Department of National Health and Welfare, Special Planning Secretariat of the Privy Council Office, and Director of the Federation of Catholic Charities in Montreal.

His visit to Halifax is being co-sponsored by the Maritime School of Social Work and the Department of Public Welfare.

During his stay, he will participate with Department of Public Welfare staff in a two-day seminar on "The Family: Its Role and Its Future"; consult on the social planning concentration currently being developed at the Maritime School of Social Work, and participate in seminar classes and informal discussions with students and faculty at the School.

## Visitor to Pharmacy

Dr. G. L. Mattock, Acting Chief, Pharmaceutical Chemistry Division of the Health Protection Branch, Ottawa, recently visited the College of Pharmacy.

While at Dalhousie, Dr. Mattock presented lectures on "Dissolution Tests and Drug Product Quality," to faculty and graduate students and on "The Design of Bioavailability studies", to undergraduates.

During his two day visit, Dr. Mattock, also participated in a Pharmacy Continued Education Seminar.



Third year law students Fred Sagel, left, Lois Dyer and Dave Jenkins comprise the executive of the Dalhousie Law Society.

## Second World War theme of History series

**HALIFAX AT WAR —**  
The War on Land, at Sea and in the Air—

Eyewitness accounts by people who were actually there —

This will be the theme of a four-part lecture series for History 00 Zero students, to be given by distinguished Canadians on their experiences in and impressions of the Second World War.

The lectures are in keeping with the general concept of the History 00 Zero course, which is to look at history through the mood and events of the last 100 years, decade by decade.

The themes selected for the period from 1939-1945 are those that seem to convey the distinctive flavor of the period.

The roster of speakers and the dates of their lectures are as follows:

Major-General Roger Rowley, Canadian Army (retired), Feb. 12; Rear Admiral Desmond William Piers, Royal Canadian Navy,

Feb. 14; Frank Covert, barrister, who served with the RCAF, Feb. 19; Isabel MacNeill, former officer in the WRENS, Feb. 21.

Major-General Roger Rowley is a native of Ottawa and studied at Dalhousie.

He was commissioned in the Cameron Highlanders of Ottawa and served with that unit from 1939-42 in Canada, Iceland and Britain, and for a short time commanded the Canadian Army Battle School in England.

In 1944 he was appointed Commanding Officer of Stormont, Dundas and Glengarry Highlanders and received the DSO during campaigns in Northwest Europe.

Following the war, Rowley served with the Canadian Army Staff in Washington, D.C., commanded the 2nd Canadian Infantry Brigade group in Germany and served as commandant of the Canadian Army Staff College from 1958-62.

Before retiring he was Commander of Army Tactics and Organization Board and subsequently Deputy Commander of Operations, Mobile Command Headquarters, in Longueuil, Que.

Rear Admiral Desmond William Piers, had a distinguished career in the Royal Canadian Navy.

His war duties saw him with the fourth Canadian Escort Group on the North Atlantic convoy routes from 1941-43, with the naval invasion forces in Norway and on convoy duty to northern Russia in 1944-45.

After the war, he served as director of naval plans and operations, Naval Headquarters in Ottawa; assistant chief of staff to Supreme Allied Command, Atlantic; Honorary ADC to his Excellency the Governor General for three years; chairman of the Canadian Defence Liaison Staff in Washington, D.C., and Canadian representative on the NATO military com-

mittee.

He was awarded the DSC in 1943 and is a fellow of the Royal Commonwealth Society.

Frank M. Covert, OBE, is a graduate of Dalhousie's law school and is a member of the university's Board of Governors.

He is a practising lawyer in a Halifax firm and actively involved as president or director of a number of investment houses, pulp and paper companies and private business corporations.

From 1940-42 he served as assistant general-counsel with the Department of Munitions and Supply. For the next three years he served with the RCAF as navigator and was awarded the DFC.

Miss Isabel MacNeill, OBE, is a resident of Mill Village, N.S., and has had a varied career.

Prior to the Second World War, she went from a job as scenic designer in London, England, to a post as teacher

of history of art and drama in a Washington, D.C. Junior High School.

She returned to Canada prior to the war and became involved within voluntary war work with the Ajax Club of Halifax — a north-end service canteen.

From 1942-46 she served with the Women's Royal Canadian Naval Service.

Since retirement from the service she has been involved with women's correctional institutions and has been active in making representation to the federal government in this regard.

History 00 Zero or, this Century Has Ten Decades, is made up of topic blocks. The present topic block is number eight and has four main components. In addition to the lecture series the students will audit an electric head (A/V production) on the subject of the holocaust, and see a film regarding German-occupied France.





The CUSO-Nova Scotia campaign for funds is now under way under the chairmanship of Halifax businessman Lloyd R. Shaw, right. With Mr. Shaw are Sister

Catherine Wallace, left, president of Mount Saint Vincent and a CUSO director, and returned volunteers Candice Butcher, Mike Yetman and Gail Giles.

## Dr. Vanier to lecture

Dr. Jean Vanier, well known for his work with the mentally handicapped and the poor in Canada and France, will give a public lecture at Dalhousie University on Monday (Feb. 5).

Dr. Vanier, whose lecture at Dalhousie begins at 8 p.m. in the McInnes Room of the Student Union Building, will also speak in the afternoon at Saint Mary's University.

Between lectures he will attend the 5.15 p.m. Mass at St. Mary's Basilica, where he will deliver the homily.

## Dr. R. Jeltsch busy lecturer

Dr. R. Jeltsch of the Mathematics Department is a busy man. He will be giving one or more invited lectures at each of the following institutions during the period Jan. 25 - March 1.

Universite Laval, Queen's University, University of Waterloo, University of Toronto, University of Wisconsin, University of Illinois at Urbana-Champaign, Purdue University, Ohio State University, Kent State University.

# CUSO launches provincial campaign

A Nova Scotia fund raising campaign with a goal of \$10,000 has been launched by Canadian University Services Overseas (CUSO).

The campaign, the first ever to be conducted in the province, will provide funds for the voluntary organization to be used to assist some 1,236 CUSO

volunteers across the world, including 24 from Nova Scotia. The drive is under the chairmanship of Lloyd R. Shaw. CUSO is the largest private

Canadian agency supplying skilled personnel — in more than 70 occupational categories — for development work overseas. The organization, which is not a relief, religious or emergency aid program, has volunteers working under the plans and priorities of 40 countries in Africa, Asia, Latin America, the Caribbean and the Pacific.

Previously, Nova Scotian volunteers has had to depend on the support of other parts of Canada and even the United States, according to Rev. Don Trivett, of Dalhousie, a member of CUSO's national board. He said this fund raising campaign will give Nova Scotians the opportunity to make a more substantial contribution to the national program.

The cost of sending one CUSO volunteer overseas for two years comes to \$7,500. A large proportion of this cost is financed by the foreign country in the volunteers' salaries (36 per cent) and by the Canadian International Development Agency (52 per cent) in the form of a grant.

The remaining 12 per cent has to be supplied by CUSO itself to maintain its independence as a private agency. This means that the CUSO, apart from government assistance, must supply about \$800 of the \$7,500 required to provide a volunteer overseas.

It costs CUSO approximately \$19,000 to supply the 24 Nova Scotian volunteers. Mr. Trivett said that the goal of \$10,000 from Nova Scotia "is certainly not too high."

In 1972, Nova Scotians donated \$325 which was only enough for half a volunteer. More assistance was received from the United States (approximately \$3,200) he said.

Several letters have been sent

out to business and industrial leaders to try and encourage their support in this fund drive.

"I am sure the people of the business community will be glad to have the opportunity to contribute to CUSO's work. I don't personally know of any other Canadian international organization that is providing the worthwhile assistance which CUSO is," he said.

Universities in Nova Scotia have their own CUSO committees and have helped considerably in its work of recruitment and selection and in shaping CUSO's policies and programs. They are represented at both the regional and national level and through their members on the national board participate in decisions affecting CUSO's worldwide operations.

The volunteers come back from working with CUSO better equipped to serve their own areas, said Sister Catherine Wallace, president of Mount St. Vincent University and a member of CUSO's national board.

"It gives them realism to temper their idealism and knowledge to temper their creative thinking making them more useful to their community than if they didn't go in the first place," said Sister Wallace.

Mr. Shaw said private donations are welcome. "Anyone wishing to contribute can send their contribution to Box 916 in care of L. E. Shaw Ltd., and we will forward it through the national office."

The committee in charge of the Nova Scotia campaign includes Mr. Shaw, the chairman, Sister Wallace; Don Simpson, of the Canadian Imperial Bank of Commerce; Mr. Trivett and Craig Robar, a returned volunteer.

## "The Hollow Crown" festival highlight

The 1973 Halifax Music Festival will open Monday, Feb. 5, with a special festival production of "The Hollow Crown" presented by the Department of Music of Dalhousie University.

"The Hollow Crown" devised by John Barton is rather an unusual entertainment about and by the Kings and Queens of England — music, poetry, speeches, letters and other writings from the chronicles, from plays, and in the monarch's own words — also music concerning them and by them.

The original production was at the Royal Shakespeare Theatre at the Aldwych Theatre, London, in 1961, and was later transferred for an extended run to New York.

Many players have added their names to the talent who have played in this show, including Dorothy Tutin, Dame Peggy Ashcroft, Vanessa Redgrave, Richard Johnson, Max Adrian and Marius Goring.

This Dalhousie production will feature Nancy Ahearn, Philip May, Scott Savage and Philip Welch; with Stanley Nickle, tenor, Bonnie Atkinson, baritone, Robert Selby, baritone and Eleanor Ritcey May at the harpsichord and piano.

Nancy Ahearn is a native of Halifax, who has studied ballet, music and theatre. She has appeared with Pier I productions and with the Saint Mary's

Dramatic Society.

Philip Welch, currently an Associate Professor of Paediatrics at Dalhousie, has a background of theatre including appearances in the fringe theatres of the Edinburgh Festival.

Philip May is well-known to Halifax audiences for his portrayals in the Dalhousie Opera and local concert work. This will be Prof. May's first dramatic role. He is also a Professor of Voice with the Department of Music.

Scott Savage needs no introduction to Halifax theatregoers. As a singer-actor he has a broad background in many facets of theatre in many parts of the world. He is with the Department of Music at Dalhousie.

Stanley Nickel was recently seen with the Dalhousie Opera production of the Mikado.

Lonnie Atkinson, a baritone training with Mary Dee Gorrion, also appeared in the Mikado.

Robert Selby, a student in the Department of Music, had a good musical background in his native Saint John. He is also the soloist at St. Paul's Church.

Eleanor Ritcey May, coach and repetiteur with the Dalhousie Opera, is a well-known accompanist both in concert and radio.

This production has been prepared by Prof. Scott Savage.



# Swim team successful

The Dalhousie men's swimming team extended its string of Atlantic Intercollegiate Athletic Association dual meet victories to five when it defeated the University of New Brunswick and Memorial University in Halifax last month.

The women's team recorded its third victory at the meet, over Memorial, but lost to UNB.

In the men's competition, the Dalhousie team defeated Memorial 60-50 and UNB 59-51, taking first place in eight of the 13 events.

Triple winners for Dalhousie were third-year men Peter Guildford and John March. Guildford won the 100 yards freestyle in 54.5 seconds; the 200 yards freestyle in 1:57.4; and the 500 yards freestyle in 5:27.8. March was first in the 200 yards individual medley, 2:12.8; the 200 yards backstroke, 2:14.1; and the 200 yards butterfly, 2:13.9.

Other first places went to the Dal team in the 400 yards medley (4:12.5), and to Robin Brickenden, in the 200 yards breaststroke, 2:30.9. Brickenden was also second in the 200 yards individual medley; Steve Cann was second

in both the 50 yards freestyle and the 200 yards butterfly, and Peter March was second in the 200 yards backstroke.

In the women's competition, the Dalhousie team recorded its third dual meet victory of the season and its second over Memorial, with a score of 61-18. But in action against UNB, the Dal girls were downed 73-33.

Wendy Lacusta, a first-year physical education student, led the women to its win over Memorial. She won the 200 yards individual medley and the 100 yards freestyle (2:36.9) and 1:03.5) respectively). Also outstanding for Dalhousie was Kathy Armstrong who, in addition to placing second in the 200 individual medley, won the 200 yards breaststroke in a Dalhousie record-breaking time of 2:51.5.

This brought to 17 the total of Dalhousie team records established this year.

Point-scoring performances also included those of Leah Hull, second in the 50 yards freestyle, Charlie Comeau, second in the 1000 yards freestyle, and Anne Gass, second in the 500 yards freestyle.

Womens	1. U.N.B. 'A'	4:57.0
400 Medley Relay	2. U.N.B. 'B'	6:09.0
	3. DAL	6:26.0
Mens	1. DAL	4:12.5
400 Medley Relay	2. U.N.B. 'A'	4:15.4
	3. U.N.B. 'B'	4:20.8
	4. M.U.N.	Disq. 4:10.4
Womens	1. L. Gray	2:23.4
200 Freestyle	2. C. Mulholland	2:31.8
	3. G. McFall	2:36.0
	4. A. Gass	2:47.7
	5. S. Hooker	Exhib. 2:55.0
Mens	1. P. Guildford	DAL 1:57.4
200 Freestyle	2. R. McKim	MUN 2:01.3
	3. P. Robinson	UNB 2:02.4
	4. P. March	DAL 2:04.6
	5. D. McFall	UNB 2:05.0
	6. A. German	MUN 2:17.1
Womens	1. M. Trenholm	UNB 29.5
50 Freestyle	2. L. Hull	DAL 30.0
	3. B. Quinn	MUN 30.3
	4. G. Grant	MUN 30.6
	5. J. Nickerson	UNB 30.5
	6. D. Ring	DAL 32.5
Mens	1. J. Dowd	UNB 24.1
50 Freestyle	2. S. Cann	DAL 25.6
	3. P. Landrigan	MUN 26.1
	4. M. Flannery	UNB 26.5
	5. G. Wheeler	MUN 26.5
	6. J. Mason	DAL 27.1
Womens	1. W. Lacusta	DAL 2:36.9
200 Ind. Medley	2. K. Armstrong	DAL 2:43.2
	3. A. Thompson	UNB 2:46.1
	4. C. Shearer	UNB 3:07.8
	5. B. Fraser	UNB Exhib. 3:15.2
Mens	1. J. March	DAL 2:12.8
200 Ind. Medley	2. R. Brickenden	DAL 2:17.1
	3. J. Landrigan	MUN 2:20.7
	4. L. Easterbrook	UNB 2:31.8
	5. B. Roberts	UNB 2:32.5
	1. S. O'Keefe	MUN 203.10
Mens	2. J. Thompson	UNB 188.75
1 Metre Diving	3. B. MacCartney	UNB 121.10
	4. T. Davies	UNB 113.15
	5. K. Byrne	MUN 100.85
1 Metre Diving	1. B. Reid	UNB 152.25
	2. J. Proudfoot	UNB 101.45
	3. A. Mulherin	UNB 91.60
Womens	1. S. Fitzgerald	UNB 13:05.0
1000 Freestyle	2. C. Comeau	DAL 16:06.9
	3. B. Fraser	UNB Exhib. 16:28.7
Mens	1. B. Hewson	UNB 12:45.1
1000 Freestyle	2. G. Walsh	MUN 13:13.5
	3. J. McKim	DAL 14:36.1
Womens	1. D. Prince	UNB 2:37.3
200 Butterfly	2. C. Mulholland	UNB 3:05.8
Mens	1. J. March	DAL 2:13.9
200 Butterfly	2. S. Cann	DAL 2:29.3
	3. S. Coldwell	UNB 2:31.8
	4. D. Robbins	MUN 2:33.9
	5. C. Maitland	UNB 2:35.5
Womens	1. W. Lacusta	DAL 1:03.5
100 Freestyle	2. L. Gray	UNB 1:04.5
	3. M. Trenholm	UNB 1:08.2
	4. L. Hull	DAL 1:08.6
	5. G. Grant	MUN 1:08.7
	6. L. Petford	UNB Exhib. 1:19.8
Mens	1. P. Guildford	DAL 54.5
100 Freestyle	2. P. Robinson	UNB 55.3
	3. G. Dean	MUN 56.5
	4. G. Wheeler	MUN 58.9
	5. B. Farris	UNB 59.8
	6. D. Mosher	DAL 1:02.4
Womens	1. B. Quinn	MUN 2:47.9
200 Backstroke	2. A. Thompson	UNB 2:47.9
	3. G. McFall	DAL 2:53.2

# SPOT of SPORT

By Maurice MacDonald

The Tigrettes basketball team continues to roll merrily along. The classy lassies have recorded six consecutive victories without a loss in Atlantic Intercollegiate competition and have a berth in the national championships as their goal.

Their last three victories were impressive ones — 51-24 over Mount Allison and 65-35 and 68-43 over the University of Prince Edward Island. The latter two victories came without the services of team captain Wendy Moore who injured her ankle in the Mount A contest.

Consistent play has been the key to the Tigrettes' success thus far. In their victory against Mount Allison, Rose Johnston paced Dal with 15 points. In their first victory against UPEI, rookie Helika Hudoffsky accounted for 22 points. In their final victory over the Islanders, Miss Johnston scored 18 as did Judi Rice, while Miss Hudoffsky accounted for 14.

Meanwhile things have not fared so well for the men's team. Up until this past week the Tigers have had success against every entry except Acadia and Saint Mary's. Al Yarr's young squad has not been able to match baskets with the league's two top entries.

But the toughest defeat of all came this past week when the Tigers dropped a 64-62 decision to the previously winless St. F.X. X-men. The X-men scored the winning basket with only three seconds left in the game.

But the hardest part of the defeat was the remarkable comeback by the Tigers that was to no avail.

Dalhousie was behind by 20 points, 39-19 at half time, but then turned it on in the second half, shooting 50 per cent, to go into a tie with the Xaverians, 60-60, with only three minutes remaining, but it was in vain.

On the gymnastic scene the Dalhousie women's team won its second meet of the year with a victory over the University of New Brunswick. The Dr. Jukka Laitakari-coached team had previously defeated Acadia.

This is the first year that Dal has had a full women's team competing in the intercollegiate conference.

The men's team, meanwhile, dropped close decisions to Acadia, Moncton and UNB.

The varsity hockey team, after taking a 13-6 drubbing from the league leading Saint Mary's Huskies, made a trip to Newfoundland and took their frustration out on Montreal University.

The Pierre Page-coached Tigers trimmed the Beothuks 6-3 and 7-2, completely dominating both contests, outshooting Montreal 42-30 and 40-29.

The junior varsity team, under coach Tom MacDonald, has been having marked success in the College Conference loop. Their most recent victory was an 11-0 win over Acadia. Robbie MacDougall scored three goals and assisted on three others while Joe Taranchuk recorded the shutout.

The recent wrestling clinic sponsored by the School of Physical Education, under the direction of Dr. Norm Watts, was highly successful. The clinic attracted 70 students and 35 coaches and teachers.

Dalhousie has been a prime moving behind amateur wrestling in the area and the result is that an amateur wrestling commission will be set up in the province very shortly to assist in the development and growth of the sport.

	4. C. Newman	DAL 3:23.5
	5. B. Fraser	UNB 3:25.6
	6. C. Shearer	UNB 3:10.9
Mens	1. J. March	DAL 2:14.1
200 Backstroke	2. P. March	DAL 2:20.4
	3. P. Landrigan	MUN 2:30.2
	4. S. Golden	UNB 2:30.2
	5. I. Moodie	UNB 2:41.0
Womens	1. J. Henderson	UNB 6:59.1
500 Freestyle	2. A. Gass	DAL 7:33.1
	3. L. Henry	UNB 7:55.3
	4. D. Ring	DAL 8:05.4
Mens	1. P. Guildford	DAL 5:27.8
500 Freestyle	2. D. McFall	UNB 5:48.9
	3. D. Robbins	MUN 5:59.1
	4. A. German	MUN 6:33.9
	5. J. Hanrahan	DAL 6:41.1
	6. I. Anderson	UNB 7:18.1
Womens	1. K. Armstrong	DAL 2:51.5
200 Breaststroke	2. J. Nickerson	UNB 2:57.8
	3. A. Kent	DAL 3:15.8
	4. H. Greenbank	UNB 3:32.5
	5. M. Eaton	MUN 3:33.9
Mens	1. R. Brickenden	DAL 2:30.9
200 Breaststroke	2. J. Landrigan	MUN 2:32.8
	3. R. Wheeler	MUN 2:34.8
	4. M. Flannery	UNB 2:37.5
	5. M. Curtis	UNB 2:52.4
	6. D. Mosher	DAL 3:04.5
Womens	1. J. Proudfoot	UNB 102.90
3 Metre Diving		
Mens	1. S. O'Keefe	MUN 210.81
3 Metre Diving	2. J. Thompson	UNB 161.05
	3. T. Davies	UNB 115.75
	4. K. Byrne	MUN 94.05
Womens	1. UNB	4:22.0
400 Freestyle Relay	2. DAL 'A'	4:39.3
	3. DAL 'B'	5:08.5
	4. UNB	5:17.2
	5. DAL 'C'	5:31.6

# Operation Contact featured

Operation Contact, a new concept in information service will be the theme of a lecture to be given by Bettie Armitage, director of Owen Sound, Ontario, Contact Centre, at 10:15 a.m., Feb. 9, in the Dalhousie Killam Library Auditorium.

Mrs. Armitage's lecture, which is organized by Dalhousie's School of Library Service, will deal with the work being carried out by the Centre and the consequent need for what she calls a new kind of information profession.

The Contact Centre handles information on such matters as rental and homemaker problems, financial counselling, legal aid, senior citizen needs, child care problems, consumer complaints, unemployment and rehabilitation counselling.

The agency is more than a referral or reference service. It operates on a policy of seeing the client through with his entire problem, or what the staff of the Centre refer to as "the whole person" approach.

# Council list available

In the attempt to provide potential employers with background information about Canada Council fellowship holders who will be available for employment, the council has published a comprehensive list of all of its doctoral fellowship holders in the third and fourth years of their studies.

Fellowship holders last year completed a questionnaire for the council, and the council has now issued a publication listing the following information on each of its award recipients:

Age, area of specialization, doctorate completion date, degrees previously obtained, and the number of years of university teaching experience.

The listings also include the preferred sectors and regions of employment and the date of availability for employment. The publication is divided by academic discipline.

A copy of the publication is available for inspection in the President's Office.

# Dentistry display

The annual table clinic presentation by the senior year Dentistry and Dental Hygiene students will take place in the Dentistry Building, 5981 University Avenue, commencing at 7:30 p.m., Wednesday, Feb. 7.

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

All faculty, staff and students are welcome to attend.



# bulletin board

## Monday, February 5

2 p.m. — The Biology and Behaviour of Seals, one in a series of graduate seminars arranged by the Department of Psychology. The visual system: physiology and psychophysics, by D. M. Lavigne, Room 5260, Life Sciences Centre.

3:30 p.m. — Mathematics Colloquium — Prof. P. Fillmore of Dalhousie will speak on "Shift Operators". Room 2922, Life Sciences Centre.

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

8 p.m. — Public lecture by Dr. Jean Vanier, Vanier Institute, on "Peace - Poverty and man's approach to these." McInnes Room, SUB.

8 p.m. — French Club film series — "Une Vie", Killam Library Auditorium.

## Tuesday, February 6

9 a.m. — AMC seminar on Sales Management, Killam Library.

12:15 p.m. — Lunch Hour Films on Art - Civilization #9 - "Pursuit of Happiness", Room 4-06, Arts Centre.

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

6 p.m. — Women's Basketball - Dal at Acadia.

8 p.m. — African Studies seminar series; The OAU and the development of African diplomacy by M. J. Cousineau, University of Montreal. Room 303, Arts and Administration Building.

8:30 p.m. — Official Opening of the Dalhousie Student, Staff and Alumni Exhibition; Art Gallery, Arts Centre.

## Wednesday, February 7

9 a.m. — AMC seminar on Sales Management, Killam Library.

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

4 p.m. — Physics Department seminar by Dr. R. A. Wiggins, University of Toronto. "Earth Modelling - the Inversion of Geophysical Data". Room 101, Sir James Dunn Science Building.

7:30 p.m. — Dalhousie University Concert Band practise, Room 121, Arts Centre.

7:30 p.m. — German Club and German Department film series, "Das Totenschiff," starring Horst Bucholz and Mario Adorf, Room 4-06, Arts Centre.

## Thursday, February 8

9 a.m. — AMC seminar on Sales Management, Killam Library.

7 p.m. — George E. Wilson History Club reception, Smith House Lounge, Howe Hall. All History faculty members and students are invited.

8 p.m. — Hockey game - St. F.X. at Dal.

8 p.m. — Dalhousie Chamber Orchestra practice, Room 121, Arts Centre.

9 p.m. — Discotheque - Grawood Lounge, SUB. Admission 50¢.

## Friday, February 9

9 a.m. — CUNSA annual conference opening session, SUB.

10:15 a.m. — School of Library Service Friday lecture series - "Development of Community Information Centres in Canada." Guest speaker, Bettie Armitage, Killam Library Auditorium.

1 p.m. — CUNSA - Afternoon session; keynote speaker is Dr. Beverly DuGas. She will discuss the Hastings Report, SUB.

4 p.m. — Friday at Four lecture series with guest speaker, Dr. W. H. Feindel, Montreal Neurological Institute, "Functional anatomy of the small blood vessels of the brain," Lecture theatre A, Tupper Building.

6:30 p.m. — Women's Basketball - UNB at Dal.

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

9 p.m. — Grawood Lounge - SUB - Entertainment by Pegasus. Admission \$1 with ID.

## Saturday, February 10

9 a.m. — CUNSA - meetings being held in the SUB.

2 p.m. — Hockey game - Dal at Mount Allison.

2 p.m. — Judo - AIAA Championships at SMU; Wrestling Championships at University of Moncton; Volleyball Championships at St. F.X.

7 p.m. — Dalhousie Film Theatre - "Soldier Man", Rebecca Cohn Auditorium. Admission: \$1-non-members; free - members.

7:45 p.m. — Dalhousie Film Theatre - "Triumph of the Will".

## Sunday, February 11

10:30 a.m. — CUNSA general meeting, SUB.

2 p.m. — Hockey game - Dal at University of Moncton.

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

## Monday, February 12

2 p.m. — The Biology and Behaviour of Seals; one in a series of graduate seminars arranged by the Department of Psychology. Audition, Bertel Mohl of the Zoologisk Institut, Aarhus Universitet, Room 5260, Life Sciences Centre.

3:30 p.m. — Mathematics Colloquium - Prof. Frank Tall, University of Toronto. An alternative to the continuum hypothesis and its uses in general topology, Room 2922, Life Sciences Centre.

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

8 p.m. — Lecture sponsored by the Maritime School of Social Work on "Social Policy in Canada: Quest For Humanization" by William Dyson, executive director of the Vanier Institute of the Family, Room 406, Arts Centre.

8:15 p.m. — Nova Scotia Institute of Science: E. C. W. Perryman, director of applied research and development, Atomic Energy of Canada, speaking on Nuclear Power in Canada - Present and Future, Room 101, Sir James Dunn Science Building. Council meeting at 7:30.

8:30 — Atlantic Symphony Orchestra concert series: National Arts Centre Orchestra, Rebecca Cohn Auditorium, Dalhousie Arts Centre.

8:30 p.m. — Men's Basketball - SMU at Dal.

## Tuesday, February 13

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

7 p.m. — Department of Commerce and Business Administration public lecture: Ralph Medjuck, president of Centennial Properties Ltd., speaking on Entrepreneurship and Social Responsibility, Room 113, Weldon Law Building.

8 p.m. — African Studies Seminar series: Prof. R. Smith, speaking on The Provincial Revolutionary, Room 303, Arts and Administration Building.

8:30 p.m. — Atlantic Symphony Orchestra concert series: National Arts Centre Orchestra, Arts Centre.

## Wednesday, February 14

All day: Institute of Public Affairs (Advanced Management Centre) seminar: Introduction to Industrial Relations, a new offering designed for the newly appointed manager, owner-manager. Emphasis on approaches to industrial relations problems, Killam Library Auditorium.

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

All day: One day seminar by the Institute of Public Affairs (Advanced Management Centre) - Industrial Relations led by R. A. Street, Killam Library Auditorium.

7:30 p.m. — Dalhousie Concert Band practice, Room 121, Arts Centre.

9 p.m. — Grawood Lounge SUB - Graduate Students Night with the Dutch Mason's Trio, Admission by card.

## Thursday, February 15

8 p.m. — Dalhousie Chamber Orchestra practice, Room 121, Arts Centre.

8:30 p.m. — Dalhousie University Film Society: "The Damned", Rebecca Cohn Auditorium, Arts Centre; by membership only.

9 p.m. — Grawood Lounge SUB; entertainment by Dutch Mason's Jazz Trio, Admission \$1.

## Friday, February 16

10:15 a.m. — School of Library Service lecture series; Richard A. Farley, director of McGill University libraries, "The Shaky World of the University Library Administrator". Killam Library Auditorium.

11:30 a.m. — Chemistry Department seminar: Organic Photochemistry, by Dr. Peter Yates, Chemistry Department, University of Toronto, Room 215, Chemistry Building.

4 p.m. — Friday at Four lecture series, Faculty of Medicine: Dr. Howard Barrows, professor of medicine (neurology) at McMaster University, will lecture on Is There a Scientific Basis of Medical Education? Lecture Theatre A, Tupper Building.

4 p.m. — Public lecture by Prof. P. J. E. Peebles, Princeton University, on Nature and Evolution of Irregularities in the Universe, Room 101, the Sir James Dunn Science Building.

8 p.m. — Lecture by Prof. P. J. E. Peebles on The Big Bang Cosmology, Lecture Theatre B, Sir Charles Tupper Medical Building.

8:30 p.m. — Basketball game — St. F. X. at Dal.

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

9 p.m. — Grawood Lounge. Entertainment by Smackwater. Admission \$1 with ID.