



# University News

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Dalhousie University

October 11, 1979

## Fall convocation

### Physical educators, librarian receive honorary degrees

Two prominent physical educators and a pioneer in the fight against illiteracy will receive honorary degrees at the university's fall convocation on Oct. 19.

They are:

**Mrs. Joyce Lilieth Robinson**, executive director of the JAMAL Foundation in Jamaica;

**Dr. Maurice Lewis Van Vliet**, for 30 years Dean of Physical Education at the University of Alberta and president of the Canada-hosted 1978 Commonwealth Games; and

**Dr. Hugh Angus Noble**, considered the father of physical education in the Atlantic region and former director of inspection services with the Nova Scotia Department of Education.

The convocation will begin at 2 p.m. in the new Physical Education, Recreation and Athletic Centre, at which time the centre will also be officially opened by Dr. Henry D. Hicks, president of Dalhousie.

#### Joyce Lilieth Robinson

Mrs. Robinson, educated at St. Simon's College, Jamaica and North-western Polytechnic, London, was a teacher before turning to library service in Jamaica.

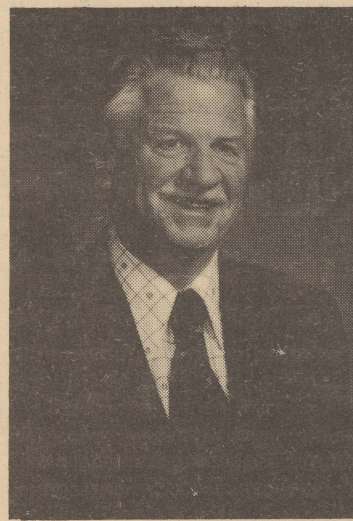
From 1957 to 1976 she was director of the Jamaica Library Service. After a



Joyce L. Robinson

two-year secondment as director of the National Literacy Program, Mrs. Robinson became executive director of the program's successor, the JAMAL Foundation. JAMAL is responsible for the eradication of illiteracy in Jamaica, and so far 190,000 adults there have been taught to read and write.

Mrs. Robinson was awarded the MBE in 1959 for her contribution to the development of library service in Jamaica. An honorary vice-president of the Library Association of the United Kingdom, she has been active

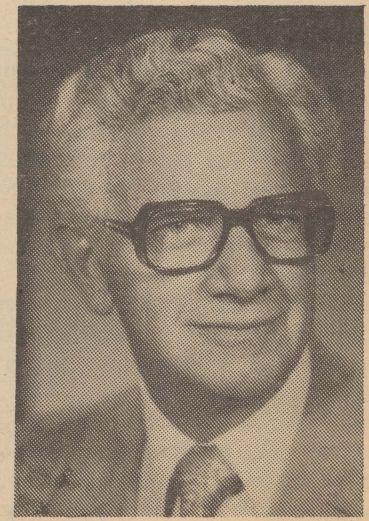


Dr. Maurice Van Vliet

in national and international library associations, the United Nations, UNESCO and many Jamaican organizations.

#### Dr. Maurice Van Vliet

Dr. Van Vliet, born in Bellingham,



Dr. Hugh A. Noble

Washington, was educated at the University of Oregon and the University of California at Los Angeles.

He was director of physical education at the University of British

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### Acadia awards Hicks honorary degree

Dr. Henry D. Hicks, president of Dalhousie, is one of three Canadians who will be honoured at Acadia University's fall convocation this Saturday, October 13.

The degree of Doctor of Letters, honoris causa, will be bestowed upon Dr. Hicks, who will also give the convocation address.

A native of Bridgetown, Dr. Hicks graduated from Mount Allison with an arts degree in 1936 and entered Dalhousie where he received a science degree the following year. He was named a Rhodes Scholar that year and travelled to Oxford University where he graduated BA (Jurisprudence) 1939, BCL (1940) and MA (1944). Following war service with the Royal Canadian Artillery, he commenced the practise of law in Bridgetown.

Dr. Hicks was elected to the Nova Scotia legislature in 1945. He was

appointed the first minister of education in 1949 and served as provincial secretary 1954-56, premier of Nova Scotia and chairman of the Nova Scotia Power Commission 1954-56, and opposition leader from 1956 through 1960.

After joining Dalhousie in 1960 as dean of the faculty of arts and science, he was, within one year, appointed vice-president. He became president and vice-chancellor in 1963, a post he continues to hold.

In 1972 Dr. Hicks was named to the Canadian Senate and the following year he was the Canadian delegate to the United Nations' 28th General Assembly.

Dr. Charles A. Ritchie, diplomat and author; and Rev. Dr. R. Fred Bullen, general secretary-treasurer of the Baptist Federation of Canada; will receive honorary degrees along with Dr. Hicks.

### DSA offered 12.3% over two years

The Dalhousie Staff Association is "encouraged by the university's apparent openness and flexibility in arriving at a mutually acceptable wage package," association president Margo Beveridge said last week.

"They have not come to the table with any preconceived ideas," she added.

Staff Relations director Allan Cameron, who is chairman of the university's bargaining team with the DSA, declined to comment on specifics of negotiations to date because, in line

with current university policy, he does not wish negotiations to be conducted in or through the media. But, he added, "I think the negotiations are going well."

Ms. Beveridge, whose association members were given a progress report on the negotiations at a meeting last week, emphasized that nothing had been decided, even though a term of contract (two-year) and percentage increases (7% for 1979-80, 5% for 1980-81) in wages had been proposed

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### Non-union posts under review

A review of administrative positions excluded from unions, and a classification-compensation plan for the staff in those jobs, is under way at Dalhousie.

When he announced the review in a letter to 140 administrative staff at the end of last month, Vice-President W. Andrew MacKay said the objective was to develop a broader understanding of administrative responsibilities throughout the university and a system that would ensure equity and provide appropriate guides for salary levels.

At the first of two briefings held on Tuesday last week, Vice-President

MacKay told the administrators: "For a long time it has been a matter of some concern that we have not had an effective program for dealing with administrative positions in the university."

"You occupy positions of real importance and we have not done a very effective job of looking after you."

The secretarial and technical group is taken care of with the Dalhousie Staff Association, and now the faculty — "a breed apart in many respects" — are negotiating their first collective

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## Notes from the Board of Governors — Sept. 28 meeting —

### Reduced fees for staff dependents:

The Board approved the extension of its tuition fee reduction program for children of full-time staff members, to cover former staff who are in receipt of Dalhousie pensions and those staff whose children are recipients of Dalhousie scholarships.

In February last year, the Board approved for a two-year trial period a tuition fee reduction of 50 per cent to children of full-time staff, subject to certain conditions. The reduction is available to students in the following programs: Arts and Science, all degrees; Administrative Studies, Bachelor of Commerce and Certificate of Public Administration; Health Professions, Bachelor of Nursing, Diploma in Public Health Nursing, Outpost Nursing, BSc in Pharmacy, Bachelor of Physical Education, Bachelor of Science in Health Education, Bachelor of Recreation, BSc in Physiotherapy, and Diploma in Dental Hygiene.

The Board referred the question of extending the reduction program to cover dependents of part-time faculty, to its Employee Benefits Committee for consideration.

### Appointment of a new President:

Dr. J. McD. Corston, a member of the selection committee who reported to the Board for the committee co-chairmen (Miss Zilpha Linkletter and Dr. H.B.S. Cooke), said that many briefs, comments and statements had been received by the committee. They had been studied carefully and had been of assistance to the committee.

A total of 91 applications or nominations had been received. Of the 60 nominations, about two-thirds of those named had indicated they did

not want to be considered and had therefore been removed from the list. Of the 31 who applied directly for the presidency, four had been selected for further consideration. The committee is now meeting representative groups in the university and, said Dr. Corston, "it is hoped that decisive interviews can be held by the end of November."

### Building:

#### Progress reports:

Mr. G.E.C. (Ted) Brown, chairman of the Board's building and grounds committee, told the Board that construction is progressing satisfactorily on the new Dentistry building. Plans for the connecting of houses occupied by the Institute of Public Affairs are being reviewed, and negotiations for Dalhousie occupancy of the former Nova Scotia College of Art and Design building, on the corner of LeMarchant Street and Coburg Road are continuing.

The university has not had any word from the provincial government about assistance for the renovation of the Forrest Building, nor in respect to a replacement of the ice rink.

### Staff relations:

Vice-President W. Andrew MacKay reported that negotiations were continuing with Dalhousie Faculty Association and Dalhousie Staff Association.

### Residence committee:

The Board approved open visiting hours at Shirreff Hall, the main women's residence, for all residents except first-year students. In the past, visitors were allowed in women's rooms only until 3 a.m. The Women's Division of the Dalhousie Alumni Association didn't like the idea and said so in a letter to the Board.

## University's international role discussed

"Universities have always been international—they've always spoken over borders. They are the cutting edge of our society." Mr. Lewis Perinbaum, vice-president, Special Programs Branch for the Canadian International Development Agency (CIDA), stressed the vital importance of universities in the stimulation of international co-operation in his lecture, given early last week, which launched Dalhousie's International Education Program for the year.

Mr. Perinbaum said that universities, in possessing the qualities of leadership and intellectual capacity, can encourage a relationship between learning and the community. Not only the immediate necessities like food and energy, but also science and technology need this type of interdependence, both within countries and

among countries, he said.

At present, he said, universities are especially useful in this role of inspiring an interchange of learning experiences.

Dalhousie has been very helpful in the past, Perinbaum pointed out, taking up imaginative projects with CIDA. Canada, as well as the developing countries, receives huge benefits from these interchanges, he said. One of the main strengths is that it brings Canada into contact with other countries. CIDA is responsible for Canada's presence in some 80 countries where it would otherwise be virtually unknown.

Mr. Perinbaum toured the university during his stay. He was especially interested in the Environment Development Centre, the African Studies Department and the Centre for Development Projects.

## DSA Con't from Page 1

by the university.

"This is just a first proposal. We are still at the stage of proposals and counter-proposals."

In her report to last week's DSA meeting, Blanche Potter, chairman of the association's contract review committee and a substitute member of the negotiating team, reported that the DSA was not ready to agree yet to the length of a contract, nor to the percentage increases offered.

Ms. Beveridge said that most of the articles for a new contract had been discussed, and some had been approved by both parties. The articles considered to date will be discussed at a special general meeting of DSA on Oct. 18 (location to be announced for the 12:30 p.m. meeting).

## Economics lecture next week

Professor Mark Perlman, managing editor of "The Journal of Economic Literature" and co-editor of a new series of books on contributions to economics, **Modern Cambridge Economics**, will be giving a talk at 4 p.m., Oct. 19 in the MacAloney Room in the Arts Centre.

The lecture, "A busy man's explanation of what has happened to productivity growth in Canada, the United States and other Western industrial countries," should be of interest to both students and faculty in the social sciences, with special appeal to economic historians.

Dr. Perlman is a professor of economics at the University of Pittsburgh.

## Dalplex hosts fall convocation

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Columbia from 1936 to 1945 and Dean of the Faculty of Physical Education at the University of Alberta from 1945 to 1975.

The recipient of many awards for his service to physical education, sport and recreation, Dr. Van Vliet was active in many provincial and national physical education, health and recreation organizations, and was chairman or president of most of them.

A former athlete—in baseball, football, basketball, track and field—Dr. Van Vliet was responsible, while Dean at Alberta, for Canada's first PhD program in physical education. He is also the author or co-author of three books and has written many professional articles.

For the 11th Commonwealth Games, held in Edmonton last year, Dr. Van Vliet was appointed president of the Games Foundation.

### Dr. Hugh Angus Noble

Hugh Noble was born in Sydney and received his early education in Sydney and at Rothesay Collegiate School in New Brunswick. He was graduated from Springfield College (1938) where he was active in gymnastics and track and field. He was captain of the internationally known Springfield College gymnastic team.

Meanwhile, step increments for the current year will be implemented and those members expecting step increases should receive them this month.

DSA represents almost 700 clerical and technical employees.

## Unique diving course offered

The Office of Part Time Studies and Extension will offer a scientific diving course with sports diving experience. It is the only one of its kind in Canada.

The two-year course is designed to provide persons with the necessary skills and knowledge of navigation, physics, medical aspects of diving and operation planning so they can safely and efficiently use diving as a tool in underwater scientific investigation.

The course will be carried out in co-operation with staff from the department of biology which has had experience in scientific diving for nearly a decade.

Some of the theoretical components of the course will touch on the history and physics of diving, equipment, small boat safety, seamanship, underwater physiology, diving procedures, pilotage, and underwater photography.

These will be combined with practical aspects of scientific diving. Among the subject areas included are emergency and rescue procedures, underwater work techniques, care and maintenance of diving equipment and underwater communications.

For further information call the Office of Part Time Studies at 424-2375.

For three years he was director of physical education for YMCA Westmount, Quebec, before being employed by the Westmount Board of School Commissioners for a similar length of time. While in Montreal, he was active in church and community affairs.

In 1944 Mr. Noble returned to Nova Scotia as the first supervisor of physical education for the Province. During the past three years he has been considered the father of modern physical education in the Atlantic area and is considered a pioneer among colleagues both nationally and internationally.

Always active in community affairs, Mr. Noble presided over the Canadian Commission to the first World Conference on Youth sponsored by UNESCO, in Grenoble, France.

He has served as an executive member of many national, regional and provincial professional associations and was the first Nova Scotian to receive, in 1963, the honor award from the Canadian Association for Health, Physical Education and Recreation. He has since chaired the committee which selects those to receive this honor award.

## Ten years gone, library school looks to the future

by Cathy Kerr

"Traditional forms of library education are in a bind. We must learn to harness the machine, like it or not." This comment, from vice-president Louis Vagianos' lecture opening the tenth year party for the School of Library Science, reflected the tone which predominated throughout the entire event: a changing future.

"We must train a new breed of librarian," said Dr. Vagianos, professor and founding director of the School, in his talk "The Future of Library Education." Mary Dykstra, assistant professor from Dalhousie, was likewise presageful of the inevitable changes soon to confront library schools in her seminar, "The Future Structure of Subject Analysis."

The two-day celebration was a huge success, attracting alumni—over 100 attending each function—and faculty from as near as Dalhousie and as far away as Calgary. Many who could not attend sent "birthday cards" instead, and a former student, now living in Hong Kong, donated a display of his early Chinese wood-cut printing.

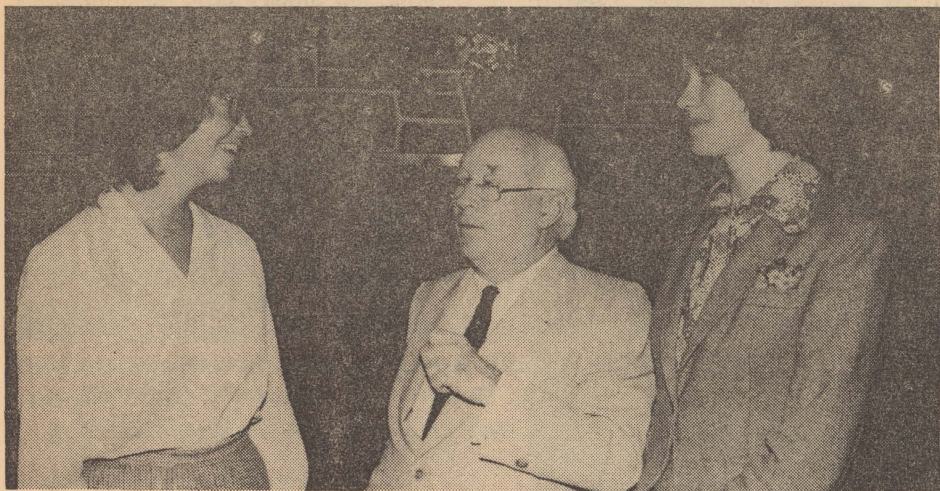
The dinner / dance at the Waegwoltic Club was described by Donna

Richardson, chairman of the Alumni Reunion Committee, as "a booming success."

The director of the Canadian Book Information Centre (CBIC): Angela Rebeiro, was pleased with the attendance at her seminar on "Future Plans and Directions," which attracted both publishers and interested public to discuss the marketing of books in Canada. Over 150 attended the CBIC: Atlantic's open house.

The principal message conveyed through the activities and seminars was the need to be versatile. There is modern technology, and there is past experience, but, as Dr. Vagianos pointed out, one does not suffice without the other. An interchange—what he referred to as "a successful marriage"—is necessary. With the advance of computers and the decline in reading, the role of libraries will have to be redefined, and library education restructured.

"There is a tremendous need and market out there to be serviced," said Dr. Vagianos. "We must seek the challenges, not dwell on the pressures. We must seize the opportunities."



Donna Richardson (left), chairman of the Alumni Reunion Committee, and Joan Fage, president of the School of Library Science Alumni Association, share a joke with Dr. Henry Hicks at the reception-banquet-dance held at the Waegwoltic Club Saturday evening.

## Administrative staff evaluated

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agreement with the university.

"Academics and senior academic administrators come and go, but you continue in your positions, so it seems important to us to review administrative positions, from which we will prepare a classification and compensation system. This, we hope, will provide us with a sense of the skills on your part and thus enhance the possibility of administrative careers within the university."

The vice-president introduced Mr. William Tenhaaf, who has been retained by the university to carry out the review and report back with recommendations by the middle of November. Mr. Tenhaaf, for many years in the Armed Forces, spent the

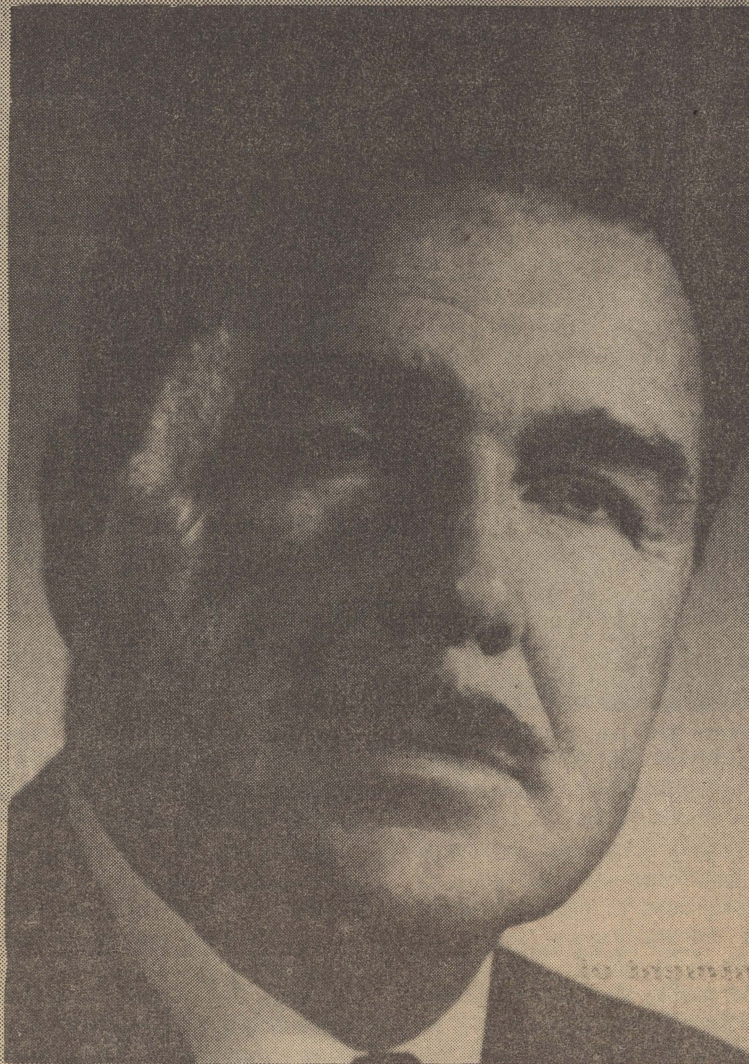
10 years before his retirement working for the federal government as a senior compensation officer with the Treasury Board of Canada.

Mr. Tenhaaf said the review is a question of objectives and timing. The first phase is the classification of positions from their descriptions on the questionnaire completed by the administrative staff involved. This will be completed by Oct. 22.

Evaluation begins on Oct. 29, and the results will depend on the evaluators and on the incumbents, insofar as the quality of their job descriptions is concerned.

An appeals procedure will be built into the classification-compensation plan.

## Charles E. MacCulloch In Memoriam



Charles E. MacCulloch, a long-serving member of the Board of Governors of Dalhousie and chairman of the board's investment committee, died last week.

Mr. MacCulloch, 68, was on a four-week South Pacific holiday cruise with his wife when he suffered a heart attack.

A self-made business man, Mr. MacCulloch began work as a rock crusher. Later he was an apprentice carpenter, and he took architecture courses at night to earn a degree from the Nova Scotia Technical College. He was later awarded an honorary degree (LL.D) from St. Francis Xavier University.

Mr. MacCulloch started MacCulloch and Co. Ltd. in his home in 1937, with \$5,000 capital. The company grew to become the largest shipper of lumber in the Maritimes in 1946. In 1952 he

expanded from the lumber business to concentrate on building supplies and real estate.

He was one of ten businessmen who made up Halifax Developments Limited, formed to redevelop a central area of the city into a complex of modern commercial and residential buildings. The result was the construction of the \$60 million Scotia Square complex.

He was a director of the Bank of Nova Scotia, Halicon Limited and Maritime Life Assurance Company Ltd. He was also chairman of Metrovision Limited, a member of the advisory board of Canada Permanent Trust Company, a governor of Dalhousie University and a board member of Mount Saint Vincent University and the Atlantic Symphony Society, the Canadian National Institute for the Blind, and the YMCA.

## The United Way campaign is underway

The annual campaign for the United Way has started in the Metro area. Dalhousie, along with the other universities in the city, will be part of this campaign. The campaign chairman for this year is G.R. George, Director of Insurance and Employee Benefits. Information will be issued shortly regarding the method for contributions.

Please note that this campaign for support through the university will be the only request you will encounter. There will be no door-to-door campaign this year. The campaign chairman urges you to remember the United Way and the agencies it supports on your behalf throughout the twin city area.

## British rep talks on Canadian studies in the motherland

"I'm like the commercial traveller selling other people's ideas," says **Michael Hellyer**, who visited Dalhousie recently.

He is information and academic relations officer in the division of public affairs, Canadian High Commissioner's Office in London.

While at Dalhousie Hellyer had an opportunity to become familiar with the Canadian university scene in this region and to explain to Canadians what External Affairs is attempting to do in the Canadian studies field in Britain.

The program has taken a number of directions. The University of Edinburgh has a Centre for Canadian Studies. Leeds has also been designated as a regional Canadian Studies centre.

Other institutions, he says, have significant Canadian components in their programs. The University of Birmingham, for example, offers classes in French Canadian literature, political science and geography.

Hellyer says that while there is a fair amount of activity, it's a patchwork arrangement. "The goal of our office is to build a complete picture of what is taking place in the hope that we can encourage further development of Canadian studies in Britain."

"Fortunately what I was able to do while at Dalhousie, was to take away suggestions on how the Canadian experience can be incorporated into the British courses in the social sciences and humanities."

## Cameron's hobby could become big business

by Roselle Green

Bee keeping can be a hobby as well as a business and Dalhousie chemist **Stan Cameron** is helping a small group of valley farmers to get involved in doing a little of both.

He's heading up a small provincial research task force with two goals in mind—using bees to pollinate apple trees by introducing a series of manipulative techniques and at the same time raising the yield of honey production in the province.

The project is in its initial stage, but Dr. Cameron reports that there was a normal or better pollination rate last spring and there's every indication that the apple yield was up this fall.

Getting to know the behaviour pattern of bees is the first step, according to Cameron, who's been interested in them since he was 10 years old.

"Bees are an organized society, and it's a challenge to try and co-operate with them. If you want results you must be in tune with their pattern."

"They are extremely efficient. They send out scouts to see which plants in the orchard have the most filler. By mid-day they have reported in. On

damp days bees are more inclined to head for the apple trees, where the nectar is heavy and the scent strong; but on dry days they are more likely to take to the dandelions."

By the use of a carefully designed technique the task force has been able to show farmers how to determine where the bees are pollinating. Bees with pollen pellets on their legs are collected. The colour is noted and the pollen is identified by electron microscope photographs. The colours correspond to pollen pellets from different plants. If the bees, for example, have dandelion pellets on their legs, the farmer will be able to match this on the colour chart and take necessary action to correct the situation, namely cutting or spraying the weed so the bees will be diverted to the apple trees.

The study has a number of spinoffs. Dr. Cameron has been testing a modified form of antibiotic for specific use in Nova Scotia. He's also attempting to keep the bees over the winter because the cost of buying a new package of bees each spring is rising sharply.

## Law studies marijuana, PCP

by Roselle Green

Chlorinated diphenyl ethers, Delta THC and phencyclidine are chemicals completely foreign to most of us, but in Professor Francis Law's universe, they form the basis for his research. He probes the behavior of these chemicals when they interact with various biological systems.

A faculty member in the College of Pharmacy, Prof. Law's research interests fall into three related areas—pharmacokinetics, drug metabolism and environmental toxicology.

He is currently collaborating with Dr. R.F. Addison from the Bedford Institute of Oceanography on an experiment studying the rate at which trout take up scientific environmental pollutants and the pollutants' toxic effects on the fish.

The pollutant in question is chlorinated diphenyl ethers, a commonly used industrial chemical and one that will be used more frequently in the future.

In a second study he is examining Delta THC, an active component of

marijuana, to determine how the drug is taken up by the lung.

He is also attempting to establish how the kidney removes prostaglandins (a hormone-like substance found in all parts of the body) from the bloodstream. Dr. Law is the only one doing research of this nature in Canada.

In yet another study he is looking at the metabolism and toxic effects of a foreign compound when it enters the animal body. The substance here is phencyclidine (referred to as PCP or angel dust, a street drug that can be smoked like marijuana).

Professor Law averages about \$60,000 a year in funding for his research. In addition to a negotiated contract for one project, his grants come from the Medical Research Council of Canada and Environment Canada. These monies help support his research team which consists of one PhD candidate, three master's students and three technicians.



**Francis Law (extreme right) heads up his research studies with the assistance of Loretta Duguay, Bruce Merritt, Y.C. Chui, Janet Covill, Therese Farquharson, Chris Graham, and Bruce Cameron.**

## Arterial by-pass now a safe operation — Marble

Patients who have had an arterial by-pass because they suffered circulation failure in a leg can be reassured of the success of the operation with more certainty these days than in the past.

Recent research conducted in the Faculty of Medicine proves a cardiovascular surgeon can "tap" the blood supply from a person's good leg and install a cross-over graft to a poorly supplied leg without jeopardizing the good leg.

A report on the cardio-vascular research done by the Halifax team of **Dr. A.E. Marble**, medical engineer, and surgeons **Dr. C.E. Kinley** and **Dr. R. Landymore**, was presented by Dr. Marble at the 12th International Conference on Medical and Biological Engineering, held in Jerusalem, Israel.

Dr. Marble says a controversy has

existed for some years about the effect of cross-over grafting from one iliac artery to another, but a series of experiments carried out in the Faculty of Medicine shows there is no adverse effect on the good leg.

The first femoral cross-over graft operation (which is abdominal surgery) was described in 1960; since then it has been widely adopted as a means of restoring adequate circulation to a leg threatened by a blocked or partially blocked iliac artery.

When arterial stenosis occurs and affects a leg, the blockage usually occurs in the iliac section, just below the point where the main blood vessel, the aorta, divides into two arteries to serve the left and right hips and legs.



**Stan Cameron displays a honeycomb for interested onlookers.**

## Song and dance to fill Cohn this weekend

The Rebecca Cohn Auditorium, Arts Centre, will house two more outstanding performances this weekend when the **King's Singers** and **Les Grands Ballets Canadiens** come to town.

### The King's Singers

The King's Singers, hailed as "unique in musical entertainment," will perform a variety of vocal works ranging from Tudor love songs to contemporary pop material, today (Thursday) at 8:30 p.m.

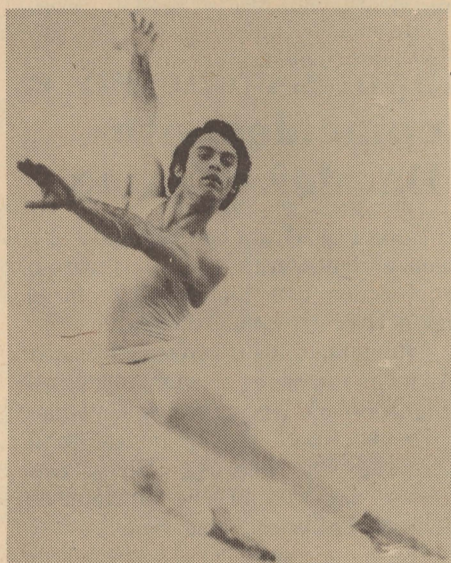
The group will be performing six Tudor songs, five Italian Madrigals of the 16th century, "Time Piece" by Tim Rose Rice with music by Paul Patterson, a Victorian collection comprised of songs, madrigals and glees from the period and a medley of songs of a lighter nature such as folk tunes, spirituals, contemporary pop songs and favorite standards.

### Les Grands Ballets Canadiens

Les Grands Ballets Canadiens, considered to hold a unique position in the national dance scene by critics across the country, will fill the Cohn with the magic of ballet and the soul of

dance at two performances, Friday and Saturday, Oct. 12 and 13 at 8:30 p.m.

The Friday evening performance will include *Allegro Brillante*, conceived for two principals and an ensemble of eight dancers by George Ballanchine; *Aureole*, choreographed by Paul Taylor and set to the music of



**Maurice Lemay of Les Grands Ballets Canadiens in Paul Taylor's *Aureole*.**

Handel; *Double Quator*, Brian Macdonald's inspiration of choreography; and *L'Oiseau de Feu*, now in a completely new form thanks to the imagination of Maurice Bejart.

Saturday's repertoire includes *Quatre Temperaments*, one of Balanchine's best-loved works; *Les Noces*, choreographed by Lar Lubovitch to

the music of Igor Stravinsky; and *Tam Ti Delam* by Brian Macdonald, based on the music, poetry, wide open spaces, ancestors and children of Gilles Vignault's Quebec.

Tickets to all three performances are available at the Arts Centre Box Office. For further information, please phone 424-2298.



**The King's Singers, named after King's College where they were organized, include (from left to right) Anthony Holt, Bill Ives, Simon Carrington, Brian Kay, Nigel Perrin and Alastair Hume.**

### Computerizes libraries

## Ready led the revolution

by Roselle Green

Librarianship has experienced a revolution in the past 10 years, and **William Ready**, university librarian emeritus at McMaster University, admits that while he may have been instrumental in getting a computerized system off the ground in the field of bibliography, he still hasn't personally mastered the art of using microfilm.

Ready, a librarian-in-residence at Dalhousie for two weeks, confessed that he was schooled in the old tradition and can't change. "The book rather than the print-out is still important to me."

However, in his role as a professional librarian, he realized early the many applications the new technology could have. With electronic means of communication, he said, we've been able to transform and amass a data bank numbering millions of titles from which we can draw and assemble information.

Since 1973, McMaster and the University of Toronto libraries have no longer catalogued the books they receive. They are all contained on microfiche. This has also meant that instead of one catalogue per library, there is a catalogue on each floor of the library.

Asked about student reaction to the new format, Will Ready said that they are discovering bibliography for the first time.

There has been another advantage. Bibliography in this form has made it possible to develop a union catalogue



of holdings in 17 Ontario universities and colleges. Quebec, Manitoba, Memorial, universities in British Columbia and large public and government libraries have also joined in the cataloguing arrangement, which was originally funded by the Ontario government as a pilot project. Now the National Library of Canada has begun to build an electronic national union catalogue.

The activity in this field has been very exciting for Ready who was brought up in the traditional library environment. The skills are being carried out now by a new generation of trained librarians, he admits. "I was merely a leader."

## Chapman finds kelp under five foot ice cover

The growth pattern of subtidal kelp, which contributes to the marine food chain, has been studied along the shores of Nova Scotia, off the coast of South Africa, and, more recently, in the high Arctic, by Dalhousie biologist **Tony Chapman**.

He's just completed a five-part junket to Igloolik, located 70°N, where there is a polar night for two months of the year and continuous ice cover for 10 months. And yet, under these conditions he's been able to establish that seaweeds not only flourish in cold water but that dense kelp forests exist.

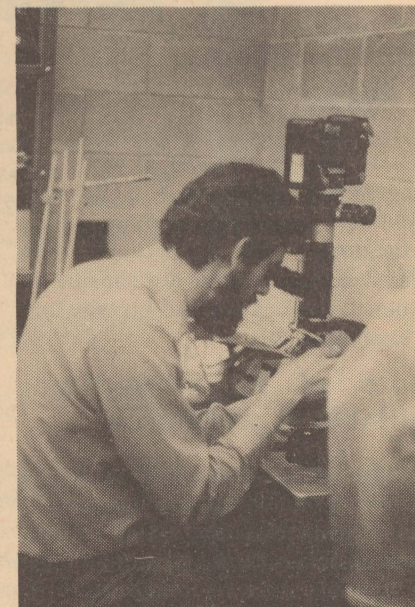
Working in the north has meant battling the elements. It's taken a combination of engineering skills and hard work to get what he came after. For instance, it took two people a whole day with chain saws to cut through a sheet of ice five feet thick before a diver would go after the kelp.

Armed with samples, Chapman has been monitoring their growth pattern and making comparisons with seaweed growth in different environments. Their growth response appears to be very much like the pattern in Nova Scotia waters except that the rate of growth is slower. Kelp in the high Arctic begins to grow in February using carbohydrate reserves built up in the previous summer.

In his lab Chapman is conducting a number of experiments, such as water analysis to determine possible nutrient deficiencies, measuring the reserve of carbohydrates and nitrogen, and

growing seaweed in a controlled environment.

Since the plants form the base food production for fish, it's important to look at their productivity. The question has taken on greater significance because of increased activity in oil exploration in northern waters. He's been able to establish that his seaweed is a slow growing species, and that if oil spills were to occur, their recovery rate would be very slow.



**Chapman gives kelp a critical look.**

Green photo

## Two more coaches added

## Tigers' den keeps expanding

Two more new coaches have been added to the Tigers' rosters.

**Allan Scott**

Allan Scott has been named the new men's volleyball coach. He has also been appointed lecturer in the School of Physical Education and Recreation.

Scott received his Bachelor of Physical Education at the University of Calgary and his MSc in Physical Education at the University of Oregon. He has taught in high schools in British Columbia since 1969 and has coached high school and university volleyball since 1973.

Scott was assistant coach of the national junior volleyball team in 1975 and has been coaching B.C.'s provincial men's team since 1973. His provincial teams won the gold medal at the Canada Games of 1975 in Lethbridge and 1979 in Brandon.

Scott will also be involved in various programs at the Dalplex.

**Bogdan Dudziak**

Bogdan Dudziak has joined Dalhousie as women's gymnastics coach and lecturer in the activity program.

Dudziak, who came to Canada from Poland in 1975, competed internationally for his native country in the 1960's and assisted in the preparation of the Polish Olympic team in 1972.

When he arrived in Truro in 1975, gymnastics was almost non-existent but through his urging, promotion and enthusiasm, the Truro Spartans have developed their own gymnastics center. They have also developed two girls who are now nationally regarded—Sonya Crowell and Susan Hines.

Dudziak's responsibilities at Dalhousie will be centered on coaching the women's varsity team. He will also assist with the sport and activity school program in gymnastics, working with toddlers and anyone else interested in the sport. Dudziak will

lecture in the School of Physical Education as well as run clinics for coaches so that more gymnasts throughout the province can be developed by the graduates of Dalhousie's School of Physical Education. He will also work to promote gymnastics in the Metro area.

## Sports conference coincides with Dalplex opening

Sport For All will be the theme of a weekend conference to be held in conjunction with the Oct. 19 official opening of the new Dalplex.

The conference is organized by the Atlantic Provinces Health, Physical Education and Recreation Association.

Dr. A. Roadberg, Dalhousie; and Drs. M.J. Ellis and A.J. Coles, two former directors of the university's School of Physical Education.

The participants will receive a tour of the new facility in addition to viewing a display of recreation and sporting activities available at Dalplex.

## Athletic Schedule

**Soccer**

Sat. Oct. 13 - Dal at St. F.X. - 2 p.m.  
Wed. Oct. 17 - Dal at Acadia - 4 p.m.

**Cross Country**

Sat. Oct. 13 - Dal at U.N.B.

**Hockey**

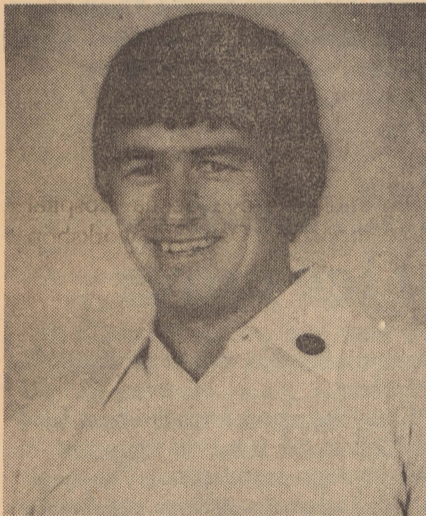
Sat. Oct. 13 - Dal vs Alumni - 2 p.m.  
Tuesday, Oct. 16 - Exhibition (Scotia) - 7 p.m.

**Women's Basketball**

Mon. Oct. 15 - Exhibition game with Midtown.

**Field Hockey**

Friday, Oct. 12 - N.S. Seniors at Dal - 4 p.m.  
Wed. Oct. 17 - Dal at Acadia - 4 p.m.



Allan Scott



Bogdan Dudziak

## Athletes of The Week

**Ed Kinley**, soccer, played a pair of outstanding games defensively during the weekend as Dal lost to UNB 2-0 and defeated Moncton 5-1. Ed also contributed in setting up many plays. A freshman science student from Halifax, Kinley started the season on the bench but has worked his way into the starting lineup.

Photo of Ed Kinley not available at press time.

**Carrie Wheadon**, field hockey, a second year physical education student from Timberlea, N.S., Carrie contributed strongly to a pair of road wins against SMU (2-1) and St. F.X. (3-1) as the Tigers increased their season record to a league leading 7-0. Wheadon was outstanding defensively in both games while setting up numerous plays from her fullback position.



Carrie Wheadon

## Sport

by Joel Jacobson

## Tigers still undefeated in field hockey

The field hockey Tigers took an undefeated record into yesterday's game at Studley against St. Mary's Belles after a most successful week.

The Tigers defeated St. Mary's last Tuesday (2nd) in a 2-1 overtime thriller on the Halifax Commons as they battled from a 1-0 half time deficit to tie the score on **Lori Ann Moore's** goal midway through the second half. Early in overtime, **Pam Taylor** cracked home the winner and Dal had moved to a 6-0 league record.

The next day, Taylor tallied twice as Dal defeated St. F.X. 3-1 in Antigonish. **Erin O'Brien** also scored for Dal.

The Tigers have four league games left—against Acadia in Wolfville on Oct. 17 and at home to St. F.X. on Oct. 23, as well as two at Memorial Oct. 20 & 21.

With a win over UNB 10 days ago, the Tigers have a stranglehold on first place overall and the right to host the playoffs at the end of October.

## Soccer Tigers split

When **Tony Richards** arrived home Saturday night after his soccer Tigers were trounced 2-0 by UNB, he was physically and emotionally ill. He saw his club give a flat first half performance that cost them a 2-0 lead; he ranted and raved in the dressing room at half time such that "the air was blue"; he saw his Tigers play a

stronger second half "a half like they should have played in the first"; yet the 2-0 deficit was too much to make up against a very strong UNB squad.

Richards was in much better shape physically and mentally Sunday night, however, because "the guys went out to enjoy themselves; they were relaxed and it showed." The final result Sunday was a 5-1 win over University of Moncton and a split of the weekend homestand against New Brunswick opposition.

The split meant that Dalhousie has split their first six games also and stand alone in third place in the Eastern Division of the AUAA Soccer Conference behind Saint Mary's and St. F.X. A game of major importance will be played against the X-men this Saturday in Antigonish followed by a road game against Acadia (17th) and home games against the Huskies (21st) and X-men (25th) to close the season. Wins against St. F.X. are imperative for Dalhousie to make the playoffs.

Goaler **Ron Cox** was betrayed by his defense on both UNB goals Saturday as the ball was placed on a UNB foot for the first goal and the second was headed into the net by a Dal defender.

Sunday, **Dave Riddell** scored his second hat trick of the season and **Harry Fowler** scored twice as Dalhousie opened a 4-0 half time lead and coasted through the second 45 minutes.

## Varsity Tigers 2 Alumni Tigers 5

by Derek Mann

The score in this annual exhibition game will appear in the record books as 1-1, but 5-2 in favor of the oldtimers is what it should have been.

The real Tigers were the old Tigers. From kick-off to the final whistle, the alumni gave the youngsters a sound soccer lesson in steadiness, skill and control.

"There's a lot of heavy breathing out there," one veteran panted as a substitute took his place, referring to his alumni team mates. From the spectator's vantage point, though, it was the young Tigers who made hard work of the game.

It's a pity many of the former Tigers aren't eligible for AUAA league play. If they were, coach Tony Richards could do no worse than swap his struggling, not-too-cohesive team en bloc for the experienced alumni. At least they wouldn't give a game away, as did their youthful counterparts the Sunday before to an overly rough Saint Mary's team.

Even though the exhibition was played at three-quarter-speed or less and the Varsity Tigers were hard hit by injuries to some key players—the result of bruising, battering, and blatant fouls in the SMU game—the alumni produced some excellent play. Under the generalship of phys ed teacher (and the only "ringer"—ringer because he

was the only non-alumnus on the team) John Pooley, the alumni came up with flashes of the sort of brilliance you can see every week on the Soccer Made In Germany program on MPBN-TV.

Pooley marshalled his field so well that the alumni could have come away with a hatful of goals—at least five and possibly more—so well did they catch the young Tigers with their defences down. But the finishing touches on both sides left a lot to be desired and, while the young Tigers will reach the league playoffs yet again this year, they'll have to settle down much more in the next few games.

Enthusiasm is all very well, but let's eradicate the impulsiveness, the kick-and-rush. Let's keep the ball on the ground and take a fraction of a second more before passing.

Despite the outcome, the exhibition game was entertaining and should have given the young Tigers valuable experience.

A final note: England's international star Kevin Keegan, who has been playing for Hamburg in the German league, has set his own transfer fee: A mere 400,000 pounds. Perhaps Tony Richards could persuade him to enrol in phys ed? Failing that, three or four John Pooleys would do the trick for the Tigers!

**Saturday: Dalhousie 0 - UNB 2**

**Sunday: Dalhousie 5 - Moncton 1**

Defensive lapses can be overcome and need not be costly—but only if the perpetrators possess punch and cohesion, which the Tigers did not on Saturday.

Looking every bit as ragged as they did when they drew 1-1 with the ex-Tigers last week, the Dalhousie team handed two points on a plate to the more powerful Bombers of UNB, with terrible blunders of defence.

But it was a changed team who went for a Sunday stroll against Moncton—at least in the first half when real soccer took over and the Tigers got

four unanswered goals. There was a let down in the second half but the Tigers came away with a convincing 5-1 win.

Dave Riddell's Sunday hat-trick and two clever free-kick goals indicate that the Tigers know what it's all about; it's just that they need to do more of that more often.

Yet—and doubtless coach Tony Richards tells them before and after every game—they must strive to think more when they're on the pitch, if they hope to reach the playoffs.

## Sports Briefs

### Women's basketball clinics

Dalhousie Tigers Women's Varsity Basketball team will be conducting two clinics in Glace Bay at St. Michael's High School Saturday Oct. 13.

The first clinic, from 9 a.m. until noon, will be for girls ages 10 to 14, while the second clinic, from 2 p.m. until 5 p.m., will be for players 15 years of age to 18 years.

Carolyn Savoy, head coach of the Tigers and also assistant national junior team coach, will have a fully Tiger team with her including second team All-Canadian Carol Rosenthal and all-AUAA Anne Lindsay. Also travelling with the team will be first year Tiger Elaine Walker of Glace Bay who was Most Valuable Player at the Nova Scotia High School Championships last spring. Walker played

with St. Mike's, who were runners-up in the provincial title hunt.

For further information, please contact Peter Campbell, basketball coach, St. Mike's High, Glace Bay.

### Swimming instructors sought

Centennial Pool is looking for qualified swimming instructors, to start as soon as possible, to teach children ages 8-11 at the following times:

Mon. and Wed. 9:30 a.m. - 4:30 p.m.

Thurs. 9:30 a.m. - 12:30 p.m.

Fri. 9:30 a.m. - 3:30 p.m.

Any interested persons should call Mauréen Newman, pool manager, at 426-6587.

## Good leg won't suffer, Marble says

Con't from Page 4

The phenomenon of blockage, or stenosis, at that point is probably predisposed by "flow separation" regions. Damage to the lining of the iliac artery is caused by flow induced stress, just below the bifurcation of the aorta. Blood elements adhere to the damaged wall and an obstruction to flow is created.

If only one leg is adversely affected, a cardio-vascular surgeon can graft one end of an artificial blood vessel to the healthy artery, and attach the other end below the obstruction in the damaged artery supplying blood to the other leg. The circulation is thus restored and the limb saved.

The operation is now done frequently and some hundreds of Nova Scotia patients with poor blood circulation to the legs have benefited from the surgery. But some argument among physicians has continued as to whether or not the good leg will become short of an ample blood supply because of the "tap."

"The answer we can give is no," said Dr. Marble.

Experimental surgery was carried out on 18 animals, simulating the surgery done for humans. The blood flow in both iliac arteries was measured before and after surgery with delicate instruments devised by Dr. Marble.

"The operation is being done to people, but you cannot make these measurements on people, so we simulated the operation on animals.

"It's very difficult to do research on people. You are always working against the clock... We found there is no significant 'steal' from the good leg,

and we did a large sample to show that this is statistically correct.

"This is the first study which conclusively proves that a 'steal' does not take place."

Dr. Marble describes himself as a hybrid person—a professor of electrical engineering at Nova Scotia Technical College and an assistant professor in the department of surgery, even though he is not a surgeon.

He works in conjunction with surgeons, applying his electronic and engineering skills to the solution of some of their problems.

## Nursing School offers workshops

The School of Nursing will sponsor a series of three workshops as part of its continuing education program for members of the professions.

Caring for Children: A Nursing Update will be the subject of an Oct. 15-16 course to be held in co-operation with the IWK Hospital for Children.

On Nov. 1-2, a short course in occupational health nursing has been scheduled.

The Nova Scotia Department of Health and the Nova Scotia Hospital will co-sponsor a Dec. 3-4 workshop on crisis intervention.

The first two courses will be given at the Holiday Inn and the concluding one in the MacMechan Auditorium.

For further information call continuing education at the School of Nursing, 424-2535.

## Marc Lalonde to speak at Law Hour

The Honourable Marc Lalonde will be the featured speaker at the Law Hour on Thursday, Oct. 18 at 11:30 a.m. in room 115 of the law school.

Throughout the years Mr. Lalonde has enjoyed a distinguished and varied career in the academic and political fields. In 1967 he became chief policy advisor to Prime Minister Pearson, and was later appointed principal secretary to Prime Minister Trudeau in 1968; earning him the distinction of being one of the most influential voices in Ottawa.

Mr. Lalonde was elected to the House of Commons for the first time in the general election of 1972 and was

promptly sworn into the Cabinet as Minister of National Health and Welfare. Thereafter, he served as Minister of State for Federal-Provincial Relations and the Status of Women. He was serving as Minister of Justice when the Liberal party was defeated in the May 22 election.

Mr. Lalonde, who retained his Montreal-Outremont seat by a comfortable majority, has been active of late in the federal Liberal party's response to the Quebec government's referendum on independence. All those interested in hearing Mr. Lalonde speak are invited to attend.

## "Score yourself," says workshop leader

Icebreaker in the Senate-sponsored Teaching and Learning workshops was Dr. Lynn Curry from the Faculty of Medicine's continuing education division.

She told more than 50 faculty members that self-assessment is the key to becoming confident and comfortable in the teaching setting.

Using a series of exercises, she

demonstrated some of the ways professors can plan their immediate and long term learning activities to develop their proficiency as evaluators and as teachers.

For those who missed the earlier sessions, the workshops continue each Wednesday at 7:30 p.m. in the student lounge of the Arts Centre.

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Final deadline for inclusion of items in the paper is noon the Friday preceding Thursday publication.

The staff includes: Derek Mann, Editor-in-Chief; Gina Wilkins, Editor; with the assistance

of Cathy Kerr, Roselle Green, Pam McWhinnie, Doreen St. Onge, Marge Veitch, and Barbara Hinds.

Inquires and contributions should be sent to The Editor, University News, Information Office, Killam Library, Dalhousie University, Halifax, N.S. B3H 4H8. Tel: 902-424-2517. Registered as third class mail: permit number, Dartmouth, N.S. 59.

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### Calendar

#### Thursday, Oct. 11

**AMC seminar.** "Meetings, Bloody Meetings," Seminar leader, Roy Eshelby.

**Art Films.** 12 noon, MacAloney Room (406), Arts Centre. Photography series. "Dorothea Lange: The Closer for Me," and "Dorothea Lange: Under the Trees."

**African Studies lunchtime seminar.** 12:30 noon, 1444 Seymour St., Cyril Daddieh, Poli. Sci. "Ghana's Recent Elections and Policy Implications."

**Cultural Activities.** 8:30 p.m. Rebecca Cohn Aud., Arts Centre. King's Singers.

#### Friday, Oct. 12

**German films.** 8 p.m., MacMechan Aud., Killam Library. "Berlinger." Admission free.

**Chemistry seminar.** 1:30 p.m., Rm. 215, Chem. Bldg. Dr. Z. Valenta, UNB "Total Synthesis of Steroids"

**CME.** Co-ordinators' Workshop for Community Hospital Co-ordinators.

**CME.** Conference on Liaison Psychiatry. (continues tomorrow).

**Friday-at-Four.** Theatre A, Tupper. Scientific Basis of Medicine series. Dr. Thomas P. Hackett, Massachusetts General Hosp. "The Experience of Having a Heart Attack: Psychological Responses from the onset of Symptoms through Convalescence."

**Issues on Science - The Public Wants to Know lecture series.** 12 noon. Halifax City Regional Library. Dr. P. Wangersky, "Nuclear Waste Disposal in the Sea."

**Conference at King's.** 9 a.m. "The Atlantic Entrepreneur in the 1980s."

**Cultural Activities.** 8:30 p.m., Rebecca Cohn Aud, Arts Centre. "Les Grands Ballets Canadiens" (also tomorrow).

#### Saturday, Oct. 13

**CME Sport Medicine Symposium.** Theatre A, Tupper Bldg. (continues tomorrow).

#### Sunday, Oct. 14

**Dalhousie Film Theatre.** 8 p.m., Rebecca Cohn Aud., Arts Centre. "Assault on Precinct 13."

#### Monday, Oct. 15

**Nursing seminar.** "Caring for Children: A Nursing Update." Holiday Inn. (continues tomorrow).

**Dalhousie-King's Reading Club.** 8 p.m., Hostess: Mrs. Judy MacLean. Speaker: Dr. Roseann Runte. "The Ideal of Beauty, the Ordeal of Fashion, and the Health of the 18th Century Woman."

#### Tuesday, Oct. 16

**Geology seminar.** 11:30 a.m., Rm. 101, Dunn Bldg. "Climate change: patterns, causes and mechanisms."

#### Wednesday, Oct. 17

**Teaching & Learning workshop.** 7:30 p.m. Student Lounge, Arts Centre. "Methods for Evaluating Student Performance," Dr. Wm. Hunter, MSVU.

**Cultural Activities.** 8:30 p.m. Rebecca Cohn Aud., Arts Centre. "Oh! Sir James!" (British comedy).

**Biological-Oceanography seminar.** 4 p.m. D lab, Ocean. wing, LSC. Dian Gifford. "Population biology of marine Cladocera."

**SUB Movie.** 7:30 p.m. McInnes Rm. "In Praise of Older Women."

**AMC seminar.** "Handling Grievances and Labour/Management Conflict." Resource leader, J.J. (Joe) Revell. (continues tomorrow).

**Physics seminar.** "The Threshold Award: Some personal lessons," Dr. Ravi Ravindra, departments of religion and physics, Dalhousie. 4 p.m., Rm. 245, Dunn Bldg. (refreshments will be served after the talk).

#### Thursday, Oct. 18

**Pharmacology lecture.** Rm. 6J1, Tupper Bldg. Dr. Erminio Costa, Nat'l Inst. of Mental Health, St. Elizabeth's Hospital, Wash., D.C. "The GABA connection in the central action of 1,4-Bezodiazepines."

**Films on Art.** 12 noon, MacAloney Room (406), Arts Centre. Photography series - "Daybook of Edward Weston: How Young I Was; "Daybooks of Edward Weston: The Strongest Way of Seeing."

**Cultural Activities.** 7 & 9:30 p.m. Rebecca Cohn Aud., Arts Centre. "Oh! Sir James!"

**African Studies seminar.** 4:30 p.m. 1444 Seymour St., Z. Konczacki, Econ. Dept. "Pastoralism and Economic Development in Africa: Are They Compatible?"

**Russian Club Film.** 8 p.m., McInnes Room, SUB. "Uncle Vanya" from the play by Anton Chekhov. Colour. Russian with English sub-titles.

**Law Hour.** Marc Lalonde, Liberal MP will speak at 11:30 a.m. in Room 115 of the Law School.

**DSA, special meeting.** To go over articles of contract discussed to date. 12:30 p.m., place to be announced.

### Notices

#### Special meeting of DSA

The DSA will hold a special general meeting Thursday, Oct. 18 at 12:30 p.m. to go over contract articles discussed in negotiations to date. Place to be announced. Watch the bulletin boards for details.

#### Remembrance Day holiday explained

As Remembrance Day, Nov. 11, falls on a Sunday this year, classes will not be cancelled. (Students in the Faculty of Medicine will not be having classes on Monday, Nov. 12)

Nov. 12 is recognized as a paid holiday for Dalhousie staff. However, management personnel responsible for office operations will ensure that offices are open on Monday to serve students and academic staff who will be engaged in their normal activities on that day.

#### Job opportunities for U.S. citizens

Interested faculty and students of American citizenship should note that a competitive written examination will be offered on Dec. 1 to all candidates for career appointments as Foreign Service officers of the Department of State or as Foreign Service Information Officers of the U.S. International Communications Agency (USICA).

Additional information and application forms (which must be received in Berkeley, California no later than Oct. 19) are available at the U.S. Consulate, Cogswell Tower, Scotia Square, Halifax.

#### Search committee struck for dean of Graduate Studies

The Faculty of Graduate Studies has established a committee to recommend a Dean for the Faculty for the coming term (from July, 1980).

All members of the Faculty have been contacted by mail, and are invited to submit nominations and or advice to the committee's secretary no later than the end of October.

#### Brochure on student services

The new guide to student services brochure is now available at the Student Services Office in the A&A Building.

#### First aid boxes

First aid boxes for staff, costing \$11.95, are being ordered by Student Health Services until Oct. 31. Order in person or call Student Health, 424-2171. The boxes may be paid for by money order, cheque, Chargex or Master Charge.

First aid boxes for in office use are also available, free of charge, from Mrs. Duffield, Health Services.

#### Nursery school openings

The Dalhousie nursery school still has several openings, both in the morning and afternoon slots. For further information contact Stella Campbell, 424-6426.

### Awards

The following awards are currently available. For further information, contact the Awards Office, Room 125A, A&A Building, 424-2416, or the Faculty of Graduate Studies, Room 314, A&A Building, 424-2485.

**The Council for the Advancement and Support of Education (CASE)** is offering Career Scholarships for Undergraduates to attend the District I (New England, Quebec, and Atlantic Provinces) Conference Jan. 28-30, 1980 in Boston, Massachusetts. One nominee from each campus will be chosen. Applications must be submitted before Oct. 15, 1979.

**Norwegian Government Scholarships 1980-81.** An undetermined number of scholarships available, tenable for 9 months in specified universities in Norway. Preference will be given to students studying Norwegian related subjects. Closing date for applications: Nov. 30, 1979.

**German Academic Exchange Service Fellowships.** Tenable in universities, technical universities, scientific institutions, and academies of art of music of the Federal Republic of Germany and Berlin (West) for 10 months. Eighteen fellowships offered in unrestricted fields of study, except for pharmacy, medicine, and dentistry. Deadline for applications is Nov. 30 1979.

### People

#### Visiting professor in psychiatry

**Dr. C. Knight Aldrich** will be a guest of the department of psychiatry, conjointly with the department of family medicine, on Oct. 16 and 17.

Dr. Aldrich is well known to North American psychiatrists as well as abroad. He is interested in the interaction of psychiatrists and family practitioners, both in practice and education. He is Professor of Psychiatry and Family Practice at the University of Virginia.

For further information on Dr. Aldrich's visit, contact the department of psychiatry, 428-2287, or the Information Office, 424-2517.

#### Staff Changes in anaesthesia

**Dr. E.A. Moffitt** has resigned as head of the department of anaesthesia and will be on sabbatical leave until July, 1980. On his return he will understudy Dr. Lea Steeves and assume the post of associate dean of post-graduate education and clinical-hospital affairs when Dr. Steeves retires in 1981.

**Dr. C.E. Hope** has been appointed acting head of anaesthesia.

**John Orkar**, a PhD student in the history department, has been appointed the new overseas student coordinator.