



Prime Minister Pierre Elliott Trudeau will receive an honorary Doctor of Laws degree from Dalhousie at a special convocation ceremony marking the Law School's centenary on Friday, Oct. 28 at 11 a.m. (Photo compliments of the Halifax Herald)

PM, six others honoured at fall convocations

Dalhousie University will confer honorary degrees on seven world leaders in science, the arts and law at two convocation ceremonies.

Dr. John C. Polanyi, professor of chemistry at the University of Toronto, and Dr. Malcolm Ross, professor of English Literature at Dalhousie since 1968, will join about 380 graduating students in the Rebecca Cohn Auditorium for the regular fall convocation to be held tomorrow morning, Oct. 28 at 11 a.m. Dr. Ross will address convocation.

The Honourable Pierre Elliott Trudeau, Prime Minister of Canada, will be honoured along with four prominent members of the judiciary at a special convocation ceremony to mark the 100th anniversary of the Dal-

house Law School on Friday, Oct. 28 at 11 a.m. in the Rebecca Cohn Auditorium, Dalhousie Arts Centre.

Honorary degrees in addition to the Prime Minister and Madame Justice Constance R. Glubbe, Chief Justice, Trial Division, Nova Scotia Supreme Court; Mr. Justice Brian Dickson, judge of the Supreme Court of Canada; Sir Ralph Gibson, judge of the High Court of England and chairman of the Law Commission of Canada; and the Honourable T.O. Elias, president of the International Court of Justice, The Hague.

Mr. Trudeau will address convocation after receiving his degree.

See page five for the complete convocation story. □

SSHRC looking for ideas

The Social Sciences and Humanities Research Council of Canada (SSHRC) wants to know about research needs in the Atlantic region and is interested in new ideas about ways to meet those needs.

This is why members of the SSHRC are meeting representatives of universities in the Atlantic region this week.

SSHRC is a federal granting agency that supports research, research training and research-related activities in the human sciences, spending \$55 million a year on grants and fellowships for Canadian scholars and graduate students.

The Council's first stop on its Atlantic university tour was at Dalhousie on Tuesday. At all the open meetings this week, Dalhousie's included. Council members are answering questions about research policies and programs. In return, the universities have been invited to present written briefs, offer suggestions for programs and administrative changes and to provide information

about research needs specific to their areas.

Dr. Denis W. Stairs, professor of Political Science at Dalhousie, is a member of the SSHRC. He said before Tuesday's visit of the Council to Dalhousie that both as a Dalhousie faculty member and a member of SSHRC, it puzzled him that more Dalhousie faculty did not make applications for research grants and fellowships in the humanities and social sciences. Thirty-one faculty members at Dalhousie are involved in SSHRC activities.

"It may be that the faculty at Dalhousie is modest and does not like to ask for money, but I think it would be most useful for members of the SSHRC to find out what problems there may be so far as Dalhousie's low participation rate is concerned, or if Dalhousie faculty have inhibitions about applying for SSHRC grants," said Dr. Stairs.

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Dalhousie welcomes 1200 junior volleyballers

With 1200 junior and high school volleyball players on 72 teams participating in 180 matches at the Dalplex this weekend, the 1983 Dalhousie University Invitational Junior and High School Volleyball Tournament is bound to be a success.

Dal men's volleyball head coach Al Scott describes the event as Canada's largest high school volleyball tournament, with top teams from the Atlantic Provinces as well as from Ontario and British Columbia participating. He says the tournament serves to promote volleyball in Canada and is also "an extensive recruiting tool for Dalhousie and other universities."

According to Scott, the tournament has served as a significantly positive force in promoting the development of volleyball in

the region. This tournament will be the 13th edition of the high school girls' division, the fifth edition of the high school boys' division and the second year for junior high boys and girls.

Dalhousie women's volleyball head coach Lois MacGregor says the addition of junior high competitors has added to the quality of the program. "Our aim was to promote an interest in volleyball with a younger age group. In doing so, we find that we have attracted some very young competitors to what was already a strong program."

To add to the fun this weekend, Dalhousie players will be officiating at the games. As many as 11 courts will be in use at the Dalplex at one time.

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Dal News

Volume 14, Number 3, Oct. 19, 1983



Law School celebrates

The Dalhousie Law School will celebrate its centenary Oct. 28 and 29.

The occasion will be marked by a convocation, the launching of a commemorative stamp, the launching of centenary lectures, the unveiling of a commemorative plaque and window, an exhibition of memorabilia and a gala dinner and ball.

The two-day salute to a century of legal education will be attended by more than 1000 people – alumni and family, faculty, students, friends of the Law School.

Honorary degrees will be awarded at the centenary convocation scheduled for 11 a.m. Friday, Oct. 28 in the Rebecca Cohn Auditorium of the Dalhousie Arts Centre.

Recipients are the Rt. Hon. Pierre Elliott Trudeau, Prime Minister of Canada; Mr. Justice Brian Dickson, judge of the Supreme Court of Canada; Mr. T.O. Elias, president of the International Court of Justice, The Hague; Sir Ralph Gibson, Judge of the High Court of England and chairman of the Law Commission; and Madam Justice Constance Glubbe, Chief Justice, Trial Division, Nova Scotia Supreme Court. (See page five)

During the convocation ceremonies, the Law School commemorative stamp, struck by Canada Post, will be launched. (See story on page 4).

A series of four centenary lectures will have as its theme "The Common Law System: Today and Tomorrow." World acclaimed speakers from the United States, the United Kingdom and Canada will address the question. The theme is keeping with the Law School's beginning – it was the first university law school in the British Empire to teach the common law.

Two of the lectures will be delivered at 2:15 p.m. Oct. 28 and the others at 10:30 a.m. Oct. 29. Details are in the details.

A permanent record of the centenary will be in the form of a commemorative window to be unveiled in the lobby of the Weldon Law Building at 3 p.m., Oct. 28.

Other events include the official opening of an exhibition of memorabilia at 9:30 a.m. Oct. 29 in the Public Archives of Nova Scotia. An exhibition of memorabilia will open at 2:30 p.m. on the same day. The plaque is a gift of Historic Sites and Monuments Board of Canada, given in recognition of the Law School's contribution to legal education.

Local law alumni have scheduled a series of at-homes, class reunions and a class team sporting challenge. The celebrations will end with a centenary dinner and ball on the evening of Oct. 29. RG



Dal United Way 83

Your participation is a community investment

Profile



Mike Micheli makes computer connections

Mike Micheli knows where every one of those cables in his hands and under his feet goes. He ought to — a few weeks ago, Mike and co-worker Doug Devine disconnected and reconnected each one of those cables to improve the hardware connections system in the Computer Centre.

"It took us 18 hours," says Mike, who worked on the project over the weekend, when shutting down the system down would affect the minimum number of users. "They said it couldn't be done in that amount of time, but we did it," he adds smugly.

Mike is the communications technician in the technical support department of the Computer Centre. As such, he is responsible for the hardware and software on all the terminals in the Centre and for the hardware connections from those terminals (and others on campus) to Gandalf, the PAXX switching station, where calls are sorted, lined-up and put through to the computer. He is an "authorized repairman" for the terminals in the Computer Centre, which means he can fix them on the equipment itself and not void the warranty. He also acts as the Centre's hardware resource person, keeping files on the up-to-date literature and "specs" on communications equipment.

As the hardware specialist in the Centre, jobs like the "re-wiring weekend" keep Mike busy. Incidentally, that project was done so well that if something in the Computer Centre

goes wrong, the whole system won't go down at the same time and half the terminals in the two student labs will continue to work.

His office looks like a computer terminal graveyard. "It's very difficult to get parts," he explains, so machines that break down sometimes have to wait weeks for repair. Every now and then Mike has to resort to "borrowing" pieces from other broken down machines to get one of them working.

A native Halifaxian, Mike wasn't one of those computer "whiz-kids" we hear so much about these days. Actually, Mike was, and is, a musician, having played bass in several bands around town. It was his work with the bands and the need to know how to repair them that got him interested when they played him going in the field.

As a graduate of the Nova Scotia Institute of Technology, Mike has worked on everything electronic from cash registers to word processors to computer terminals. But as a hardware technician, he has to admit that he's not too familiar with how to use the darn things.

Mike likes his job well enough, although he sometimes finds the long hours and the lack of people contact (he sees a lot of wires, but not a lot of people) a little hard to take. "The most pleasurable part of my job," says Mike, "is the people I work with — they're a great team."

You asked us

Ruth Allan of the Physics department wants to know "what does it cost to produce and mail Dal News?"

Dick Bowmer, Director of Public Relations, answers: "Costs will vary with each issue and will depend on the number of pictures, pages, and the use of colour. A press run of 7000 eight page tabloid newspapers for the Dalhousie community costs \$385 for printing, about \$100 for pictures and \$50 for layout, design and label preparation; the printer costs an additional \$50 and label runs are \$15 per issue. Total cost for the printing of an eight page edition is \$500, or .085¢ per copy. The cost will run an extra .02¢ per copy for twelve pages. Of

course, staff time is not calculated in these figures."

In our view that individual mailing ensures this publication will reach all members of the Dal community. Bulk drops of the paper are still in place for students in key areas and several copies are mailed to destinations beyond Dalhousie.

"Dalhousie is all of us — *Dal News* is a community publication. We hope it is informative and 'newsy' and communicates things that people read about. You can help us improve the paper by letting us know how we can be more responsive to your communication needs." □

\$avings \$uggestions committee gears up

Members of the new Savings Suggestions Committee are rolling up their sleeves as they prepare to finalize details on policies and procedures for rewarding savings suggestions submitted by interested Dalhousians, and to evaluate the first set of suggestions already received.

The committee was formed last spring as a means of encouraging members of the university community to think of new ways to save Dalhousie money. Administrative group working sessions followed, and out of these sessions came a number of suggestions in areas ranging from campus lighting and word processing to semestering. Chairman, Wayne Ferguson, who describes the work of the committee to date as positive, says that many of these suggestions have already been implemented or will be put into effect this year.

More recently, the committee has been looking at methods to promote "savings searches" across campus. Members have received eight outside suggestions to date, which volunteer investigators are currently evaluating.

Mr. Ferguson has introduced a paper on policies for awards to be offered to people providing workable savings suggestions, which the committee is also evaluating. Posters and procedure announcements will be introduced in November.

Savings suggestions reports will be presented to *Dal News* during the next few months. If you have ideas for the committee's activities, Savings suggestions are welcomed and should be directed to Wayne Ferguson in the President's Office, DB

Dal News

Dal News is published by Dalhousie University for members of the Dalhousie community. Printed by the Public Relations Office, *Dal News* is published every two weeks between September and April, with a break at Christmas and occasional summer issues.

The staff of *Dal News* includes: Dick Bowmer, Director of Public Relations; Derek Mann, Director of Publications, Editor-in-Chief; Gina Williams, Senior Information Officer, Editor; Susan Williams, Information Officer, Reporter; Kathi Petersen, technical production.

Final deadline for inclusion of items in *Dal News* is noon Thursday before the following Friday's publication.

Letters and submissions should be addressed to The Editor, *Dal News*, Public Relations Office, Dalhousie University, Halifax, NS B3H 2W5 tel (902) 424-3463.

Thanks to those *Dal News* supporters who helped to put this issue together. Contributing to this issue, besides the regular Public Relations Office staff, were Margaret Barnard, Richard Brown, Pat Curran, Carolyn Dockett, Craig Munro, Christine Neeson, Gordon Stoddart, and the staff in the Awards Office and the Office of the Graduate of Graduate Studies.

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DEADLINE 5 P.M., OCT. 27

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Ross, Polanyi honoured at fall convocation

Two prominent Canadian academics and about 380 graduating Dalhousie University students will be honoured at fall convocation ceremonies to be held in the Rebecca Cohn Auditorium, Dalhousie Arts Centre on Thursday, Oct. 26 at 2 p.m.

Dr. John C. Polanyi, researcher and professor of chemistry at the University of Toronto, and Dr. Malcolm Ross, long-time professor of English at Dalhousie and well known as "the father of Canadian literature," will receive honorary Doctor of Laws degrees.

Dr. Ross will address convocation.



DR. JOHN C. POLANYI

Dr. Polanyi, who was born in Germany, is a graduate of the University of Manchester, England (BSc, MSc, PhD). He came to Canada in 1952 as a post-doctoral fellow of the National Research Council and moved to Princeton University as a research associate. He joined the University of Toronto in 1956, being promoted to full professor in 1962 and university professor in 1974.

A Fellow of the Royal Society of Canada and of the Royal Society, Dr. Polanyi is also an honorary member of the American Academy of Arts and Sciences and a Companion of the Order of Canada. Recipient of many awards and author of about 100 papers, he has received honorary degrees from the universities of Waterloo, Memorial, McMaster, Carleton, Trent and Harvard. He was founding chairman of the Canadian Pugwash Group.

Dr. Polanyi has made outstanding contributions to modern chemical dynamics, developing in 1959 the field of infrared chemiluminescence. In the early Sixties he predicted the infrared chemical laser and is now an expert on laser technology. He is also an advocate of nuclear disarmament and an active spokesman on science policy.



DR. MALCOLM ROSS

Dr. Ross, who was born in London, is a graduate of the universities of New Brunswick (BA), Toronto (MA) and Cornell (PhD). He taught at the universities of Alberta, Cornell, Indiana, Manitoba, Queen's and Toronto before joining Dalhousie in 1968.

A prominent teacher of 17th century Victorian and Canadian literature, Dr. Ross is also well known for his contributions of Canadian literature. He edited the first edition of the New Canadian Library series which, since 1958, has made the works of unknown or out-of-print Canadian writers widely available in paperback. NCL has to date produced 168 titles.

Dr. Ross is also editor of Canadian Writers, a sub-series of NCL, which has 12 volumes so far in print. He has been a friend and adviser to many leading Canadian authors, and best-seller Margaret Laurence was one of his students at the University of Manitoba.

Last year Dr. Ross was awarded the prestigious Lorne Pierce Medal by the Royal Society of Canada for his contributions to Canadian letters. He was also selected a Fellow of the Royal Society in 1958.

Dr. Ross, who was visiting professor of Canadian Studies at Edinburgh University last year, has received honorary degrees from the universities of New Brunswick, St. Thomas and Trent. The author, co-author or editor of several books and the writer of many articles, Dr. Ross' work has also involved him in the Humanities Association of Canada, chairman of the Governor General's Awards, and president of the humanities and social sciences section of the Royal Society of Canada. □

Ghanain officials join Dal faculty

Two former cabinet ministers in the Ghanaian government have joined Dalhousie University's Centre for Development Projects.

They are Mr. and Mrs. A. Nikoi, a husband and wife team who held cabinet posts at different times in Ghana. Mr. Nikoi, a former Governor of the Bank of Ghana, was Minister of Finance. His wife, Gloria was Minister of Foreign Affairs.

The Nikois asked if they could join Dalhousie because of the university's long association with their country.

A team from Dalhousie's Centre for Development Projects was invited to lead a training program in project and staff planning for senior civil servants in Ghana in the 1970s. The cooperative program with Ghana's Institute of Management lasted seven years and was, in

a sense, a test case that proved highly successful. It has served as a prototype for other training programs organized by Dalhousie departments in co-operation with other developing countries.

Mr. Nikoi will be a senior fellow in international development studies at the Centre for Development Projects. Mrs. Nikoi will be a senior fellow in international policy studies in the Centre for Foreign Policy Studies and will be associated with the Centre for African Studies at Dalhousie. The couple will lecture at Dalhousie and across Canada.

Said Professor Ian McAllister, director of the Centre for Development Projects: "The Nikois are widely regarded as two of Africa's most respected leaders." DM

Committee on Prospective Students reports to president

NEW DEAN'S POSITION RECOMMENDED

The President's Advisory Committee on Relations with Prospective Students has recommended that the administrative position of Dean of Prospective Students be created, and that periodic reviews of the entire system of relations with prospective students be carried out.

The committee, which was appointed in January to review all university arrangements for serving prospective students entering university for the first time in undergraduate programs, has submitted its report to the President, and his office is distributing it to selected areas of the university for discussion.

The report considered Dalhousie's relations with high schools, administrative relations with prospective students, university services, publications and procedures and events.

In addition to the two major recommendations, the report contains 29 subsidiary recommendations that deal with the philosophy, functioning and operations of the office of a Dean of Prospective Students. The 60-page report also has 14 appendices.

The committee met nine times and at most of the meetings conducted interviews

with resource people including the Registrar, the Dean of Freshmen, a member of the Board of Governors, an Alumni Association representative, a vice-president, the Dean of Men, the Dean of Women, an assistant dean, the Council on Student Life representatives and two members of the public relations committee of the Faculty of Arts and Science.

In addition, many personal interviews were conducted by individual members of the committee. Those interviewed included representatives of relevant services and programs at Dalhousie, and guidance counsellors, principals and students of seven high schools in the Atlantic region.

Chairman of the committee was Professor Miriam Stewart of the School of Nursing and other members were Professor E.B. Mercer, secretary; Professor D.C. Cherry, School of Business Administration; Dr. R.H. March, Physics; Mrs. Peggy Weld, president, Dalhousie Alumni Association; John Russell, Peter Rans and Susan McIntyre, student representatives. DM

MacKay heads AUCC

Dr. W. Andrew MacKay, President of Dalhousie, has been elected president of the Association of Universities and Colleges of Canada (AUCC).

After reviewing a *Globe and Mail* report on his election, Dr. MacKay said there was a difference in emphasis in the notion of his "major task" as one of carving out an "independent stand" for Canadian universities. Rather, the President wishes to make the point that in the coming year special emphasis must be placed on encouraging both the principal and central levels of government to recognize the importance of Canada's universities. He indicated that the Association must always walk a fine line on funding questions, which tend to involve constitutional matters.

The President will serve as president of the AUCC until October, 1984. DB



Dr. W. Andrew MacKay

First Killam lecture looks at Orwell's prophecies



Julian Symons, noted British literary critic and friend of George Orwell, will be the first of three invited speakers in the 1983 Killam Memorial Lecture series.

The theme of the Dalhousie series is Law on the Eve of 1984.

The first lecture is entitled Orwell's Prophecies: The Limits of Liberty and the Limits of Law and will be delivered tomorrow (Oct. 20) at 8 p.m. in Room 115 of the Weston Building.

Symons is an author, historian, biographer and essayist. He has published more than 30 books, including such well-known crime novels as *The Heat is On*, which have been made into films. He has been a reviewer for the *Sunday Times* of London for 25 years and has written plays for television. He is also a fellow of the Royal Society of Literature and a friend and correspondent of Orwell's.

The lecture series this year is devoted to aspects of the law in recognition of the centenary of the Dalhousie Law School. RG

The Law School's Centenary —

MANY EVENTS, FEATURES HIGHLIGHT CELEBRATIONS

Dalhousie
Law School
1883-1983

Canada



Postage Postes

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Canada Post launches stamp

Canada Post has established a commemorative stamp in recognition of the Dalhousie Law School's contribution to 100 years of legal education in Canada.

The launching of the stamp will take place at the special law school centenary convocation ceremony at 11 a.m. Friday, Oct. 28 in

the Rebecca Cohn Auditorium of the Dalhousie Arts Centre.

The stamp design, by Denise Saulnier of Communication Design Group Ltd., Halifax, characterizes both the preserving spirit and the rich tradition of the Dalhousie school. It features the school's coat of arms — a pho-

nix over the tradition symbols of justice, against a deep blue background.

The centenary committee plans to distribute a letter to all 3,400 alumni using the new stamp. The letter will be hand cancelled with a First-Day-of-Issue cancellation on it.

The lecture series

Four distinguished members of the legal profession will deliver the Dalhousie Law School centenary lectures as part of the Oct. 28-29 centenary celebrations.

Invited speakers are Mr. Justice Sir Ralph Gibson, Chairman, Law Commission, UK; Professor R.C.B. Risk, University of Toronto; Professor Morton J. Horowitz, Charles Edward Professor of American Legal History, Harvard Law School; and Professor Alan Watson, the Law School, University of Pennsylvania.

The theme of the lectures is "The Common Law: Today and Tomorrow," which is in keeping with the centenary celebration, since the Dalhousie Law School was the first university law school in the British Empire to teach the common law.

Judge Gibson and Professor Risk will speak at 2:15 p.m. Friday, Oct. 28, and Professors Horowitz and Watson will deliver their lectures at 10:30 a.m. Saturday, Oct. 29.

The lectures are free and open to the public. They will be given in Room 115 of the Weldon Law Building.

The dinner and ball

Mr. Justice R.G. Brian Dickson, Judge of the supreme court of Canada, will be the guest speaker at the centenary dinner and ball organized as part of the Dalhousie Law School's centenary celebrations. The dinner will be held at 8 p.m. Saturday, Oct. 29.

Judge Dickson is a native of Yorkton, Saskatchewan. He graduated in law with a gold medal from the University of Manitoba and he was appointed a Queen's Counsel in 1953. Ten years later he was appointed to

the Manitoba Court of Queen's Bench. In 1973, he was elevated to the Supreme Court of Canada.

He is a life bencher of the Law Society of Manitoba, a member of the Board of Trustees, and the Sellers Foundation, and served as chairman of the Board of Governors of the University of Manitoba from 1971 to 1973.

He has been awarded honorary degrees by the universities of Saskatchewan, Manitoba, Ottawa and Queen's, and he will be one of five to receive honorary doctorates at the Dalhousie law centenary convocation on Oct. 28.

Memorial ceremony

The Dalhousie Law School will hold a remembrance ceremony in honor of the Hon. Vincent Dunn, former Supreme Court justice and senior counsel at the Dalhousie Legal Aid Service, and Eunice Wadham Beeson, law librarian from 1959 to 1966.

The ceremony, which is one of a series marking the Law School's centenary, will take place at 4 p.m. on Wednesday, Oct. 26 in the Law School library. At that time portraits and tributes will be unveiled.

Mr. Justice Peter, a member of the law class of 1932, was of Acadian heritage. He served as a Member of Parliament, a royal commissioner, a barrister and county court judge, and as judge of Admiralty, Probate, and in the Trial Division of the Supreme Court of Nova Scotia. He was an esteemed member of the Bar at the Law School, and he devoted his retirement years to the instruction and guidance of students in the clinical law program.

Eunice Beeson was a native of Colorado Springs. She earned her law degree from Northeastern University and served as the Sir James Dunn Law Librarian and associate professor of law at Dalhousie from 1959 to 1966.

The window

A commemorative window has been created as a lasting memorial to the Dalhousie Law School's centenary. It will be unveiled at 5 p.m. Friday, Oct. 28 in the lobby of the Weldon Law Building.

The artists are Rejene Stowe and Andrew Terrius of Cape Breton and Halifax. They explain their work as follows:

Beginning with a basic geometric, we gradually developed a figurative theme which makes reference to the law as a dynamic rather than a static force.

"The background, in making reference to a formal classicism, implies an underlying sense of order against which is juxtaposed symbols of the legal and academic professions in a state of flux. The book and paper form, with their fragmented edges, represents the law in a continuous process of transformation."

"The predominant blues suggest a contemplative rationality which counterbalances elements of disintegration and disorganization. The implication being that the law is not static or absolute; rather it constantly responds and adapts to current circumstances and opinions."

Rejene Stowe's and Andrew Terrius' work has been exhibited at major public galleries in Halifax, on the cover of *Art Atlantic*, on the pages of *Atlantic Insight* and *Canadian Living*, and in the collections of the Nova Scotia Art Bank and the Nova Scotia Designer Craftsmen. They have received funding from the Canada Council and the Nova Scotia Department of Culture, Recreation and Fitness to study architectural glass design and glass painting, and their work, which has received numerous awards in juried exhibitions, has toured extensively in North America. They have completed over 75 installations for private residences and they are currently working towards a show which will open in November at the Mount St. Vincent University Art Gallery. RG

Congratulations from the European Court of Human Rights

The President, Dr. W. Andrew MacKay, has received numerous letters of congratulations on the occasion of the Law School's 100th anniversary. Reproduced below is the letter from Dr. Gérard J. Wiarda, the President of the European Court of Human Rights, Strasbourg.

Dear President,

The occasion of the one hundredth anniversary of the Faculty of Law at Dalhousie University provides me with a welcome opportunity to pay tribute to an institution of outstanding merit and distinction. As the oldest university law school in common-law Canada, it has left and will, I am sure, continue to leave an indelible mark on Canadian national life. In its pioneering role in the field of legal education, the Dalhousie Law School, by emphasising a liberal curriculum as well as a professional orientation, has achieved the necessary degree of independence whilst at the same time avoiding the hazard of the divide that can all too easily grow between the worlds of the academic and practicing lawyer. The very substantial impact and influence of the School's graduates on legal and public life in Canada provide a striking testimony of its achievements. The School's important contribution in the vital area of the promotion of the rule of law and the protection of human rights and fundamental freedoms is well known. I cannot fail to mention in this respect the presence on the European Court of Human Rights of a distinguished member and former Dean of the Faculty, Professor Ronald Macdonald; it is a source of pride and pleasure to me and my colleagues to have the benefit of his participation and assistance.

I congratulate the Dalhousie Law School on this, its centenary, and extend to it my warmest good wishes for the future, a future which I know will be marked by the continued growth and enhancement of an already remarkable record.

Yours truly,
Gérard J. Wiarda

Convocation celebrates Law School's centenary, honours prominent members of legal profession

A special convocation to mark the 100th anniversary of the Dalhousie Law School will be held on Friday, Oct. 28 at 11 a.m. in the Rebecca Cohn Auditorium, Dalhousie Arts Centre.

The university will confer five honorary Doctor of Laws degrees on five prominent members of the world judiciary as part of the celebrations.

Those to be honoured include The Right Honourable Pierre Elliot Trudeau, Prime Minister; Justice Michael L. Kirby, Constance R. Glube, Chief Justice, Trial Division, Nova Scotia Supreme Court; Mr. Justice Brian Dickson, judge of the Supreme Court of Canada; Sir Ralph Gibson, Judge of the High Court of England and chairman of the Law Commission; and The Honourable T.O. Elias, president of the International Court of Justice, The Hague.

PIERRE ELLIOT TRUDEAU

Mr. Trudeau was born in Montreal and was educated at the Jean de Brébeuf College (BA) and the University of Montreal (LLB). He received his MA from Harvard.

After practising and teaching law, he was elected to the Commons for the Mount Royal constituency in 1965. The following year he became Parliamentary Secretary to Lester B. Pearson and, in 1967, was appointed Minister of Justice and Attorney General.

Elected leader of the Liberal Party in 1968, he was sworn in as Prime Minister a few days later.

In the general election of 1979, Mr. Trudeau was re-elected as MP for Mount Royal but his party lost and he became Leader of the Opposition. In the spring of 1980, the Liberals were re-elected and he became Prime Minister again.

As a critic of the social and political scene in Canada, Mr. Trudeau wrote extensively in the 1950s. He was also one of the founders of Cité Libre, which became an influential force for reform in Quebec in the 1950s and 60s.

CONSTANCE GLUBE

Chief Justice Glube was born in Ottawa and was educated at McGill (BA) and Dalhousie

(LLB) universities. From 1964 to 1968 she was in private practice, and from 1969 to 1974 was with the legal department of the City of Halifax. She became a Queen's Counsel in 1974. The same year she was appointed chief manager of the Nova Scotia Bar.

In 1977, Chief Justice Glube was appointed to the Trial Division of the Nova Scotia Supreme Court, and in 1982 was appointed Chief Justice of that division.

Chief Justice Glube is a former board member of the Shaar Shalom Synagogue in Halifax, former chairwoman of the Council of Public Administration of Canada, the Halifax Courthouse Commission, and the Metro Courthouse Commission, and the Metro Court. She also served as president of the Shaar Shalom Women's League, was Atlantic regional co-chairman of the Canadian Council of Christians and Jews, and was director of vice-chairwoman of the Canadian Judges Conference, 1979-83.

She has been a director of the Canadian Institute for the Administration of Justice since 1979 and is a member of the Canadian Judicial Council and the Conference of Chief Justices.

SIR RALPH GIBSON

Mr. Justice Gibson was educated at Charterhouse in England and at Brasenose College, Oxford (MA). During the Second World War he served as an officer in the army. In 1948 he was called to the Bar, and then was Bigelow teaching fellow at the University of Chicago.

Appointed a Queen's Counsel in 1969, Mr. Justice Gibson was in private practice before becoming a Recorder of the Crown Court in England. He was a member of the Council of Legal Education in England in 1971, and a member of the Parole Board from 1979 to 1981.

BRIAN DICKSON

Mr. Justice Dickson, who was born in Yorkton, Saskatchewan, was educated at Regina Collegiate Institute and the University of Manitoba. After graduating with his LLB from Manitoba Law School, he was called to the

Bar of Manitoba in 1940. He served with the Royal Canadian Artillery during the Second World War.

Judge Dickson practised law with a Manitoba law firm from 1945 to 1963, and between 1948 and 1954 was a lecturer at the Manitoba Law School. He was appointed a Queen's Counsel in 1953.

Mr. Justice Dickson was appointed to the Queen's Bench of Manitoba in 1963 and to the Supreme Court of Canada in 1973. He was a member of the Manitoba Provincial Board of Governors from 1971 to 1973 and, serving the Anglican Church of Canada, was Chancellor of Rupert's Land diocese from 1960 to 1971. He is deputy Governor General and a life bencher of the Manitoba Law Society. He has received honorary degrees from St. John's College, Manitoba, and the universities of Manitoba, Saskatchewan, Ottawa and Queen's.

TASLIM OLAWALE ELIAS

The Honourable Taslim Olawale Elias, eminent Nigerian lawyer, scholar, and jurist, is currently President of the International Court of Justice.

After receiving a university education at Igboho College, Lagos, University College, London, and the Institute of Advanced Legal Studies, London, Dr. Elias was called to the British bar in 1947. From 1951 to 1960 he served as a research fellow at Oxford and, since that date, he has written a score of books and many articles, almost all dealing with the problems of law and government in Africa.

He furthered the cause of legal education in Africa by serving as Professor of Law and Dean of the Law Faculty at the University of Lagos from 1966 to 1973. In 1958, he was a delegate to the Nigerian Constitutional Conference in London; he can still recall the formation of Nigeria as Minister of Justice from 1960 to 1966, as Attorney-General from 1966 to 1971, and as Chief Justice of the Supreme Court from 1972 to 1975. He became a member of the International Court of Justice in The Hague in 1976 and its President in 1983.

Dr. Elias has served, as well, on many international bodies. He was a member of the UN International Law Commission from

1961 to 1970, and was its Chairman in 1970; he has been Chairman of the African Institute of International Law and President of the World Association of Judges. He has received honorary degrees from universities in several countries and received the World Jurist Award in 1973.



Constance Glube



T.O. Elias



Sir Ralph Gibson



Brian Dickson



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Computer Advisory Committee makes major recommendations

The President's Advisory Committee on Computing (PACC) "conservatively" estimates that the future growth of computer usage at Dalhousie will be about 30 per cent per annum. With that in mind, the Committee, which has been meeting since last May, has made several major recommendations about computing at Dalhousie. Those recommendations, says Dr. David Cameron, Vice-President planning and resources, are now open to discussion and consideration by all Dalhousie faculty, staff and students, and stand above the state of computing facilities on campus.

The report which is the result of an extensive study conducted by the committee during the past academic year, advises that "there is no single way to meet all of the university's computing needs. There is a need for micro-computers, mini-computers, and a large central computer."

The study received 217 responses from 114 academic, administrative and other groups, the report states. Other major findings addressed such subjects as word processing and typesetting facilities; improved data communications on campus as well as between Dalhousie and other institutions; staffing; and the need for user-friendly systems.

The committee made 37 recommendations in the areas of organization and management, academic and research computing, administrative computing, word processing and other general subjects.

Under the heading of organizational and management issues, the report states that,

"Dalhousie should be visibly committed to excellence in computing," that "campus computing services should be reviewed externally every three years," and that "the management of campus computing services should be reviewed annually."

The report's academic and research computing recommendations include: a new mainframe computer should be acquired for academic and research needs; additional general use workstations are needed; the Computer Centre has already acquired 100 terminals and should acquire another 20 additional terminals for Room B504 and 20 micro-computers; Computing Services should develop plans for the eventual hard-wiring of the campus; experienced, highly qualified staff should be available to computer users during all hours of heavy usage (the Computer Centre has also recommended that the University appoint one or more additional programming assistants and offering a full-time consulting service for faculty, staff and researchers); cooperation and sharing of computer facilities among the local universities should be encouraged; and the university administration should actively pursue appropriate liaisons with industry, computer manufacturers, etc., for the purpose of acquiring computing resources.

Under administrative computing, some of the recommendations are as follows: top administration should acquire a highly qualified computer expert; the university, in conjunction with other local institutions, should establish a computer service centre for its

administrative needs; Computing Services should establish an administrative systems group; and, in introducing new technology to the campus, administrators should take into account the impact on employees.

A detailed study of word processing and typesetting needs on campus should be conducted and, until then, no major pieces of this type of equipment should be acquired, the report also recommends.

Other recommendations address the need for standardization of computing facilities; the suggestion that the Dalhousie University Computer Users' Group (DUCUG) be reorganized as an active advisory committee to Computer Services, advise the university to encourage the establishment of computer-related centres of excellence and urge that a follow-up be conducted on how well recommendations have been implemented.

"In order to carry out the recommendations of the Advisory Committee, the university will eventually have to spend \$1.4 million in capital expenditures, and \$3 million in annual operating costs," the report states. "While this may seem like a great deal of money, it is less than what many other universities the size of Dalhousie are currently spending."

In his introduction to the report, Dr. Cameron says, "The financial implications of the Advisory Committee's report are, of course, dramatic... Such expenditures will be possible only if computing facilities and services are given a very high priority in fund raising and annual operating budget allo-

cations. Setting such a high priority for computing will require difficult choices, including the identification of facilities and activities we are prepared to do without."

"It is to this planning and priority setting that we must now turn our attention."

YOUR COMPUTER COMMENTS ARE NEEDED NOW

In his introduction to the report, Dr. David Cameron says: "The purpose of publishing this report is primarily to stimulate discussion, critical review and alternative suggestions, and thus carry on the planning process that will chart our course in the development of computing facilities and services over the next five to 10 years... It is to this planning and priority setting that we must now turn our attention. Effective planning can only be based upon widespread discussion and comment. The Advisory Committee has suggested directions for further planning; we now need your reaction to these suggestions. Please write or discuss your views personally with me, or with a member of the Advisory Committee or the Senate Committee... Now, let the debate begin." GW

Ed. Note. Copies of the President's Advisory Committee's report are available at the President's Office, the Computer Centre and the Public Relations Office, as well as at several public distribution depots on campus.



Computer facilities at Dalhousie need major upgrading if they are to adequately serve the academic, research and administrative needs of the university, says "Directions in Computing," the report recently published by the President's Advisory Committee on Computing. The report is the result of a study conducted by the committee last year.

Training for the Triathlon —

THREE DALHOUSIE "IRONMEN" TO COMPETE IN GRUELING HAWAIIAN EVENT

by Pat Curren
and Gina Wilkins

It's well known as one of the most grueling athletic events — almost too much for the human body to handle. It's a 2.4 mile swim followed by a 112 mile bicycle ride, topped off with a 26.2 mile run. And it's held in the intense heat of Hawaii. The fastest recorded time is just over nine hours.

The 1983 Bud Light Ironman Triathlon Championship, to be held this Saturday, Oct. 22, will attract about 1200 participants. Three of them will be Dalhousians — John Carson, Patty Clune and Dave Currie — the first people from Atlantic Canada to compete in the event.

Twenty year old John Carson, of Dartmouth, expects to complete the triathlon in under 10 hours. If he succeeds, he will place in the top 100.

John has taken this year off from the engineering program at Dalhousie to train for the competition. He does this from Feb. 2 to April 15. Since last January, he has been preparing ever since. He slowly built up his training, starting with a program which included biking 150 miles a week, swimming four, and running 35. His weekly schedule now includes 350 miles of biking, 12 miles of swimming, and 50 miles of running.

"Last year," he says, "All I do is train. I train seven to eight hours every day, even on weekends."

Twenty-seven-year-old Patty Clune, a native of Toronto who now lives in Halifax, combines her six to seven hour a day training program with a part-time job in the Dalplex and work on a Masters thesis in Exercise Physiology. She starts her day very morning for a 80-kilometre bicycle ride. At lunch, she swims two miles in the Dalplex pool, and after work she's on her bicycle again before she gets into a 10 km run. She also fits weight training into her schedule, and like John has been preparing for the triathlon since February.

Dave Currie, 25, follows a similar schedule while also finding time for family life (Dave is married with an 18-month-old son), a full time job as a fitness consultant at Dalplex and work on a Masters degree in Physical Education. A native of Saint John, N.B., he too has been training for the Ironman competition since last January.

Currie became interested in the Ironman triathlon after reading about it and seeing the first one on television in 1978. "It seemed like the perfect sport for me," says the 6'2", 160 lb. athlete, "because of my background." (Currie played varsity soccer for three years at Dalhousie while completing his undergraduate degree in education.)

The three began training to stay in shape during the winter. I used the bicycle to commute to work, and I swam competitively in high school. I was used to all three activities."

Like Currie, John Carson used his bicycle to commute. As a runner for the past 10 years, he has developed his cycling interests to complement his running training.

Patty Clune, however, has had to switch running as well. When she injured her leg in the 1982 Ottawa Marathon, she took up cycling to stay in shape while she healed. And like Currie and Carson, she has training in endurance-type sports, not only as a marathon runner, but also as a member of the Masters' Swim team and a cross-country skier.

After some experience in triathlon competition, Clune finished second in the women's division of the local Labour Day triathlon, where the distances were about one-third of those in Hawaii. Carson and Currie took the two-spoits in the men's section of the same event, and in August, Currie placed 25th of 800 in a mini-triathlon in Cape Cod, with the distances were about one-half of those in Hawaii.

The Dalplex has been an invaluable tool for all three athletes, affording them running and swimming facilities, as well as the equipment for weight training. For Clune and



These three Dalhousians — John Carson, Dave Currie and Patty Clune — will be among the 1200 competitors in the grueling Ironman Triathlon to be held in Hawaii this weekend. They are the first Atlantic Canadians to compete in the event. (Wambolt-Waterfield photo)

Currie, who both work in the building, the engineering program, has also served a valuable purpose.

"I'm always surrounded by athletes in training," Currie points out. "When I am not motivated, I see them training and it makes me enthusiastic."

Dalplex and Nova Scotia are not, of course, the ideal locations to train for a competition to be held in Hawaii, the flattest of the loners agree.

The Dalplex pool may be convenient, they say, but it does not approximate the experience of swimming in the giant wave swells of the Pacific ocean with 1200 other people. "They will be climbing on your back and kicking you in the face," Currie says. "The first 600 meters you can't stop. You have to wait until the pack evens out or you'll be trampled."

The Nova Scotia climate is not hot enough, either, to prepare the competitors for the intense heat of the Hawaiian sun, and a course with little shade and asphalt which can reach temperatures as high as 110° F. Currie and Carson have had to improvise by training in full sweatshirts and Clune has been running in long underwear.

None of the athletes have changed their diets significantly for the event, although they do consume more carbohydrates for maximum energy.

Carrie and Carson each take a few days to go before the big event and sleep well. Clune, however, is seriously about the mental as well as the physical anguish they will go through before and during the grueling 10 to 13 hours of competition.

"When you are training, you feel good, but you are constantly tired," says Currie.

"When you are competing, you start hurting, you start getting cramps, you start getting away. When you are swimming, you look forward to the cycling, five miles into the cycling you look forward to the running and three miles into the running you can hardly wait to finish."

"It takes a lot of mental toughness, which is the advantage of doing the right kind of training."

"The mental aspect is unreal!" Patty Clune agrees. "Once you're in the proper condition, it's 50 per cent mental. Pacing is the name of the game." She hopes to complete the event in 12 to 13 hours.



Carrie, John Carson and Patty Clune will cycle 112 miles in the Hawaiian heat this weekend as part of the Ironman Triathlon competition. Cycling is the second of the three legs of the race. The first is 2.4 mile swim and the last is a 26.2 mile marathon run. (Wambolt-Waterfield photo)

Currie, who hopes to finish in 11 to 13 hours, agrees that "you are always running on the edge, not pushing too hard that you have to drop out but hard enough that you get the best possible performance. It is a very humbling experience."

And there's the psychological and the physical letdown after the event, when the three will be exhausted, dehydrated and they have to return to "normal" life.

When it's over, Currie plans to taper off his training until February or March, when he'll start his intense schedule again, probably not for the Ironman, but for other triathlon competitions.

Clune, who also doubts if she'll enter the Ironman again, says she will begin training for the Cross-Country Courreurs-de-bois in Toronto and will continue to cycle throughout the winter.

John Carson has not made up his mind about future Ironman competitions. "I'll have

to wait to get a dose of the competition before I decide on next year."

This weekend, nine months of early rising and intense physical exertion will be put to the ultimate test. All three appear to have everything under control as they approach what is probably the biggest and most demanding event of their lives. With months of training and preparation behind them (sponsored by the local sporting goods store Aerobics First), they are as prepared physically as they can be. With the support of family, friends and fellow athletes, and with the tough attitudes they have acquired from years of training and competition, their mental preparation seems sound. Let's hope they do not let their hopes, that the heat is not too bad and that they are fit enough, and strong enough, to endure. □

What's on at Dalhousie

Thursday October 20

BIOLOGY DEPARTMENT SEMINAR: M. Slater, Department of Zoology, University of Washington, Seattle, "Rare Alleles as evidence of gene flow." 11:30 a.m. Room 2970, Life Sciences Centre.

MATHEMATICS COLLOQUIUM: "Sphere-packing in 3-dimensions." Professor H. Zassenhaus, University of Montreal and Ohio State University. 3:30-4:30 p.m., Room 2622, Killam Library.

EDUCATION DEPARTMENT SEMINAR: "White and Black adolescent attitudes towards themselves and each other 1970 and 1980." Dr. James Manos, Department of Education, Dalhousie. 4 p.m. Room 120, Arts Annex.

CENTRE FOR AFRICAN STUDIES SEMINAR SERIES: Edward Gharay, "The demand for Ghana's Cocomo — An economic analysis." 4:30-6:30 p.m. 1444 Seymour Street.

KILLAM MEMORIAL LECTURE: Julian Symons, "Orwell's Prophecies: The Limits of Liberty and the Limits of Law." 8 p.m., Room 115, Weldon Law Building.

DALHOUSIE THEATRE PRODUCTIONS: "Canadian Gothic/American Modern." Joanna M. Glass. October 19 to 23, Studio One, Dalhousie Arts Centre, 8 p.m.

A moving double bill from the author of Artichokes.

WOMEN'S BASKETBALL: Alumni Exhibition. Come out and watch or play. 8:30 p.m., Dalplex.

AT THE GRADUATE HOUSE: Backyard Swing, musical entertainment. 8:30 p.m. to 12:30 a.m. Members and their guests only.

Friday October 21

ISA WINE CELLAR: Come and enjoy a variety of cheese and fruit and a glass of wine. 9 p.m., Green Room, SUB.

ISA CULTURAL ARTS AND CRAFTS DISPLAY: Featuring the MicMac people of NS. Sculpture Court, Dalhousie Arts Centre. Continues tomorrow.

ANNUAL SCIENTIFIC MEETING OF ATLANTIC PROVINCES RADIOLOGISTS: Opens at 9 a.m. and continues through October 22 at Dalhousie University Medical School, Lecture Theatre C.

PSYCHOLOGY DEPARTMENT COLLOQUIUM: "Functional topography in visual cortex," Max Cynder, Dalhousie University. 3:30 p.m., Room 4258/63 Life Sciences Centre.

SCHOOL OF LIBRARY SERVICES FRIDAY LECTURE SERIES: Mr. Gordon Korman, "Growing up and writing for kids." 3:30-4:45 p.m., MacMechan Auditorium.

FRIDAY AT FOUR: "Advances in medical care in Nicaragua." Dr. John P. Savage, Preceptor, Department of Family Medicine and Family Physician, Dartmouth, NS. Theatre A, Sir Charles Tupper Medical Building.

CLASSICS DEPARTMENT PUBLIC LECTURE: Professor Colin Wells, University of Ottawa, "Why am I angry?" A part of the Eastern Speakers Tour of the Classical Association of Canada. 8:30 p.m., MacMechan Auditorium, Killam Library.

APPLIED MATHEMATICS SEMINAR: "The statistical basis of objective analysis and its implications for modeling spatial covariance structure." H. Jean Thiebaud, Dalhousie University. 4:50 p.m., Room 2622, Killam Library.

OPERATOR THEORY SEMINARS: "Analytic cross products," Dr. B. Solel, Dalhousie. 3:35-4:35 p.m., Room 440, Killam Library.

FIELD HOCKEY: Dalhousie vs Moncton, Studley Field. 4 p.m.

MEN'S VOLLEYBALL: High School Invitational Tournament, Dalplex. 1 p.m. October 21-22.

WOMEN'S VOLLEYBALL: Black & gold, Interasquad match, Dalplex. 12:30 p.m.

MUSIC DEPARTMENT NOON-HOUR RECITAL: "Pastorale," 12:30 p.m., Art Gallery. Admission free.

A woodwind quartet and three voice students will inaugurate the Music department's 1983-84 series of noon-hour recitals in the Art Gallery.

FACULTY CLUB CANDLELIGHT DINNER: Rack of Lamb or Halibut Almandine. 5:30-8 p.m. in the Dining Room. Reservations recommended, call 424-6511.

Saturday October 22

SCHOOL OF LIBRARY SERVICES WORKSHOP: Vivienne Monty, "Business information sources." 9:30 a.m., MacMechan Auditorium, Killam Library.



"Ladies and gentlemen, a man and his soul, Mr. Ray Charles" — This is the introduction heard countless thousands of times around the world wherever Ray Charles performs. The music man himself will appear on stage at the Rebecca Cohn Auditorium, Dalhousie Arts Centre, Monday, Oct. 24 for two shows at 7 and 9:30 p.m.

ON STAGE AT THE COHN: WHITE HEATHER. 8 p.m., Rebecca Cohn Auditorium, Dalhousie Arts Centre \$9/\$8, students and senior citizens \$8/\$7.

Top scottish entertainers present an evening of good music and plenty of fun for the entire family.

SOCER: Dalhousie vs University of New Brunswick, Studley Field. 2 p.m.

WOMEN'S VOLLEYBALL: High School Tournament, Dalplex 9 a.m., October 22-23.

CROSS COUNTRY: AUAA Championships, Point Pleasant Park.

OCTOBERFEST: Sponsored by the Dalhousie Alumni Association, \$10 per person includes entertainment with an Oktoberfest band, a German buffet and a free glass of brew. 9 p.m. to 1 a.m., Howe Hall.

INTERNATIONAL NIGHT: Featuring cultural dances and displays and international foods prepared by the various foreign student groups at Dalhousie. 7 p.m., McInnes Room, SUB. \$6. Sponsored by the ISA.

Sunday October 23

NOVA MUSIC: THE GLASS ORCHESTRA. 3 p.m., Sir James Dunn Theatre, Dalhousie Arts Centre. General admission \$5.

The Glass Orchestra is a unique sound and unusual experience, using a large variety of instruments made totally of glass. With musical glasses, bowls, gongs, percussion and "found" instruments, the ensemble creates a wide range of evocative sounds.

DALHOUSE FILM THEATRE: "Eating Raoul." 8 p.m., Rebecca Cohn Auditorium, Dalhousie Arts Centre. \$4, students and senior citizens \$3.50.

Monday October 24

FACULTY OF MEDICINE SHORT COURSE ON GERIATRICS: Dr. Colin Powell, head of the Department of Geriatric Medicine, St. Boniface Hospital, Winnipeg. The course is presented by the Division of Continuing Medical Education. October 24-25, Room 224, Dalhousie Student Union Building.

ON STAGE AT THE COHN: RAY CHARLES. 7 p.m. and 9:30 p.m., Rebecca Cohn Auditorium, Dalhousie Arts Centre. \$14/12.

AT THE GRADUATE HOUSE: Danielle Jean, Acadian entertainment. 8:30 p.m., members and their guests only.

Danielle Jean, Acadian chanteuse, composer and musician, will be filming segments of a one-hour ATV television show tonight at the Graduate House. Her repertoire will include songs in both French and English.

DALHOUSIE-KING'S READING CLUB: Audrey MacLean, "Extra help for parents at the Grace Maternity Hospital." 8 p.m., 6550 Waegwoltic Avenue.

ISA MOVIE SERIES: "Bye, Bye, Brazil." 8 p.m., McInnes Room, SUB. \$2.

Tuesday, October 25

ART GALLERY FILM: "The Hero as Artist." 12:30 noon, MacAloney Room 406, Dalhousie Arts Centre 8 p.m. in the Art Gallery. Admission free, all welcome.

CENTRE FOR AFRICAN STUDIES LUNCH-TIME SEMINAR SERIES: Brian Rowe, CUSO Field Officer, Zambia, "CUSO in East, Central and Southern Africa." 12:30-1:30 p.m., 1444 Seymour Street.

TRAVELOGUE FILMS: "Paris and the Seine," 8 p.m., Rebecca Cohn Auditorium, Dalhousie Arts Centre. \$4, students and senior citizens \$3.

THE MATURE STUDENTS' ASSOCIATION: an organization for people who have been out of school for awhile, meets every Tuesday in Room 316, SUB, 11:30-1:00 p.m. Bring your lunch.

MEN'S BASKETBALL: Alumni Exhibition, Dalplex, 8:30 p.m.

ISA NOONER: Highland dancers perform traditional Scottish folkore dancing in the lobby, SUB, 12 noon to 1 p.m.

Wednesday, October 26

INSTITUTE OF PUBLIC AFFAIRS LECTURE-DISCUSSION SERIES: Garth Sanford, Municipal Adviser, Advisory Services, Nova Scotia Department of Municipal Affairs, "The maze of provincial-municipal relations and regulations." 7:30 p.m., Hanson Centre, 1261 Seymour Street.

BIOLOGICAL OCEANOGRAPHY SEMINARS: A.E. Eknath, Dalhousie Oceanography department, "Domestication selection in Indian major carp culture." 4 p.m., Room 3852, Life Sciences Centre.

WOMEN'S VOLLEYBALL: Village Gate Exhibition, Dalplex, 8:30 p.m.

Thursday, October 27

CENTRE FOR AFRICAN STUDIES THURSDAY SEMINAR SERIES: Lagos Plan of Action Workshop organized by a Killam Post-Doctoral Fellow, Dr. David Luke. The workshop will include a range of papers by Centre members on health, finance, agriculture, dislour, aid, women, technology, etc. October 27/28.

EDUCATION DEPARTMENT SEMINAR: "Goal theory and goal-setting as it relates to needs assessments and minority groups." Dr. Keith Sullivan and Dr. Joseph Murphy, Education department, Dalhousie. 4 p.m., Room 120, Arts Department Annex.

Friday, October 28

INTERNATIONAL STUDENTS ASSOCIATION: Bus trip to Cape Breton, returning to Halifax on October 30.

SCHOOL OF LIBRARY SERIES FRIDAY LECTURE SERIES: Marion Spence, Librarian at Upper Canada College, "School librarianship." 3:30-4:45 p.m., MacMechan Auditorium.

FRIDAY AT FOUR: The Margaret & Norman Gosse Visiting Lectureship. Dr. David G. Nathan, Pediatrician in Chief, Dana-Farber Cancer Institute, Boston. "Management of the childhood leukemias." Lecture Theatre A, Sir Charles Tupper Medical Building.

Saturday, October 29

WOMEN'S BASKETBALL: 2nd Annual Casino Night. 8 p.m., Great Hall, Faculty Club. Black jack, prizes, \$5 admission. Open to all. Come out and support Tiger Women's basketball.

SWIMMING: Alumni Exhibition meet, Dalplex 4:30 p.m.

Sunday, October 30

DALHOUSIE FILM THEATRE: "Alien," 8 p.m., Rebecca Cohn Auditorium, Dalhousie Arts Centre. \$4, students and senior citizens \$3.50.

MUSIC DEPARTMENT CONCERT: William Valleau, 3 p.m., Rebecca Cohn Auditorium, Dalhousie Arts Centre. \$5, senior citizens \$4. Students admitted free.

Mr. Valleau will present a broad-ranging program with the assistance of violinist Daniel Juillet and pianist William Tritt. Works by Bach, Ravel, Granados and Mendelssohn will be featured.

Monday, October 31

PSYCHOLOGY DEPARTMENT COLLOQUIUM: "Visual development in human infants," Richard Aslin, Department of Psychology, University of Indiana. 3:30 p.m., Room 4258/63, Life Sciences Centre.

Tuesday, November 1

ART GALLERY FILM: "Protest and communication." 12:30 noon, MacAloney Room 406, Dalhousie Arts Centre, and 8 p.m. in the Art Gallery. Admission free, all welcome.

Wednesday, November 2

ON STAGE AT THE COHN: BBC WELCH SYMPHONY ORCHESTRA: 8 p.m., Rebecca Cohn Auditorium, Dalhousie Arts Centre. \$16.50/\$14.50, students and senior citizens \$14.50/\$12.50.

Dal students, staff, faculty and alumni will have first crack at tickets for Second City's (SCTV) popular touring company, which is performing at the Rebecca Cohn Auditorium on Nov. 18 and 19 at 8 p.m. Second City came to Canada in 1973 after gaining immense popularity in Chicago. Their touring company presents a new cast specializing in the improvisational comedy which made SCTV so famous. Tickets go on sale tomorrow for Dalhousians and on Saturday, Oct. 22, for the general public. Don't forget to bring an ID card.



Five Metro universities cooperate in academic, administrative areas

by Margaret Barnard

Co-operation among the universities in the Maritimes is essential for their mutual survival. That's a fact on which government officials and university administrators in this region agree.

In a speech to the Canadian Education Association meeting in Halifax last month, Nova Scotia Education Minister Terence R.B. Donahoe said that a recent study by the Council of Maritime Premiers had identified 40 areas in all levels of education where co-operation or partnering among the Maritime Provinces could and should be pursued.

For their part, five of the universities in Halifax-Dartmouth—Saint Mary's, Mount Saint Vincent, the Technical University of Nova Scotia, and the Nova Scotia College of Art and Design—have already established several forms of cooperation which they are actively pursuing.

With inflation nibbling away at education budgets year by year, they are finding that sharing certain courses, professors and facilities makes their shrinking education dollars go further.

Eroding education budgets, for example, have forced their university libraries to try to maintain good library service with dollars that buy less each year.

Since 1976 the cost of library books and other materials has tripled, while library budgets have increased only 25 per cent. Ronald Lewis, head librarian at Saint Mary's, says that they have come up with a formula that also with the present explosion of new knowledge is automation.

The Council of Metro Librarians, formed by the five Halifax universities, is working towards a single fully automated library system to handle everything from ordering and cataloguing to keeping circulation records. Lewis says that a full automated system is too expensive for a single library, but together the five libraries can afford it. In fact, in the long run automation will save money. Manual handling of the reams of new books required for new courses in the future, it is estimated, would demand five times the present library staff.

Dr. MacKay, president of Dalhousie, emphasizes that as a team several universities can be more successful in obtaining scientific research funds than each one could be separately. "There is no doubt in my mind that the co-operative approach is given more serious consideration," he says.

As an example, Dr. MacKay cites the experience of Dalhousie, TUNS and the Nova Scotia Research Foundation in establishing an applied microelectronics institute. The federal government is contributing \$200,000 a year for five years to the institute. Established in 1982, the institute now obtains up to 70 per cent of its revenues from the private research industry and from commercial companies, and it expects to be self-supporting by 1987, when the federal grant expires.

Dalhousie supported Saint Mary's in its bid for major equipment for its geology department, and scientists in the chemistry and the Atlantic physics at Dalhousie have been instrumental in helping Saint Mary's to a proposal for a nuclear magnetic resonance centre. "It's unlikely that a major grant would have come to us without the support of other scientists in the region," says Dr. MacKay.

Since 1975, Dalhousie has provided the host computer for the Nova Scotia Educational Computer Network, a consortium of the universities in the province, particularly for research computing. Ironically, financial support from government for the network has been terminated this year. But, says Dr. MacKay, Dalhousie and TUNS have agreed to share computer services and discussions with Saint Mary's and Mount Saint Vincent are under way to further share computer facilities and services.

Dr. Clair Callaghan, president of TUNS, says that sharing existing resources gives each university the advantage of using the specialist services of the other without transferring students.

"It's a major co-operative effort in terms of dollars. If we had to buy the equivalent from Dalhousie, it would cost us \$300,000 a year. To buy a VAX 780 computer would cost Dalhousie up to \$500,000," he says.

Joint purchasing of goods and services has enabled three of the Halifax universities to put their money to better use in academic programs.

Since Dalhousie, Saint Mary's and Mount Saint Vincent set up an office for centralized purchasing and services in September, 1981, they have saved a total of \$40,000—a savings which have been transferred to academic programs which constitute 80 per cent of university budgets.

"I can't think of a better way to save money and at the same time to spend better time," says Dr. Robert L. D'Amato, vice-president of finance and development.

The success of central purchasing in Halifax has prompted the Atlantic Association of Universities to negotiate agreements with manufacturers of computer equipment for discount on a province-wide scale, says Dr. Lester G. Jaeger, special assistant to the AAS executive director.

Taken together, the faculties of the three universities are able to offer students wider choices and stronger programs than could be given in one of these schools alone.

In engineering TUNS, which graduates engineers, collaborates with other Nova Scotia universities. Dalhousie and Saint Mary's have a joint program in the field of pre-engineering and send their students to TUNS for their engineering degrees. The staff at TUNS teaches at Dalhousie and Dalhousie professors teach at the Technical University.

TUNS co-operates with other Nova Scotian colleges offering courses in computer science. Students in the undergraduate courses at these universities enter TUNS for their final two years leading to a bachelor's degree in computing science with emphasis in engineering applications. Dalhousie offers a bachelor's degree in general computer science, as does Acadia. In general, integrated engineering and computer science makes up parts of both of the TUNS and the other universities' almost a combined operation, says Dr. Jaeger.

Students at the Nova Scotia College of Art and Design take their academic courses at other Halifax universities. The college teaches drawing to TUNS students and offers a minor in art history to Mount Saint Vincent.

For several years Dalhousie and the Mount have offered joint summer school programs. Saint Mary's has joined them in planning these courses to avoid duplication. In addition, the three universities offer a joint program of part-time studies in Dartmouth.

Campus co-operation among the universities has enabled them to increase the quality of their specializations. Dr. Margaret Fulton, president of Mount Saint Vincent, believes, And the universities do tend to specialize in complementary ways.

Examples: The Mount has a gerontology program, the only one in the Maritimes. Saint Mary's offers anthropology, Atlantic Canadian Studies and women's degree in astronomy. Experimental psychology is exclusive to Dalhousie, while the Mount's field is applied psychology. And TUNS the only university offering applied mathematics.

The Halifax universities are working together to generate further use of telecommunications and television in continuing education. An office of communications to develop educational broadcasting at the university

level has been proposed by the Atlantic Association of Universities.

The universities are also working through the AAU to develop a central admissions office for the universities as operated in Ontario and the United Kingdom. Time and money in submitting and processing applications for entrance to university.

Future co-operation could mean "possibly the development of new programs which individually we may not be able to offer but collectively we could," says Dr. Kenneth Ozmon, Saint Mary's president. One example is that a PhD program in business administration is sorely needed in Atlantic Canada.

"Co-operation means better quality of education, better choices and better use of resources."

Gary Kennedy, president of the Nova Scotia College of Art and Design, thinks there should be more co-operation among universities in future. "Students will take courses at NSCAD and get credit for them in their own schools. But we'll keep our identities."

Margaret Barnard is a freelance writer working in Halifax.

Terry Fox is Sophie's source of strength

Of the more than 400 scholarships awarded to undergraduate students at Dalhousie this year, one scholarship and one student special mention.

The student is 17-year-old Sophie Desseureult, of Dartmouth, who is in her first year of a Bachelor of Science program at Dal. She was one of 32 students from across Canada to be awarded the Terry Fox Humanitarian Scholarship.

Sophie was the youngest student in Canada to receive the scholarship but, after a conversation with Sophie, that fact does not seem surprising.

Sophie has had five serious operations on one leg since grade seven, leaving that leg partially paralyzed. But, although the operations required her to miss most of school at a time, they did not prevent her from leading her class year after year and eventually winning the Governor General's medal in grade 12.

Time was the biggest obstacle during those years, Sophie says. "Technically, I should have been in grade nine. I missed so much time." However, with the help of teachers and with as much work as possible done at home, she managed to keep up with her classmates.

Despite the time that operations, recovery, treatment programs and school study have consumed, Sophie has found time for volunteer work at the Children's Hospital. This past summer she worked for a week for the hospital's escort service and orthopaedic ward, playing and talking with the young patients. On her lunch, she tutored a patient in grade seven. As well, during the school term last year, she tutored grade 10 and 11 students in Math and Science at luncheon.

What has always been Sophie's biggest obstacle, Terry Fox has been one of her greatest strengths. She says that although Terry Fox was not yet well known when he came through Halifax on his 1980 run, she and her family knew him well. "He meant a lot more to me than to someone off the street," she explains.

The time when he began chemotherapy treatments at the same time she was having them. Ever since then, she says, "when I see a picture or a poster of him, I have to go over and look at it."

It was from looking at such a poster that Sophie found out about the scholarship program and applied.

Dalhousie-Halifax executive administrator of the Terry Fox Humanitarian Award Program, says that to qualify for the scholarship, Sophie had to meet a number of criteria. "The selection committee will consider the extent to which candidates demonstrate the highest ideals and qualities of citizenship and humanitarian service while in pursuit of excellence in their academic, amateur

sport, fitness, health, and volunteer community service endeavours," he explains in a letter.

The persistent pursuit of excellence in academic and athletic activities by candidates, while contributing to their community in voluntary service, particularly in the face of obstacles, is weighted heavily."

Not surprisingly, the committee selected Sophie. Her scholarship means that she has received \$3000 towards the cost of her university education. It is also renewable for four years or until she receives an undergraduate degree.

As she makes her way through her first year at Dalhousie, with Calculus, English, Biology, Chemistry and Latin to keep her busy, Sophie is looking forward to her future. Her next decision, she says, is whether to apply for Medical School next year or to complete an honours program first and then go to Medical School. What ever the choice, it will come as no surprise if she succeeds. SW



Sophie Desseureult

Volleyball

Continued from page 1

The matches get underway on Friday at 2 p.m. and continue until 10:30 p.m. On Saturday, games begin at 9 a.m. and 1 p.m., 4 p.m., with the junior highinals at 5 p.m., and high school finals at 8 p.m. The Dal Tigers men's and women's volleyball teams will also hold their annual intra-squad game on Saturday at 1 p.m. in the Dalplex. Tickets are \$2.50 for adults and \$1.50 for students. Weekend passes are available at \$4 and \$2.50.



DalUnited Way 83

Your participation is a community investment



The United Way flag is now flying on the Dalhousie campus, heralding the "campaign in progress." The flag was raised earlier this week by Alan Shaw, campaign chairman in Halifax, and Dr. W. Andrew MacKay, President of the university. A member of Dalhousie's security staff also helped in the proceedings. (Carlos photo)

Dal United Way campaign underway, goal is \$50,000

The pipes sounded clearly as Dalhousie's 1983 United Way campaign was officially launched earlier this week with a flag raising ceremony and a luncheon.

Over 200 people attended the luncheon, which was hosted by the Dalhousie Student Union and generously provided by Beaver Foods. Those in attendance included the university Brass Quintet, members of the cast of the Theatre department's current production, Canadian Gothic/American Modern, students John Petrie and Elizabeth Beeler, and Kenny Grove and Don Lake of the university's support staff, who played guitar and spoons. Student Rusty James emerged the show.

Dalhousie University has been chosen as one of the "big eight" in the city who last year

helped to contribute more than 25 per cent of the United Way's campaign total. Says Shaw, referring to Dalhousie's campaign aim of \$50,000, Mr. Shaw said, "I have every confidence that your generous support, and with your interest as shown here today, will reach your goal. There is no question that the agency case presented by the United Way need every penny of it."

Contributions to the United Way can be made in lump sums, or through the convenient payroll deduction plan. Ask your local canvasser for details or contact Dalhousie's campaign coordinator, Rosanne Heatherington, at 424-2554 or 424-5100. GW

Library staff quadruples UW participation

Staff at the Killam, Macdonald, Institute of Public Affairs and Kellogg libraries have exceeded their 1983 United Way goal of \$2500 by \$104, according to final campaign returns.

The contributions represent an increase of 1932 or 288 per cent over last year. Participation rate has also increased from nine per cent in 1982 to 37 per cent this year.

Library canvasser Barbara Norwood said she is very pleased with the increase in

support and with the assistance of canvassers. She indicated that employee information sessions and canvass planning and follow-up were major factors in the success of the campaign.

The libraries were first off the mark with their contributions to Dal United Way '83 due to the busy schedules in those offices in the fall. DB

Over 150 Dalhousians support UW as canvassers

With canvasser training sessions completed, 155 Dalhousie volunteers will soon be around the campus talking to staff and faculty about the United Way.

Rosanne Heatherington, who is on loan to Dalhousie from Maritime Tel and Tel during the campaign, has helped train these volunteers with 90 minutes of training sessions. In her role, she has been giving special emphasis to helping people feel comfortable with their role as canvassers. The aim is to teach canvassers to present their case so that potential donors may make an educated choice about participat-

ing in the campaign. She has also been giving canvassers information about the 40 human care services which the United Way helps to support.

While Ms. Heatherington is on loan to Dalhousie to help with the campaign, Dalhousie has also volunteered one of its staff members to the agency. Mary Koenig, a secretary in the office of the Dean of Arts and Science, is on loan to the United Way until Nov. 15. She is processing donations, handling accounts receivable and helping with general office work. DB



Rosanne Heatherington and Dal United Way '83 canvassers discuss fundamentals during a campaign training meeting. Ms. Heatherington is on loan to the United Way from Maritime Tel and Tel to help with canvasser training and employee information sessions. (Carlos photo)

\$s needed to send El Salvador books

If a member of Dalhousie's faculty gives a dollar to the El Salvador book campaign, the Dalhousie Student Union (DSU) will match that dollar in its contribution to the cause. And that's on top of the \$300 the Union has already pledged.

That's the promise Dr. John Kirk received earlier this week from DSU president, Dr. John Kirk. DSU is asking the university to match the campaign and throw as much support behind the campaign as the students have.

Dr. John Kirk already has as many books in the basement of the Spanish department house on Seymour St. as the University of El Salvador has in its medical library. Those books, over 1000 in all, are intended to be sent to the Salvadoran university as soon as the dollars are found to ship them. Shipping costs are about \$2 per book.

Dr. Kirk says is very pleased with the success of Dalhousie's book drive, which is part of a national effort by CAUT, WUSC and the International Development Office to put the University of El Salvador back on its feet and into operation. According to Dr. Kirk, the goal is to get the books to the university as soon as it can open its doors again as soon as it has enough books in its library to function.

The university was closed down by the military in 1980, and all the library's collec-

tion was sold or burned. Members of the El Salvador faculty have kept the university running in an underground manner, teaching in homes and offices across the country.

For more information on the university, or the book drive, contact Dr. John Kirk at 424-2343. GW

Speakers Bureau

Continued from page 2

Speakers Bureau continues to open for future growth as the school system. Teachers and resource persons to assist with classes, to serve as speakers during in-services and to act as representatives of various disciplines at career days.

The success of the Speakers' Bureau can be largely attributed to the co-operation offered by the Dalhousie faculty, sometimes on a voluntary basis, and other times for payment for more volunteer speakers. If you are willing to be a part of this service, please call the Public Relations office at 424-2517 and leave your name and topic. RG

Tiger Talk

NEW FACES IN TIGER RANKS

Dalhousie Tiger head coaches have announced new appointments to their coaching staff.

Tiger hockey head coach Peter Estdale will be assisted this season by John Kibyuk, a former AUAA All-Star and a three time Canadian MVP in last year's Soviet Olympic Games of Canada. Kibyuk boasts a record of leadership. He was a Tiger team captain and assistant captain from 1980 to 1983.

Tiger Men's and Women's Swimming head Coach Nigel Kemp has named Peter Webster as his assistant coach. Webster is another Dalhousie graduate. He swam with the Tigers from 1976 to 1978 and was named Male Swimmer of the Year in 1977-78 and being named Most Improved Male Swimmer in 1980. Webster is a former rowing coach and a present Dalhousie Masters swimmer.

Peter "Doc" Ryan, Tiger Men's Basketball coach, will have Jack Lucifer assisting him this season. Lucifer, a Lowell, Mass. native, is a former American semi pro basketball player. He has extensive Canadian and Nova Scotian coaching experience and now works in the mathematics department of Sackville High School. Jack will join Ken Seaward in the assistant coaching duties.

Women's Volleyball head coach Lois MacGregor will have Howard Jackson joining the Tiger team. Jackson, a Dalhousie graduate and coach for the Charlottetown School Girls' Volleyball Team, was assistant coach of the 1979 Nova Scotia Winter Games Team. Cindy Mare will also continue as assistant coach with Howard.

Carolyn Savoy, Tiger Women's Basketball head coach, has appointed former AUAA All-Star, Dalhousie M.V. Award Pendergast as her second in command. The well-known Pendergast was a 1982-83 Coach of the Year, a Canadian representative at the FISU games and a Canadian National Basketball Team player for two years.

Tiger Men's Volleyball head coach Al Scott has appointed Ken Bagwell as his assistant coach for the 1983-84 season. Bagwell has had extensive coaching and is currently head coach of the Nova Scotia Provincial Canada Games Boys' team for 1985, the Prince Andrew High School Boys' team on the Dartmouth Lancers.

Pam Taylor is the new Tiger Women's Field Hockey coach, coming joining head coach Nancy Tokary and co-assistant coach Susan Beasley. Taylor is a former Tiger MVP and captain and Nova Scotia Canada Games Team player. PG

TIGERS TO HOST CIAU BASKETBALL CHAMPIONSHIPS

The Dalhousie Tigers Men's Basketball Team and the university's Athletics and Recreational Services have been selected as hosts for the upcoming 1983-84 CIAU Men's Basketball Championships, to be held at the Metro Centre March 15 and 17, 1984. The championship game will take place on Saturday, March 17 at 3 p.m. and will be free admission.

The CIAU has adopted a new format for the tournament. The final four teams will be selected by a series of four CIAU regional finals, which will take place this year in Fredericton, Ottawa, Waterloo and Calgary. Each regional final will have four teams in competition. All conference winners will advance to the regional contests, while the remaining teams selected on the basis of national ratings. No team will travel more than two conferences away for the regional finals. The host conference will not receive a bye.

Tiger head coach Doc Ryan predicts a good turnout for the event, which saw a crowd of 11,000 the last time the tournament was held in Halifax.

"Basketball fans in this region are the best in the country, and they're sure to turn up to

cheer on the Nova Scotian schools," he said.

Ryan added that he likes the new format, despite the fact that it will be more difficult to make the finals.

"Having the finals in Halifax will be an incentive. It would be difficult for our players to watch from the sidelines," he said. PC

MCDONALD RESIGNS AS TIGER SOCCER COACH

Dalhousie Director of Athletics and Recreational Services, Ken Bellmire, has announced the resignation of Terry McDonald as head coach of the Tiger Men's Varsity Soccer Program.

McDonald had indicated differences in philosophical approach to the sport, saying he

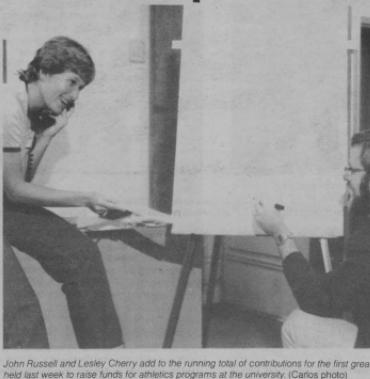
felt he could not continue. The announcement follows a three game suspension issued by the AUAA to McDonald for playing a player who was ineligible for playing.

Bellmire appointed Tony Martin, a former varsity soccer player at the College of Cape Breton and Acadia, as interim head coach.

Bellmire expressed regret at McDonald's decision and praised his contribution to the Tiger soccer program over several seasons.

"However, given the circumstances, we feel Terry's decision is the best course of action," he added. □

\$2500+ raised in athletics phonathon



John Russell and Lesley Cherry add to the running total of contributions for the first great Dal phonathon held last week to raise funds for athletics programs at the university. (Carlos photo)

Dal's varsity athletes spent three evenings on the telephone last week. But they didn't brag about success or claim their latest juggling techniques. Instead, they were calling former Dal varsity athletes in the area to ask for pledges.

The phone-a-ton raised over \$2500 for varsity athletics and, in particular, for equipment and program support. Alumni Affairs director Heather Sutherland declared the pilot project an unqualified success and said

it was a "first" for Dal as a co-operative aluminum can drive to raise funds.

More than 50 students volunteers attended training sessions given by the Alumni Affairs office before the canvassing.

Then, during three evening sessions, the callers developed a shift rotation to phone potential donors from offices in the Dalplex. They reached over 150 of a possible 327 former Dal athletes and, so far, have had donations from over 100. DB

Cut travel cost with CUTS

Travel CUTS is bigger and better than ever, both nationally and at Dalhousie, says manager Heather Crosby.

Nationally, CUTS (which was originally known as the Canadian University Travel Service Ltd.) has a network of travel offices across the country and a staff of 80. At Dalhousie, CUTS has two offices, one in the main lobby of the SUB and one at 1379 Seymour Street, which serves the needs of faculty and staff and handles group travel.

Dalhousie's CUTS now has four staff members, Ms. Crosby says, and is equipped with three reservations computers and automated ticketing. Travel services include handling of flights, hotels, car rentals, tours and cruises.

The autumn seat sales, which are currently being offered by the major Canadian

airlines, are available through CUTS as well. Ms. Crosby says the savings are considerable — up to 70 per cent of economy — but that people should be aware of the accompanying restrictions. Travel is limited to within North America between Oct. 27 and Dec. 15; 21-day advance booking is necessary and there is a 100 per cent cancellation penalty.

CUTS is also operating several private charters at Christmas which, she says, "are the least expensive for travel at that time. For Halifax, we've got a charter to Toronto leaving Dec. 22 and returning Jan. 2 at \$199 return plus \$15.90 tax. For people travelling other dates or to other places, we can book and charter class fares on all the air carriers. But people should book soon, seats are becoming limited already." SW

Sports Shorts

by Craig Munroe

HOCKEY

The Dalhousie Tigers Men's Hockey Team hosted its annual Lobster Pot Tournament last weekend and, as expected, the event produced some great action. The championship game was between St. FX and the semi-Tigers facing off against the defending AUAA and Lobster Pot Champions, the University of Moncton Blue Eagles. The game was a very close and physical one as the score was 2-1 for Moncton early in the third period. But the Blue Eagle exploded for four unanswered goals in the final frame to claim the title for the second consecutive year. The final score was 6-1.

In the consolation game, also played on Sunday, UPEI defeated St. FX by a score of 9-1.

The Tigers had advanced to the final by virtue of a 7-2 victory over the St. FX on Friday night, while Moncton defeated UPEI 5-3 in the other first round match-up on Saturday night. The games were played at the Dalhousie Memorial Arena.

FIELD HOCKEY

The Dalhousie Tigers Women's Field Hockey Team split a pair of games last weekend, defeating Acadia 5-1 on Friday in Wolfville, while dropping a close 1-0 decision to UNB at home on Saturday. Jeannette Peacock scored three goals in Friday's contest to lead the Tigers to victory. The Tigers will continue to play in the Eastern Division of the AUAA with Saint Mary's and Memorial Universities. The Tigers take on SMU this Wednesday (Oct. 19) at 4 p.m. in a key battle for the first place spot.

CROSS COUNTRY

The Dalhousie Tigers Cross Country Team won both the Men's and Women's Divisions of an AUAA meet held in Moncton last Saturday. Tim Prince placed first in the Men's Division for the Tigers as Dal captured the top seven spots. Jeanne Hoyt was the top Dal finisher in the Women's Division, placing second overall. It was the second consecutive year the AUAA championships this Saturday and Sunday are being hosted by Dalhousie. The racing will take place at Point Pleasant Park and according to the organizers, should produce some of the best competition in the Maritimes this year.

MEN'S VOLLEYBALL

Ex-Dal volleyball stars defended the present day Tigers 3-1 in the annual Alumni Men's Volleyball Match held at the Dalplex last Saturday afternoon. The Alumni Team featured National Team member Rod Walsh. According to Tiger coach Al Scott, that alumni team may be one of the best volleyball teams in the country.

Trividal

THIS WEEK'S QUESTIONS

Who was the original owner of the President's Residence?

What tragedy is associated with the staircase in the President's Residence?

ANSWERS TO LAST WEEK'S TRIVIAL

James Gordon MacGregor was the first Dalhousie graduate to return to the university to teach. In 1876, he was a lecturer in Natural Philosophy and, from 1879 to 1901, a professor of Mathematical and Experimental Physics. From Dal, he went to Scotland to teach at Edinburgh University.

Dalhousie graduate Jean Begg, B.Comm., '35, became the first woman bank manager in Canada.

From seed to sale, Biology's research projects spawn local oyster industry

by Susan Williams
and Roselle Green

There is a small European bivalve mollusc commonly known as a gourmet oyster which is having quite an effect on a number of people in Dalhousie's Biology department. Biology technician Graham Johnson is off to the international food show in Toronto this weekend showing his oysters. PhD candidate Cathy Enright is influencing international companies and appearing on CTV's *Live It Up* because of it, and biology professor Gary Newkirk is bringing visitors from as far away as Sri Lanka and Peru to the department for training courses on oyster technology.

The oysters have been found its way onto the menus of restaurants in Halifax and Toronto and into the homes of the people of St. Pierre and Miquelon, whose motherland, France, is the world's largest consumer of gourmet oysters.

What initiated this fame and glory for an oyster which is not even native to Nova Scotia? It was about 10 years ago, when it was used, with native oysters, in a rather unobtrusive project designed to increase oyster production by genetic selection and improved hatchery technology.

Interest in the European oyster stemmed from the fact that its cousin, the oyster which is native to the Maritimes, can only grow in the warm waters of the Bras D'Or lakes and along the southern shore of the Minas Strait of Canso to Lunenburg. The water is too cold and the salinity too high for the native, but not for the European oyster, Ms. Enright says. As a matter of fact, the European oyster grew so well in Nova Scotia that several researchers in Biology, and federal and provincial fisheries officials, started to concentrate on projects to improve its production.

With a number of projects centering around the oysters and the Dalhousie hatchery, and considering the fact that the European oyster also had market potential because of its stronger flavor (Mr. Johnson describes it as the caviar of the oyster trade), several members of the department decided to pursue the commercial aspects of the European oyster.

In 1980, Cathy Enright set up an oyster farm at Sambro Head.

She was not alone in the venture, either. Graham Johnson, who came to Dalhousie from Ontario to do an honours degree in Science, arrived at the same time as the oysters did. He became interested in the Biology department. He, too, became interested in the project and, by the time graduation day rolled around in 1981, was taking part in a study in oyster hatchery technology. He had also decided to join Ms. Enright and several other entrepreneurs and become a commercial oyster farmer.

The two, along with co-operators formed the Oyster Edulis Co-operative Association (oyster-edulis means edible oyster), as a way of supporting each other and developing a marketing system and standards. After four years of growing, their oysters reached market size this year.

The first step in the venture was to start its first "farm." So, with information gathered from colleagues in the Economics department and the Business School (Meli Cross in the Economics department has been working on the economic feasibility of the hatchery for an NSERC grant and, last year, students in the MBA program helped with the marketing), the structure as a class project began the business of doing business began. A brochure on the oyster was produced and Mr. Johnson was put in charge of marketing.

By summer, the oysters were being sold at O'Carroll's, the Clipper Cay and the Holiday Inn in Halifax, and a wholesaler in Toronto, Michael's Mussels, who was



Tasty looking aren't they? Restauranteurs in the city seem to think so. Sales of these gourmet European oysters, which are produced in Nova Scotia, are booming. The business has grown out of research projects conducted in the university's Biology department.

"thrilled" with the oysters, was selling them to restauranteurs in the city. The first ten were sold to Saint Pierre and Miquelon. Ms. Enright says she hopes this last sale will open the door to France, where more oysters are consumed than anywhere else in the world.

These sales obviously caught the media's attention. At first, it was only the local media, but then the national media got involved. Cathy Enright and Gary Newkirk, before long, however, the national media was interested, too. CTV recently taped an interview with Ms. Enright for *Live It Up*, which will be aired on Nov. 17, and an article on Michael's Mussels, in which the Oyster-Edulis Co-op oysters will also be featured, will appear in the January issue of *HomeMaker magazine*. This is the second time that the two have appeared in the same issue of the magazine, as well, following the International Food Show in Toronto, which incidentally attracts a crowd of 20,000.

Meanwhile, research into better, faster ways of growing bigger, tastier oysters continues in the Biology department. While the oysters begin in the basement of the Life Sciences Centre, where they are spawned in a hatchery, (it is actually one of two hatcheries in Nova Scotia, The other is owned by the provincial government.)

In this hatchery, tiny, swimming larvae, as small as the head of a pin, are raised on the water. Once they are large enough, they are brought placed in boxes to be left in the sea. It is essential that growers keep the mesh clean so that sea water can move freely in and out of the boxes. In the past, growers have resorted to scraping, brushing and even burning to keep the mesh clean.

Ms. Enright's solution was much simpler. She added a few bubbles to the boxes. The bubbles not only keep the boxes free of most plant life, but also do not harm either the oyster or the mesh.

This finding was so important that Ms. Enright recently presented a paper on it in Washington. She says that after she delivered the paper a man with a "huge" oyster farm in Ireland told her that he really had she sold a major breakthrough for him because the solution had been under his nose all along — his neighbors harvest periwinkles.

It is only a matter of weeks before the piece of shell is insignificant and the young oysters, which have grown significantly and are now about the size of a pea, are ready for sale. Dr. Newkirk explains that, at this point, most commercial hatcheries sell the juveniles to growers, who put them in the ocean to mature. But this method of growing involves several problems, the most important of which is that the oysters can only grow when the ocean temperature is warm enough and

Bonnie, from New Zealand and Sudie in this country, Dr. Newkirk says, "we try to give them the biology of the bivalve molluscs, the basics of the technology that would be appropriate for them to use and a little bit of a perspective on the marketing."

That little European oyster has done a lot for the Dalhousie Biology department, providing some of its members with valuable experience and, perhaps, some real-world practical applications. As Cathy Enright says, what pleases her most is that a project, which started at Dalhousie and involved one aspect of oyster technology, now involves the whole life cycle, from seed to sale, and is "almost like a community project." □

SSHRC

Continued from page 1

In a press release announcing the SSHRC visits, the council was just completing a discussion paper for a five-year plan, outlining what the Council sees as Canada's research needs in the human sciences and the role in meeting those needs. The funding through SSHRC can meet those needs, the president, Dr. William E. Taylor, Jr., said.

He added that while the Council spent \$55 million a year on grants and fellowships, its budget could not keep pace with the real needs, the rising numbers of applicants and increasing interest from agencies who need SSHRC funding.

"Until our council gets from government, the budget we get and the rationale for our spending plans is the abiding and legitimate concern of universities. We welcome the opportunity to hear those concerns, especially as they reflect the particular situations of researchers in the Atlantic provinces," said Dr. Taylor. DM

Academic Notes

The following awards are available to those eligible. For further information, call in person at the Award Office (AO), RM 124, A & A building, or at the Office of the Faculty of Graduate Studies (GOS), RM 314, A & A building, whichever is indicated.

Electro-Canada Award for Excellence. The Electro-Canada award was established as a scholarship prize for students presently pursuing a course of study suitable for entering marketing management in Canada's direct selling industry.

Successful applicants will be awarded a prize of \$1000 in the third or fourth year of an undergraduate degree program. Successful applicants will receive a \$1000 scholarship with the Electro-Canada sales organization will be offered a special incentive bonus. There is no deadline for applications. (AO)

Scholarships in Water Resources. The Canadian Water Resources Association is offering a \$500 scholarship for an undergraduate student and \$1000 for a graduate student whose program of study focus on water resources in Canada. Deadline for applications is Oct. 31. (AO) (GS)

Canada Council grants. The Canada Council offers a wide variety of grants for related projects.

Showcase funded cost and travel grants are available in arts administration, music (only for composers in classical music) and video. The deadline for applications is Nov. 1.

Film Production grants and short-term project cost and travel grants in multidisciplinary work and performance art are also available. The deadline for applications is Nov. 1.

Further information on these and other grants is available from the Canada Council's toll free number at 1-800-267-6282.

Graduate Awards for Women. The Canadian Federation of University Women offers a number of awards to female graduate students.

The Margaret McWilliams Pre-Docoral Fellowship is valued at \$5000 and is open to women who have completed at least one year of a doctoral program. The Professional Fellowship, worth \$3500, is directed to women in graduate programs at professional schools. The Margaret Dow Phillips Award, valued at \$600, is open to women studying in the humanities or social sciences, with special consideration given to those in Canadian history. The Alice E. Wilson Grants, are valued at \$600 each and have been established to assist women returning to do refreshers' work, specialized study or to retrain in new techniques available.

Deadline for all applications is Dec. 15. (GS)

NSERC Scholarship Program. The Natural Sciences and Engineering Research Council (NSERC) has announced a new scholarship program aimed at "scientists and engineers currently working in industry who wish to upgrade their R&D capabilities by enrolling in a program of studies at the masters' or doctoral level in a Canadian university."

The scholarships, called Industrial Post-graduate Scholarships, will be awarded for 12 months and may be renewed for a second term. The application deadline is Nov. 1. Applications will open again on April 1, 1984. (GS)

RESEARCH GRANTS AVAILABLE

The following grants are available to researchers. For further information, contact Christine Nielsen, Director of Research Services, Room 337, A & A building.

Energy, Mines and Resources. Research Agreements Program. Deadline: Nov. 15.

Fisheries and Oceans. Science Subvention Program. Deadline: Dec. 1.

Environment Canada. Deadline for the Water Resources Research Program is Dec. 3. For the Science Subvention Program — Atmospheric Services, the deadline is Dec. 31.

National Research Council. Research Associateships tenable in NRC labs. Deadline: Dec. 15.

NATO. Research fellowships to promote study and research leading to publication aspects of NATO. Deadline is Dec. 31.

NSERC LAUNCHES NEW SCHOLARSHIP PROGRAM

The Natural Sciences and Engineering Research Council (NSERC) has introduced a scholarship program to help industrial scientists and engineers upgrade their R&D capabilities by enrolling in a Canadian university program of studies. These Industrial Post-graduate Scholarships will be awarded for a renewable 12-month period, with a value based on matching contributions from NSERC and the company employing the candidate. Total contributions by NSERC — to a maximum of \$11,100, the value of a research NSERC post-graduate scholarship — and the company may not exceed the annual salary of the employee returning to graduate studies. Applications may be forwarded to NSERC from now to Nov. 1 and thereafter, from April 1 to Nov. 1 each year. The program's selection committee is composed of scientists, engineers and persons from industry and government sectors. For more information, contact Janice Danis, assistant director (scholarships), NSERC, Ottawa, K1A 0R6 (613-993-2454).

SSHRC \$5 FOR JOURNAL

The Canadian Journal of Regional Science, co-published by the Institute of Public Affairs (IPA) and l'Institut national de la recherche et de l'expansion économique du Québec, has been awarded a grant of \$4,930 by the Social Sciences and Humanities Research Council of Canada (SSHRC) to assist its publication in 1983.

The *Journal*, in its sixth year of publication, is edited by William J. Coffey of the Institute of Public Affairs and Mario Polessi of INRS-Urbain.

Financial support for the publication is also provided by INRS-Urbain and by the Department of Regional Economic Expansion. In addition, both publishers provide support "in kind," including the services of translators, editors and reviewers.

The *Journal* is distributed through IPA's Publications Unit to a worldwide list of scholars, libraries and institutions.

INSTITUTE ON ADVANCED RESEARCH ANNOUNCES FIRST PROGRAM

The Canadian Institute for Advanced Research has announced its first research program. The institute will undertake a major study on artificial intelligence, robotics and society.

The program will involve scientists based at three major Canadian universities: Toronto, UBC and McGill. The study will focus on the development of machines which can sense, think and act, and on the implications of such machines on society. For further information, contact the Institute at 434 University Avenue, Suite 502, Toronto, Ontario, M5G 1R6 (416-963-1380).

Mount, the Academy of Marketing Science, the Department of External Affairs, the Nova Scotia Department of Development and the World Trade and Convention Centre in Halifax.

Enquiries should be directed to Dr. Erdener Kaynak, Mount Saint Vincent University.

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Beyond Dalhousie

REAPPOINTED

Gordon M. MacNabb has been re-appointed as President of the Natural Sciences and Engineering Research Council (NSERC).

Since he was first appointed President of the Council, Dr. MacNabb has been awarded several honorary degrees from Canadian universities for his outstanding contributions to the support of university research and development in Canada. NSERC has not only maintained its role as the largest single funder of university research, but also has placed a high priority on fostering a closer research relationship between the university and business communities.

The objectives of NSERC are to assist in the promotion of basic research and to help qualified manpower in the natural sciences and engineering, to support excellence in research for the creation of new knowledge and to promote and support the development of research in selected fields of regional and national importance. As founding president of the Council, Dr. MacNabb has seen its budget rise from \$109 million in 1978/79 to over \$250 million in 1983/84.

JANET WARDLAW NAMED ACTING VICE-PRESIDENT, ACADEMIC AT GUELPH

Janet M. Wardlaw has been named acting Vice-president, Academic at Guelph University.

Prof. Wardlaw recently completed 13 years as Guelph's Dean of the College of Family and Consumer Studies. In that role, she planned and carried out a major transition in the teaching and research efforts of

that College. A nutritionist and professional dietitian, Prof. Wardlaw has been a member of the faculty since 1966. She previously served on the faculty of food science at the University of Toronto, with the Michigan Department of Health and with the Canadian University of Toronto. Prof. Wardlaw completed a Master's degree in food science at the University and a PhD degree at Pennsylvania State University. She is past-chairman of the Canadian Dietetic Association's Special Committee on Education and Internship and a former member of Guelph's Board of Governors.

PM NAMES SCIENCE ADVISOR

Prime Minister Pierre Trudeau has appointed Dr. Louis Berlinguet to the newly-created position of Chief Science Advisor to the federal government.

A release from the Office of the Prime Minister said Dr. Berlinguet will retain his duties as Secretary of the Ministry of State for Science and Technology.

WORLD MARKETING CONGRESS AT MSVU

Mount Saint Vincent University has been chosen to organize the first World Marketing Congress conference to be held outside the United States.

Dr. Erdener Kaynak, Chairman of the Mount's Business Administration Department, is chairman and proceedings editor for this year's conference, which will take place at the Hotel Nova Scotian from Nov. 3-5 with the theme, "Managing the International Marketing Function — Creative Challenges of the Eighties."

The conference will focus on strategy formulation and decision-making areas of international marketing in the world economy in general, and North American in particular, and will address the educational, training and policy-making aspects of international marketing.

Close to 200 participants are expected at the conference, which is sponsored by the



Dalhousie People



Linda Milrod (Georgakakos photo)

MILROD TO SASKATOON

Linda Milrod, Director of the Dalhousie Art Gallery, has been named the new Director/-curator of the Mendel Art Gallery in Saskatoon, Saskatchewan.

Mrs. Milrod has been Director of the Art Gallery since 1979. During her four years at Dalhousie, Ms. Milrod has developed the Gallery's program of contemporary Canadian art, and has overseen such significant historical exhibitions as *The Lost Craft of Ornamented Architecture*, *Arthur Lismer in Nova Scotia*, *1914-1918: Parades, Prints, Paintings and Drawings*. She has also guided the Gallery through a difficult period of threatened closure and severe budget restraints, and has raised its local and national profile.

Born in St. John, New Brunswick, Ms. Milrod holds a degree in Fine Art from the University of Bristol, England, and a degree in History at the University of London, England. Following an internship at the Art Gallery of Ontario, she was curatorial assistant at the Agnes Etherington Art Centre, Queen's University, in Kingston, Ontario.

Ms. Milrod will assume her new post at the Mendel Art Gallery on Jan. 2, 1984.

MARY ALICE KONCOVY

Mary Alice Koncovy, 23, a second year medical student at Dalhousie, died this summer in Sarnia, Ontario.

Born in Middlesex, N.S., she was a daughter of Josef and Audrey (Faulkner) Koncovy. Mrs. Koncovy was a member of the N.S. research committee in Bachelor of Science degree in microbiology with honors in immunology at Dal before entering Medical School. Donations may be made to the Dalhousie Medical Research Foundation.

MONK WINS WRITING COMPETITION

Dalhousie English professor Patricia Monk was a double winner in the Writers' Federation of Nova Scotia writing competition this year.

Dr. Monk took first place in the competition for poetry collections and second in the adult short poetry category. With her first in the poetry collections competition, she earns the Fiddlehead Poetry Book Prize and publication of her book *Random Transients* with New Brunswick's Fiddlehead Press.

BOYD AND AUE ELECTED FELLOWS

Dr. Walter A. Aue and Dr. Russell Boyd, of Dalhousie's Chemistry department, were among 21 chemistry, chemists and chemical engineers elected Fellows of the Chemical Institute of Canada.

Approximately 12 per cent of the institute's members are fellows. The honor is given each year in recognition of contributions to chemistry and chemical engineering in Canada.

Dr. Boyd was also recently elected to be a member of the executive for the institute's Atlantic section.

STUDENT WINS TROPHY

Second Lieutenant Eric MacMurdo, a fourth year student in Dalhousie's Faculty of Dentistry, was awarded the Third Phase Honour Candidate trophy for his achievements during summer training at the Canadian Armed Dental Service School in CFB Borden, Ont.

The trophy is awarded annually to the officer who achieves the highest standard of excellence in academic, professional and military endeavors during summer training.

Sec. Lt. MacMurdo is a native of Summerside, P.E.I.

YABSLEY TO MANITOBA

Reported by Dr. David Pilon, a member of Dalhousie's division of Orthopaedic Surgery, visited the University of Manitoba in September as the Zimmer C.O.A. Visiting Professor.

While in Manitoba, Dr. Yabsley delivered papers on the monitoring of compartment pressures in traumatised limbs, the changing nature of orthopaedic surgery and the increasing significance of day-patient surgery. He also conducted teaching sessions with resident training staff in the Faculty of Medicine's Orthopaedic program.

BELZER ADDRESSES TWO GROUPS

Dr. Ed Belzer, a professor with the department of Recreation and Health and Physical Education, will speak at a meeting of the PEI chapter of the Institute of Public Administration of Canada on Oct. 27 in Charlottetown.

Dr. Belzer has also been invited to speak to the Unitarian Universalist Church on Nov. 27 in Halifax. His talk is entitled "Recreational versus Puritanical Uses of Erososexual Potentials: Is a Synthesis Desirable? Possible?"

NURSING PROF IS PANELLIST

Barbara Keedy, a professor at the Dalhousie School of Nursing, will be a panellist at the Canadian Pension Conference, sponsored by the Atlantic Regional Council, on Nov. 3 at the Hotel Grand Chancellor in Fredericton.

The theme of the conference is *Counseling for Managers and Members: Topics will include pension investments; measurement of pension fund performance and the development of pre-retirement counselling programs (financial planning, social adjustments, health and safety).*

Prof. Keedy will take part in the panel discussion and workshop on pre-retirement counselling programs.

HOPKINS WINS JUNIOR SCIENTIST AWARD

Dr. David A. Hopkins, associate professor of anatomy at Dalhousie's Faculty of Medicine, is this year's winner of the Murray L. Barr Junior Scientist Award.

National prominence is bestowed by the award, which is sponsored by the J.B. Lipincott Company of Pennsylvania. It is presented annually by the Canadian Association of Anatomical Societies at meetings of the Canadian Federation of Biological Societies, held this year in Ottawa.

The recipient of the award is recognized for special merit and achievement in research in the field of anatomical science. Dr. Hopkins has published 26 papers in the fields of neuroanatomy and behavioural neurophysiology. He received early training at the University of Alberta, Edmonton, and has graduate degrees from McMaster University in Hamilton, Ontario.

For five years, he was an assistant professor in the department of anatomy at Erasmus University in The Netherlands. He joined Dalhousie's faculty in 1977 and currently holds an operating grant and a development grant from the Medical Research Council of Canada.

TWO WIN BRIMER PRIZE

Dalhousie Psychology students David Pilon, of Halifax, and Kelly Stanhope, of Salisbury, N.B., are this year's winners of the Psychology department's Brimer Prize.

The Brimer Prize is awarded to one or more students in psychology who have demonstrated outstanding potential as researchers in experimental psychology in their third year. The prizes were presented on Oct. 14.

GEORGE-ELECTED PRESIDENT

G.R. George, director of Employee and Insurance Benefits for Dalhousie, was elected president of the regional Nova Scotia chapter of the Risk and Insurance Management Society (RIMS) earlier this year.

The Nova Scotia group, which formed the 75th chapter in Canada, held its inaugural meeting in May. RIMS has 415 members across Canada.

LAW TEAM WINS SMITH SHIELD TROPHY

Congratulations go to Phil Saunders and Andrew Coombs, who carried off the Smith Shield trophy in the 1983 mooting competition at the University of Western Ontario.

The third year students argued their cases against two of their classmates — Do-Ellen Scriven and Penelope Tham.

The competition is a simulated exercise in which the students prepare a case and argue it before a full Bench. In this instance, the problem was based on a New Brunswick case involving John Edward Marston International Ltd. and the now defunct Brunswick Telephone Co. Ltd. The case was decided in favour of the Marston Company, represented by Coombs and Saunders.

The Smith Shield trophy was donated by law professor Sidney Smith, a former dean of the Law School who was also president of the University of Manitoba and the University of Toronto.

TASCHEREAU ATTENDS WORKSHOP

Pierre Taschereau, who is a research associate with the university's Institute for Resource and Environmental Studies, was at the University of Maine recently for a four-day workshop.

The theme of the workshop, *Natural Areas Protection*, fits in closely with Dr. Taschereau's expertise in ecological reserves. The sessions were sponsored by the Atlantic Centre for the Environment, a division of the Quebec-Labrador Foundation.

ATLEEE BIOGRAPHY PUBLISHED

A biography of H.B. Atlee M.D., professor of Obstetrics and Gynaecology at Dalhousie's School of Medicine for 35 years, was recently published by Lancelot Press of Dartmouth, N.S.

The biography was written by Harry Oxorn, who was a student of Atlee's and graduated from Dalhousie Medical School in 1945. Dr. Oxorn is now professor and chairman of the Obstetrics and Gynaecology department at the University of Ottawa and obstetrician and gynaecologist-in-chief of the Ottawa Civic Hospital. The book is available at local bookstores.

WOOD VISITS NORWAY

K. Scott Wood, a research professor with the Institute of Public Affairs, was in Norway recently to participate in the 12th Nordic Sociological Congress on Social Consequences of Technical Change.

Prof. Wood presented a paper at the conference entitled "An Approach to Social Impact Assessment: Recent Canadian East Coast Offshore Development Experience." While in Norway, he met with national research institutions which are concerned with the country's offshore oil and gas activity. He also participated in meetings on furthering the Program for Atlantic Cooperative Offshore Development (PACOD).

An Octoberfest Evening of Food and Festivities

hosted by the women's division of the Dalhousie Alumni on October 22 from 9 p.m. to 1 p.m. at Howe Hall, Dalhousie University. Tickets are \$10 per person and include an Octoberfest dinner, beer and music with an oom-pah band. All Dal Alumni, family, friends, faculty, students and staff are welcome. Proceeds will sponsor scholarships and future projects. Tickets are available at Barbara Ann House of Fashion, 6148 Quinpool Road (429-5658) and Dal Alumni Office (6250 South Street, 424-2071).

Notebook

ART EXHIBITION AT CLUB

The Dalhousie Faculty Club and Mary Brownless invite faculty and staff on campus to the opening of an art exhibition on Saturday, Oct. 22 from 2 to 4 p.m. in the dining room of the Faculty Club. Wine and cheese will be served.

ATTENTION BOOK WORMS

The Dalhousie Bookstore will hold its annual fall book sale beginning Oct. 24.

For approximately one week, the bookstore will be offering special prices on textbooks as well as on hard and soft cover general interest books.

ORCHESTRA PERFORMS MOZART FAVOURITE

The Dalhousie Chamber Orchestra will perform Mozart's popular favorite *Eine Kleine Nachtmusik* at their first concert of the season on Oct. 28 at 8 p.m. at St. Paul's Church on the Grand Parade.

The orchestra will play compositions by Dittersdorf and Hindemith under the direction of Philippe Djokic.

The concert is part of the Dal Music department's Town and Gown series, which will be continuing at St. Paul's throughout the year. Admission is free.

MORE ON MICMAC THANKS TO IPA PUBLICATION

A large body of information about population, employment, and educational patterns of the Micmac in Nova Scotia is contained in a research report recently published by the Institute of Public Affairs.

Author Fred Wien notes in his study, *Socioeconomic Characteristics of the Micmac in Nova Scotia*, that the data is presented in a "useable and understandable form" as a means for leaders in the Micmac community to take practical political steps toward assuming greater control over their own affairs." It does not include extensive analysis or make judgements or policy recommendations.

The study was undertaken by the Institute of Public Affairs in collaboration with members of the Popular Education Program and Education Liaison Office of the Union of Nova Scotia Indians. Dr. John Doucette, in a foreword to the report termed the document "a first step to a better understanding of the unique needs and aspirations of the Micmac people of Nova Scotia."

The report encompasses three major data sets: the demographic characteristics of the Micmac population; education, employment patterns; and educational statistics.

Research funding was provided by the Canada Council, Health & Welfare Canada, the Union of N.S. Indians, and Dalhousie University. A grant to support the publication of the report was made available by the Affirmative Action Program of the Canada Employment & Immigration Commission.

Classified

SUBSCRIBE TO DALHOUSIE REVIEW. Help Dalhousie — only \$10 for four issues. Call Helen German, local 2541. Christmas is coming.

ELEGANT FUR COAT. Blue mink with raccoon collar, size 8 petite, calf length. Excellent condition \$600 or best offer. Call 423-9071 after 5 p.m.

ATTENTION BOOK LOVERS! Dalhousie University Bookstore's annual fall book sale begins October 24. Don't miss this important event.

A BICYCLE BUILT FOR TWO. White Gitane tandem bicycle available with or without

LEARNING STYLE INVENTORY WORKSHOP OFFERED

Learning Resource Services (LRS) will offer a workshop entitled *Learning Style Inventory and Teaching Problem Solving* on Nov. 3 from 4 to 6 p.m. at LRS in the Kilam Library. Des Cormier, from Dalhousie's nursing department, will introduce Kolb's Learning Style Inventory and will discuss its potential applications in teaching. Further information is available from Patricia Morris at 424-2424.

PHANS CONFERENCE

The Public Health Association of Nova Scotia will host the 1983 conference of PHANS next week at the Holiday Inn in Halifax. The theme of the conference, which takes place from Oct. 24 and 25, is *Occupational and Environmental Health — Today's Priorities — Tomorrow's Prospectives*.

PHANS incorporates membership from all the health professions and strives to improve the health care system by its inter-disciplinary influence as a change agent. (Students and seniors will receive special rates for the conference.)

Among the speakers are Dr. Morton Corn, head of the division of Environmental Engineering at John Hopkins University, Dr. Marita Teller, manager of the Medical Affairs Service of the Canadian Bureau of Occupational Safety and Health, and Ella Macleod, RN, MS, director of the division of Nursing for the Health and Social Sciences department in PEI.

IMPROVE YOUR TIME MANAGEMENT

Dalhousie's Advanced Management Centre (AMC) and the Halifax Board of Trade are sponsoring a workshop on Time Management Nov. 7 and 8 at the AMC Seminar Lounge on Seymour St.

Special guest for the workshop is Harold Taylor, an international management speaker, writer and consultant. Further information is available from AMC at 424-2526.

THINKING ABOUT CHRISTMAS HOLIDAYS?

Because Christmas and New Year's both fall on Sunday this year, Friday, Dec. 2 and Friday, Dec. 30 will be offered as suitable holidays to Dalhousie employees. Boxing Day, of course, will be observed on Monday, Dec. 26.

SYMPHONY NOVA SCOTIA

FORMED

Nova Scotia has a new symphony. Brian Flemming, president of the Symphony Nova Scotia Society, recently announced the formation of a new symphony orchestra to be called Symphony Nova Scotia.

The new symphony, a successor to the Atlantic Symphony which suspended operations in September, 1982, will be conducted by Maestro Boris Brott of Hamilton, Ont.

"Kiddie Cranks" in back for child riders. \$500. Call 423-0741 after 5:30 pm.

You're invited... FASHION SHOW Sunday Oct. 23 at 1 pm at the Hotel Nova Scotian. Proceeds to Metro Group Homes.

A TRULY SACRIFICIAL SALE at \$11,000 —22' Fibreglass Sailing Sloop — easy — comfortable — safe — very trailerable (drop keel) — pop-top cabin — roomy cockpit — hood main and jib — 6 hp. Johnson outboard — cradle. See "An-

out" in St. Margaret's Bay at Hackett's Cove and call after 6 p.m. and weekends 823-2551.

CLINICAL TRAINEESHIP OFFERED

The Division of Continuing Medical Education at Dalhousie is offering clinical traineeship programs in a wide range of areas, including anaesthesia, internal medicine, obstetrics and gynaecology, family medicine and surgery.

The traineeship is described as a "learning experience individually designed to meet the physician's needs and provide him with the facilities, opportunities and advice to acquire new skills and competencies."

Minimum duration of the program is two weeks. Applications must be submitted at least six months before the proposed starting date. Further information is available from The Clinical Traineeship Co-ordinator at 424-2061.

AMERICAN? INTERESTED IN FOREIGN SERVICE?

A competitive written examination will be offered on Saturday, Dec. 3 to candidates for career appointments as Foreign Service Officers with the Department of State, Foreign Service Officers with the Consular Service, Department of Commerce and Foreign Service Information Officers with the U.S. International Communication Agency.

All tests for Atlantic Canadians will be administered on at the office of the Consulate General of the United States of America in Halifax.

Books containing an application form and further information may be obtained by writing the consulate at Suite 910, Cogswell Tower, Scotia Square, Halifax, N.S. B3J 3K1.

Danielle Jean on ATV



A Canadian chanteuse Danielle Jean will record segments of a one-hour TV television special in front of a live audience at the Graduate House, Monday, Oct. 24 from 8:30 p.m.

Danielle, an Arts student at Dalhousie, is well known throughout the Maritimes, and especially in Halifax, where her songs are aired on the French CBC Radio network and she appears regularly on "The French Connection" on CHFX Radio.

The management and staff of the Acadian restaurant Gabriel's, on the corner of Barrington and Morris, held a special place in the room and in their hearts for Danielle, who entertains there every Sunday afternoon from 1 to 6 p.m. Danielle returns the favour to her friends — the other half of her television show will be recorded in the restaurant this Sunday, Oct. 23.

Don't miss the dynamic "French songbird" at either of these locations.

SWEETS FOR YOUR SWEET. Fresh Nova Scotia liquid honey for sale. Non-pasteurized 2.25 kg \$3.39; 1 1/2 kg. See Gordon Steeves in Awards Office, 1st floor, A & A Building during office hours. No phone calls please (and no credit!)

"THE PLAY'S THE THING," Contact Blanche Potter, 424-2233, for DAL Contact Productions Ticket Subscriptions. Only \$20 for four shows.

3-PERSON SOFA for sale. Beige cotton fabric, foam-filled, modern design, excellent state. Can be converted into a double bed. Price \$250. Please call Beatrice or Philippe Tanguay at 445-5215.

ODYSSEY II TV GAME & three cartridges for sale. 429-4016 evenings & weekends.

If you have something to sell or rent, or if you want to buy something, this space is reserved for you. *Dal News* will list your classified ads free of charge. Just send in your submission (please type where possible), with a request for how long you would like it to run (we'll try to run it for as long as possible, space permitting) to Classified, *Dal News*, Public Relations Office, Dalhousie University, Halifax, N.S. B3J 3J5. Please include a phone number, which will only be published on request. Sorry, no phone submissions accepted.