



On a warm Wednesday afternoon 550 Dalhousians participated in the walk for Dalhousie as part of National Physical Activity Week. Halifax came third in the country with 42 per cent participation, but we lost to St. John's, Nfld., who came second with 46 per cent. (Carlos photo)

BUDGET EDITION ON THE WAY

A special edition of *Dal News*, to be published before the end of June, will provide comprehensive coverage of the 1985-86 budget report of the University Budget Advisory Committee.

The edition will include full details of the 1985-86 budget and reports on how the various cost centres will cope with cuts to their budgets.

At its May meeting the Board of Governors approved a report from its finance and budget committee that showed a balanced budget had almost been achieved.

Bank of Nova Scotia pledges \$700,000 to Campaign

The Bank of Nova Scotia boosted the Campaign for Dalhousie with a \$700,000 contribution, the largest corporate donation ever made to the university.

The gift brought the campaign halfway to its \$35-million goal in just seven months.

President W. Andrew MacKay announced the bank's donation at a recent gathering of 400 alumni at the World Trade and Convention Centre.

The gift will support two programs in the School of Business Administration. "Five hundred thousand dollars will go to support the establishment of (the school's new computer-based) curriculum and to place students in a setting which will ensure they can make the greatest contribution to the world of business and industry in the information age," MacKay said. The balance of the gift, \$200,000 will be used to fund a program for Scotiabank scholars.

Two outstanding scholars entering the MBA program, particularly those with an interest in international business, finance or trade, may qualify for a scholarship worth \$10,000 a year and may have the option of working with the bank in summer months.

Gifts and pledges raised to date, MacKay said, bring the campaign total to \$17.3 million — just over half the \$35 million target.

Gordon Archibald, chairman of Dal's board of governors, said the support for the Campaign for Dalhousie was "very inspiring, very exciting." He challenged Halifax alumni to raise \$1 million for the campaign, and offered encouragement. Members of the board of Governors contributed \$490,000 to the campaign — an average of \$10,000 each.

In an address to alumni, MacKay said everyone could take pride in the immense changes that had taken place at Dalhousie in the past 15 years — "but I believe the changes we face now are of a quality and substance unknown in the recent past."

"We are now . . . in the era of the revolution based on knowledge and information, and its application. The sil-

icon chip has revolutionized man's abilities to manipulate information — the world of the computer, the robot, of sophisticated telecommunications and artificial intelligence, has dawned and we are a part of it. It will change our lives in ways we can only dimly perceive.

"But we are already aware that it has made the whole planet simultaneously much more inter-dependent and competitive.

"Science and technology, and their applications, hold great promise and considerable dangers for us all. They will affect the way we live and work and take our leisure. They are likely to affect even our concepts of work and leisure, and our standards and expectations for living.

"We are in this revolution . . . we shall be caught by it or, if we are sensible enough, we shall be caught up in the excitement of it, contribute to it and make the most of it for our children, and our children's children."

MacKay said he believed the key to our ability to swim with the current of change depended largely on the quality of higher education and research.

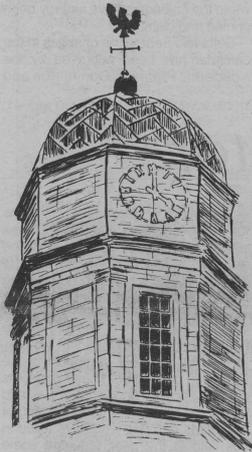
"We can contribute to the revolutionary changes now under way and we can adapt developments from elsewhere in the world to our own circumstances. Or we can drift to a backwater, content to let the rest of the world go by. The ablest and brightest of our young people who would be part of tomorrow's world will leave for more exciting climes. I believe the people of Nova Scotia and of Atlantic Canada would now wish to take the high road, to move closer to the competitive edge of the world in which we live."

In order to rank with the leaders in Canada and abroad, Dalhousie needed the resources essential for the information age — "and if we have those resources, what may Dalhousie be by the year 2000?"

MacKay predicted:

- More students, but fewer would be full-time undergraduates in residence;

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SENATE MEETING MAY 27

Budget constraints force layoffs

Robbie Shaw, vice-president (finance and development) announced the lay-off of 20 non-academic employees at the May 27 meeting of Senate.

"Another 10 to 15 will be moved around," he said. Some academic staff not protected by a collective agreement would also be laid off, he added.

(At press time *Dal News* learned that although 20 non-academic positions would be eliminated, attrition and "bumping" would result in fewer actual lay-offs.

Val Traversey, co-ordinator of operations in the President's office, said it was hoped that through attrition and redeployment within the university only 10 non-academic staff would be released.)

Shaw also reported on the progress of the budget process. The University Budget Advisory Committee (UBAC) will produce a long and analytical document in a couple of weeks in which a "number of issues of policy and procedure will be addressed."

UBAC, he said, should provide a broader perspective to the budget pro-

cess. "From the view of the president's office, the broader perspective brought to the process was very valuable."

Some problems cropped up, he said, because some of the submitted budgets did not meet UBAC guidelines and had to be redone. Negotiations between these departments or faculties, the budget office and the president's office resulted in reworked budgets known as "preliminary" budgets, but a \$640,000 deficit remained at that point.

The "preliminary" budgets were then submitted to the Board of Governors for approval, but, Shaw said, the board insisted on a balanced budget for 1985-86, "due to the \$10 million accumulated deficit."

A zero-deficit budget "will be a difficult target to meet, but those are our marching orders," Shaw explained to Senate members.

In the Faculty of Management Studies, for instance, "ninety-nine per cent of the net budget is salaries." In Dentistry, a planned-for deficit of \$311,000 for

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BUDGET CONSTRAINTS FORCE LAYOFFS

(continued from page 1)

1985-86 will be cut to zero. "This will require a fundamental restructuring of the school and its curriculum."

Senate also heard a report from the Physical Planning Committee concerning the move of the department of biomathematics from a house on Robie St. to the Tupper building. (See also report of Senate's mid-May meeting elsewhere in this issue.)

Dr. Allan Cohen of the PPC read the committee's report to Senate which noted that the relocation of biomathematics into the Tupper building resulted from a series of moves involving other departments. The department of mathematics, statistics and computing science is moving to the Old Archives building which will result in the move of the Development Office to the space occupied by the Institute of Resource and Environmental Studies. IRES will in turn move to 1338 Robie St., the house where biomathematics "currently enjoys rather generous space." (IRES will pay rent for this house, whereas biomathematics, as a Dalhousie department, does not.) This series of moves calls for biomathematics to relocate into the Tupper building with the Department of physiology and biophysics.

Dr. Robert Rosen, of biomathematics, commented that there were "many irregularities" concerning the move and it "was clear that it had been planned in advance."

Senate chairman Bill Jones thanked the PPC for reporting quickly to Senate and said "the conclusion of the report is that the new location will meet the academic requirements of the department (of biomathematics)."

Senate also discussed a letter from Dr. Philip Welch, chairman of the Financial Planning Committee, concerning the agreement between the university and the Student Union on tuition increases but the matter was deferred until a later meeting.

Changes in wording in the academic calendar came under fire during the meeting when Donald Betts, Dean of Arts and Science, presented it for approval.

Economics professor Paul Huber asked why Senate's approval of the wording is only now being asked for when the calendars have already been printed and distributed.

Betts told Senate the changes to the calendar had been approved by the Academic Planning Committee and

discussed at length with department heads and deans. The matter was deferred for further study.

David Braybrooke, of the philosophy department, questioned the Bank of Nova Scotia's \$700,000 donation to the Campaign. He asked who decided that the money would go to the School of Business.

Robbie Shaw said the bank "clearly designated" where the money would go. Alasdair Sinclair, vice-president

(academic and research), said the university tried to discourage designated gifts, but added that some companies want to support a certain item on the campaign's list of priorities. Shaw added that the School of Business was on that list of priorities.

A PhD program in French came up for approval at Senate but a decision was deferred until further study could be made concerning program funding. — Stuart Watson

BANK OF NOVA SCOTIA PLEDGES \$700,000 TO CAMPAIGN

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• More part-time students, many of them older, using leisure time or seeking qualifications for new careers;

• More full and part-time students studying away from the campus, in their homes or work places, using sophisticated telecommunications equipment, video cassettes, TV and computer inter-connections all designed to provide learning at a distance;

• A very large role for computer assisted instruction even for full-time students on campus, in the sciences, business, medicine, the health professions and law;

• More direct relationships — sometimes through communications systems — would be established between faculty and students.

"Many of these portents underlie the reorganization of continuing education now under way at Dalhousie, all with a view to better co-ordination in the programs we offer for credit and non-credit study, through regular departments, the Institute of Public Affairs and continuing education in the professional schools.

"The way we learn will have a new emphasis — and research and guidance in the ways of learning will be even more significant for undergraduate, professional and graduate students than is the case today."

Mackay said research would also be important — in all disciplines — and increased emphasis on the application of research would lead to new and important relationships with business and industry, with the professions and with government.

Access to information would be increasingly important and Dalhousie's libraries would serve the entire community.

"With all the emphasis on science and technology, it is essential that we complete our base of primary facilities — for Dalhousie that means mainly the fields of chemistry and the earth sciences, especially geology. Yet we will have to do as much to ensure through our work in the social sciences, the arts and humanities, and professional programs, that the effects of technology serve our society well — not badly."

To the editor:

TACKLE THE PROBLEMS OBJECTIVELY

Two letters have sharply criticized my comments on the article "Women's Health Care Needs Ignored." I thought I had expressed myself clearly in my earlier letter, but apparently I was singularly unsuccessful. Both critics have attributed to me views that I have never held, and have suggested that I am opposed to improving the health services for women in Canada. I am, as I have always been, an active supporter of improved health care for the whole Canadian population, women, men and children. By "health care, I mean the promotion of health and prevention of disease, not, as suggested by one of the critics, simply disease-oriented treatment and hospital services.

There is no doubt that the present medical and hospital insurance system of Canada has paid inadequate attention to the promotion of health and the prevention of disease. True health services have been inadequately supported and, as one of the critics stated, we have in large degree, a disease-oriented government-financed program, which is erroneously called "a health services system." I have actively participated in bringing this defect to the attention of several government commissions in recent months.

My objection to the original article was, and still is, that it falsifies history. The writer stated that the nursing and medical professions had ignored women's health needs. This is historically inaccurate, to say the least. By inference, it criticizes some of the outstanding leaders in Public Health Nursing in Nova Scotia, including the founder of the School of Nursing, Miss Electa MacLennan, also Miss Phyllis Lyttle, the Director of Public Health Nursing for the Province of Nova Scotia, to mention only two leaders in health care. It neglects the fact that the Department of Obstetrics of Dalhousie Medical School led the nation in its

development of preventive programs for women, and the medical staff was well supported by a highly qualified group of senior nurses. Members of both professions have an outstanding record, and a relatively successful one.

Of course, there are still many problems to be solved in the preventive health services for Canadian women, as well as for other segments of the Canadian population. These problems can be tackled on an objective and sound basis without a total belittling of the efforts of those who have toiled in this field in the past. I quoted some examples of success due to preventive methods. Cancer of the cervix was one, and this success was largely due to improved prevention, not the treatment of the disease, as one critic suggested.

The chances of success in the future for greater emphasis on "wellness" may depend, I suspect, on close and well reasoned approaches to the public and governments by the major health professions, medicine, nursing, dentistry and pharmacy. Unjustified criticism of the other professions and belittling of the well-known successes of the past are not likely to convince anyone of the need for greater emphasis on the promotion of health and the prevention of disease, either for women or for any other group within the Canadian population.

Chester B. Stewart, M.D.
Professor Emeritus of Epidemiology

AN APOLOGY

Dal News apologizes to Dr. Richard L. de C.H. Saunders, former head of the Anatomy Department, who is alive and well and living in retirement in Jeddore.

In the convocation issue of the paper, he was referred to as "the late Dr. Saunders." Regrettably, the writer of the report about the university mace, which was designed by Dr. Saunders in 1950, assumed Dr. Saunders merited the "late" because his biographical folder was in the PR Office's "past faculty" file.

DAL DEBATERS IN CANADA/US COMPETITION

The Dalhousie student debating team is one of 26 Canadian and American teams competing in a series of debates on Canada-U.S. related issues.

The series will be broadcast on CBC-TV and PBS in the fall.

The Dal team will debate Northwestern University of Chicago, Ill., on the question: Resolved — Canada's education system is more effective than that of the U.S.

Other matches include Concordia vs. Dartmouth (Hanover, NH), Queen's University vs. Harvard, Memorial University vs. the University of Arizona and Victoria University vs. the University of Southern California, Long Beach, CA.

The series is being produced by an independent Montreal television producer working with the South Carolina-based Southern Educational Communications Authority (a PBS affiliate) and Ottawa CBC station CBOT.

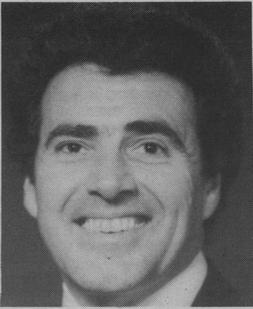
Dal News

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Murray named medical school dean



Dr. T.J. Murray has been appointed the new dean of medicine, effective August 1.

Murray, professor of medicine, a neurologist, director of the multiple sclerosis unit at Dalhousie University and a medical historian, succeeds Dr. J. Donald Hatcher, who's served as dean since 1976.

Dalhousie President Andrew MacKay said that Murray's appointment was recommended after widespread consultation within the medical school and with representatives of the teaching hospitals with which Dalhousie is affiliated. "I am very pleased that Dr. Murray is prepared to assume the responsibility of providing leadership to the school," he said.

Born in Halifax, Murray received his early education at Piclou Academy. He took his pre-medical training at St. Francis Xavier University and obtained his MD at Dalhousie in 1963.

After two years in general practice in Nashwaaksis, N.B., he returned to Dalhousie for post-graduate work in internal medicine and neurology. Then, as a Commonwealth Scholar, he studied at the Institute of Neurology in London, England. From 1968 to 1969 he was a resident in neurology at Toronto General and St. Michael's hospitals in Toronto.

In 1969, the year he joined the faculty at Dalhousie as a lecturer in medicine, he was appointed a fellow in neurology at the Victoria General Hospital, Halifax. In 1972 he was promoted to assistant professor and also appointed consultant in neurology to the Victoria General, Camp Hill and Grace Maternity hospitals and the Nova Scotia Rehabilitation Centre, and director of the Neurological Service at Camp Hill. Two years later he became associate professor, then professor of medicine.

In addition to his major appointments as professor of medicine and head of the division of neurology at Dalhousie, Murray is director of the Royal College program in neurology, an associate professor in the Faculty of Health Professions and in the Department of Family Practice, director of Dalhousie's multiple sclerosis research unit, an honorary professor of the School of Physiotherapy and an honorary consultant to the London Hospital in London, England.

He is a Fellow of the Royal College of Physicians and Surgeons (Canada), the American College of Physicians and the Royal Society of Medicine (London), and vice-president of the American Academy of Neurology. He is also a member and past-president of the Canadian Neurological Association, and is a governor-elect of the American College of Physicians. He is a former member of the Board of Governors of St. Francis Xavier University.

Murray has published more than 100 papers and, as author or co-author, five textbooks. His research has covered such topics as sleep disorders, stuttering, internal medicine, multiple sclerosis, amyotrophic lateral sclerosis, migraine, the essential tremor, carbon monoxide poisoning, boxing, and neurological education. A former boxer, Murray would like to see the sport banned.

Nearly \$900,000 in research grants from government, private and medical agencies has been awarded in the past 11 years for projects at Dalhousie in which Murray, individually and with other scientists, has been involved.

As both a neurologist and a medical historian — Murray founded the Society for the History of Medicine at Dalhousie and is its president — he has spent some of his spare time in the British Museum and elsewhere researching the medical histories and ailments of such notables as Dr. Samuel Johnson (his abnormal movements), Lewis Carroll and Alice (in Wonderland — their neurology), Thomas Jefferson (his headaches) and Chaucer.

Murray lists his non-academic interests as medical history, marathon running, kayaking, carpentry, photography, piano and theatre.

He is married to the former Janet Potte, of Halifax, who has served as chairperson of the Board of Governors of Mount Saint Vincent University. The Murray's have two sons and two daughters, Bruce, a professional musician in Halifax; Brian, who has just finished first-year arts at Mount Saint Vincent University; Suellen, in the third year of the Bachelor of Public Relations program at Mount Saint Vincent; and Shannon, who graduated with her BA from Dalhousie and is taking her PhD in English literature at the University of Alberta.

What's ahead for med school

What lies ahead for Dal's new Dean of Medicine, Dr. T.J. (Jock) Murray?

Dal News asked him at the end of April during a brief stop on campus to accept the deanship. He had made the trip from London, where he is on sabbatical leave, before heading to a conference in Dallas en route to London.

"It is crucial that the medical school grow, despite the financial restraints. Just as medicine must advance, so must the medical school. We have to be more creative," he said.

He hopes to lead the medical school in a number of new directions.

One is to foster research. "Dr. Hatcher (the retiring dean) has developed a tremendous atmosphere for research. That must continue to develop."

Another is improvements where possible in the curriculum for medical students. "When a new curriculum was developed in 1968, it was exciting. But that was some time ago and the time is now ripe for us to reassess it and perhaps do some things in different ways."

Murray also wants to develop an even better relationship with the teaching hospitals with which Dalhousie is affiliated. "We have to learn to work together even more closely than we have been, in order to do what we want to do."

"The hospitals today have very strong and well-trained administrations. We must grow and develop along with them. By co-operating, we can only gain. So if we — the medical school, the hospitals and the other segments in health care and education — can co-operate more, we will be able to present a united front. I feel very positive about being able to do this."

Another aspect in Murray's mind is the development of better working relationships with doctors in the community.

He also believes the medical school is critical to the Maritimes, "so we have to develop appropriate relationships with the Maritime provinces for health care and medical education."

Tim Shaw criticizes paternalism towards Ethiopia

With all the international attention on famine-plagued Ethiopia donors sometimes forget that the Ethiopians are still in control, says Dal's Dr. Tim Shaw who's just returned from a trip to the Horn of Africa.

Shaw, director of the Centre for African Studies, is critical of the paternalistic attitude of some donors towards Ethiopia. The British pop artists' song *Do They Know It's Christmas* stands out "as an exemplar of what to avoid. It's important for us to realize that it is an incredibly old civilization and one of the first Christian countries," he says. After the last famine about a decade ago, the current government set up the Ethiopian Relief and Rehabilitation Commission (RRC), which operates its own storage facilities and trucks. "All we can do is supplement their efforts. We don't replace them." But some of the evangelical donors in Ethiopia assume that "if you are Communist and African you need all the help you can get."

In Addis Ababa, Ethiopia's capital, Shaw attended a meeting of donor countries and non-government agencies and the RRC. The RRC said Ethio-

pia — a country with an annual per capita income of \$140 — had instituted food and gas rationing, forbidding any Sunday driving. All income-earning Ethiopians now support famine relief with 12 per cent of their incomes. "Ethiopia is doing all sorts of things about this drought."

But the internal wars the Ethiopian army is fighting drain the country's meagre resources. Both the Ethiopian government and some donors use food as a weapon. "The Americans are using it as a strategy. They're providing huge amounts of food to the Eritreans." The Ethiopian government makes sure its army is well fed.

Ethiopia needs long-term help. Shaw wonders if Canada "can move beyond emergency airlifts and celebrity galas to the long-term drudgery of helping Ethiopia, and other drought-affected African states, achieve enough economic viability, infra-structural integrity and food security to prevent future droughts — which are inevitable — from becoming famines, which are not."

He's not happy with the interim report,

produced by David MacDonald, Canada's emergency co-ordinator of the African famine. Instead of proposing longer-term development measures, Shaw says, it calls for more "show biz": block-booking air-line flights; chartering a food ship and establishing African emergency information centres for the media.

In Ethiopia, the famine has affected about one-quarter of the population of about 33 million. But in cities like Ababa, Shaw says, there are few signs of the famine, except for the orange licence plates of the relief trucks. People still drink their "great coffee" and eat pasta — legacies from the Italians. The country, which Shaw calls "incredibly sophisticated," even produces its own wines and beers.

At Addis Ababa University, the well-established national university founded largely through the efforts of Canadian Jesuits, scholars have forged links with Dal's Centre for African Studies. "Scholars for Famine Relief" are involved in relief and research. They are helping the large number of orphans that the famine has created and are working on

development education in such topics as land reform and agriculture. For its part, Dal's centre is producing a book of readings on the history, culture and politics of Ethiopia for which it hopes to find a sponsor. "There's a dearth of information," Shaw says. Proceeds from the book will go to the scholars.

Canadian professor Claude Sumner, who is teaching at the university in Addis Ababa, has written *Classical Ethiopian Philosophy* in support of the scholars, and the Canadian ambassador there has bought 100 copies.

While in Addis Ababa, Shaw met with some of the participants of the second African economic summit to be staged by the UN Economic Commission for Africa there in July. At the first summit five years ago, African leaders produced the "Lagos Plan of Action," a policy document calling for self-reliance and self-sustainment to deal with the global economic crises. The upcoming summit will review and revise the plan. "Africa has always done a lot for itself," Shaw says. "Africa is doing something about its problems."

SENATE MEETING MAY 13

Pending move upsets physiology and biophysics

Members of Senate seemed shocked when they learned at a mid-May Senate meeting that the department of physiology and biophysics would have to vacate its premises on Robie Street at the end of the month, and that no one on Senate knew anything about it.

Dr. Robert Rosen, of physiology and biophysics, told Senate that the department would lose the building by May 31, and that the locks would be changed.

Although Dr. David Cameron, of the political science department, said that Senate wasn't the appropriate forum to discuss the subject, Rosen replied that the department had "no alternative but to bring this matter before Senate. There's absolutely no lead time."

The impending move has upset department members.

"There's no physical grounds for it," he said. "It's an irregular and improper thing to do." He called the decision an overriding of academic planning.

Dr. Alan Andrews, of the theatre department, called it "extraordinary" that neither Dr. Bill Jones, who chairs Senate, nor Dr. Judith Ritchie, who chairs the Senate physical planning committee, knew about the problem.

But Dr. Donald Hatcher, Dean of Medicine, said that alternate space had been found a week and a half ago, but it wasn't 1,300 sq. ft. as their current space was. About a month ago, Hatcher said, he had tried to discuss the relocation with the parties involved.

A majority of Senate members called for a moratorium on the relocation and referred the matter to the physical planning committee which would then pass it to the academic planning committee.

In presenting the physical planning committee's annual report, Ritchie explained that the university expected \$5 million to \$6 million to be designated for building from the Campaign for Dalhousie plus the \$10 million provincial

government contribution. But the total budget for major projects under consideration was about \$20 million, excluding \$2.7 million for deferred maintenance, nearly \$1 million for smaller projects for academic units and the \$500,000 for student housing.

The building plans, Hitchie said, included "several unknowns" such as whether any of the \$10 million government contribution could be used for renovations or repairs.

In terms of the major building projects which include, in order, the chemistry building, mathematics, statistics and computer science, continuing education, law, business administration and the centre for marine geology, Ritchie said "money will run out through the renovations of law."

With the tight building budget, Ritchie said she didn't know the impact of some of the smaller building projects.

Dr. Marcia Ozier, of the psychology department, asked if Ritchie could be more clear on the plans for student housing. It struck her, she said, that in Premier John Buchanan's speech at the kick-off of the Campaign for Dalhousie, there was a "close tie between the \$10 million and student housing."

The problem arises, Ritchie said, because the \$10 million which is coming from the Universities Assistance Act specifically excludes housing.

"Both the minister of education and the premier consider housing to be a top priority," said Vice-president Robbie Shaw. "Students feel it's a high priority."

The province, Shaw said, has consistently said it knows it can't supply it (the funds) from the assistance act. The federal government doesn't have any funds for student housing.

When asked if anything would be done about the student-housing problem by fall, Shaw replied, "We hope to be able to do something by the following

fall." He added that if a decision wasn't made soon that there'd be no additional housing even the following fall.

Tentatively, the 60-bed residence will be built in front of Dalplex.

At the meeting, Senate members received a copy of a letter that Dr. Philip Welch, who chairs the Senate financial planning committee, sent to President Andrew MacKay in October, 1984. The proposal to tie a student pledge to the Campaign for Dalhousie with low student-fee hikes, "may not be in the best long-term interests of the total university community," Welch said in the letter.

With Welch absent, there was no discussion of the letter.

Dr. Donald Betts, Dean of Arts and Science, expressed concern about the process of allocating funds from the \$600,000 redistribution fund. (The fund was started this year to re-allocate academic funds. Each faculty contributed one per cent of its budget to the fund.) Betts said he had presented a 12-item priority list to the committee but one of the 12 items didn't fit within the guidelines. "The biggest item was eliminated without any feedback."

One Senate member called the whole process of redistributing funds "nothing but an elaborate shell game." Bill Jones disagreed. "It's been a learning process for all of us," he said, responding to further criticisms about the fund.

Betts viewed the process as an incursion into faculty affairs. "We have to have freedom to work within an envelope," he said. "If there is going to be a role for the Senate financial planning committee it should act as dean."

Dr. Colin Stuttgart, of microbiology, presented guidelines for unit reviews. A unit review process aims to improve the quality of the university's academic offerings and to provide academic

planning and subsequent budget information.

Questions arose over any personal references that might be included in submissions from the unit under review. One member suggested that personal references would be undesirable. Donald Hatcher disagreed: "How can you write a report without personal references?"

In other matters, Alan Andrews asked for a report from the Board of Governor's investment committee regarding any investments Dalhousie may have in South Africa.

The subject has created a storm at several U.S. universities and Andrews expects it will crop up here too.

Dr. Michael Bradfield, of economics, asked if recent newspaper accounts were accurate which show that Dalhousie will receive one of the lowest funding increases of any Nova Scotia university. It received a 4.5 per cent increase in provincial-government funding over last year compared with more than eight per cent at several other Nova Scotia universities.

"For once the newspaper coverage seems to be accurate," Robbie Shaw said. —Roma Senn

Four profs win EMR grants

Four Dalhousie professors in the fields of geology and oceanography received research grants from the federal energy, mines, and resources department.

Dr. Ronald L. Boyd received \$5000 to study the quaternary marine sedimentology of the Scotian Shelf. Born in Australia, he took his BSc (Hons.) in marine geology at the University of Sydney, and earned his PhD in 1980 on research on continental shelf sedimentation. Boyd is currently an assistant professor of marine geology at Dal.

Dr. Martin R. Gibling, an assistant professor of marine geology, won a \$3700 grant to use sulphur isotope analysis as a tool to investigate the source of sulphur found in coal from Sydney, Nova Scotia. Gibling received his BA (Hons.) in geology from Balliol College, Oxford University, before going to the University of Ottawa for his PhD. As part of his thesis Gibling organized two six-man expeditions to the Canadian Arctic.

Dr. David A. Huntley took his BA and MA at Cambridge University, and his PhD at Bristol, in his native England. He came to Dalhousie in 1974, where he is currently an associate professor of oceanography. Huntley has been granted \$9000 to research coastal waves, currents, and sediment motion.

Dr. Keith E. Loudon, assistant professor of oceanography at Dal, received \$8550 to examine arctic heat flow. Born in the U.S.A., he earned his BSc from Oberlin College, his MSc from Temple University, and his PhD from the Massachusetts Institute of Technology. Loudon has published more than 15 papers and has done extensive research in physics and earth sciences.

Cutbacks, tuition increases discussed at conference

Keep universities accessible — students

Funding cutbacks, tuition increases, and limited accessibility have young people afraid that university may soon become a luxury available only to the rich or those with a genius level IQ.

The Canadian Federation of Students (CFS) doesn't want that. At the fourth annual CFS general meeting at Dalhousie in May, more than 150 university students from 10 provinces discussed student interests and criticized policies not in their best interests.

"It was one of the best general meetings we've ever had," says Judy Guthrie, CFS Atlantic field worker. At the week-long session members elected a new national executive and began disseminating information among provincial representatives for their respective universities and colleges.

Caroline Zayid, outgoing Nova Scotia representative to the national executive, described the atmosphere of the conference as "positive and productive." CFS is focusing its immediate attention on the issue of student aid. Members of the executive will meet with Secretary of State Walter McLean to discuss problems with current student-aid policy.

Ontario students are anxious about the results of a commission on the future development of the universities of Ontario, known as the Bovey Report. The Ontario Federation of Students is opposed to a number of the report's suggestions, and is working to prevent their implementation, while CFS is working to make other provinces aware of the situation should they confront it as well.

One of the most contentious issues in the report is the quality vs. accessibility question. CFS firmly supports universal accessibility to universities, but the Bovey report favors increased tuition and limited accessibility to make universities more cost-efficient. The commission also recommends universal income-contingent loans and tuition differentials, both of which CFS says would serve to create a post-secondary elite because they do not consider the low-income student or changing supply and demand within the job market.

University funding is a major concern of CFS. A task force report tabled in the House of Commons in March reported that federal grants for post-secondary

education are being redirected by the provincial governments for use in other areas. Instead of adding provincial funds to federal grants for universities as was intended, provinces are taking part of the federal funds, leaving universities with inadequate financing.

CFS representatives have met with the Minister of Employment and Immigration and the Minister of Finance to discuss federal funding and student employment problems.

The Students' Union of Nova Scotia (SUNS) is currently concerned with the upcoming Royal Commission report on post-secondary education in Nova Scotia. Liberal MLA Guy Brown told the legislature most Nova Scotians think the government spends too much money on an inefficient university system. SUNS chair James LeBlanc replied that, "his comments show that ignorance in the House is a lot more of a provincial problem than the ignorance among university students." SUNS is calling for release of the royal commission report, and a reaffirmation of Nova Scotia's commitment to high-quality, accessible education. —Sally Bird

Health professionals call India exciting and frustrating

Three Dal health professionals involved in a health education project in Northern India describe their experiences so far as tremendously exciting and at times terribly frustrating.

Don McGuire and Lesley Barnes, of the School of Recreation, Physical and Health Education, returned recently from a two-week trip to Lucknow in the state of Uttar Pradesh where they are working through Dal with the Government of India on a three-year \$310,000 Canadian International Development Agency — (CIDA) funded project to improve health education. "As health educators, international data has been part of our curriculum here," McGuire says. "To have the opportunity of first-hand experience is tremendously exciting. "But dealing with India's cumbersome bureaucracy can be frustrating. "Seeing the bureaucratic problems and going from an ideal plan to instantly having to negotiate it, is really frustrating. "The whole project is to provide an education training program," says McGuire, who's been to India twice with the project. "We want to increase the knowledge of village health workers in preventive techniques."

The health team, which also includes Dr. Wayne Mitic, who contracted hepatitis on an earlier trip to India and as a result couldn't make the recent trip, is training the teachers — doctors, who will in turn, train the village health workers.

They are in the process of starting a health survey to determine the kinds of health problems that exist and the kinds of needed intervention. In the needs-assessment survey they are comparing two villages — one that will receive health education and one that won't. "We hope to identify areas where we might be able to help," Barnes says.

But the team already knows some of the current health problems: communicable diseases, issues of over-population, personal hygiene.

Later this year or early next, they will run workshops, based on the survey information, for physicians. Then they will supervise the workshops the physicians deliver to the health care workers, "so we can evaluate the process and then the outcome of their training."

But there are still some questions on how the team will handle the workshops in India. "Learning is still to be lectured at," McGuire says. But that's not how the team sees it. "We prefer not just to lecture."

On their trips, they visited rural hospitals and McGuire says they were an eye-opener. "Their equipment was ancient," he says. "They have so little money for the cosmetic kinds of things we take for granted."

But the health professionals impressed McGuire. "The people are dedicated and enthusiastic for what they are doing."

McGuire was less keen on India's bureaucracy which is gumming up the works. The team has funds from CIDA to provide motorcycles and four-wheeled vehicles for the health care workers. But red tape is preventing the team from getting the money to them.

Despite the problems, McGuire, Barnes and Mitic say the Lucknow Health Education Project is worthwhile, professionally and personally. And they hope it will have a major impact on health. Working in a developing nation impressed on Mitic, who's worked for 10 years as a health educator, that the need for health education is universal. "It's made me feel good about what I do." —Roma Senn



Dr. James A. Pincock received the 1985 Union Carbide award as Canada's outstanding teacher of chemistry on June 2 at Queen's University. He's seen here at the University of Texas at Austin where he is currently on sabbatical.

Glazov probes Russian mind in new book

Dr. Yuri Glazov, professor and chairman of the Russian department, recently produced *The Russian Mind Since Stalin's Death*, a 272-page book that probes the mind of the Soviet leadership.

Chapters in the book, published in 1985 by D. Reidel Publishing Company, Hingham, Mass., include, "The Psychology of the Soviet Leaders," "The Inner World of the Soviet Intelligentsia," "Pasternak, Solzhenitsyn and Sakharov." Glazov began working on the book in 1975 when he came to Halifax completing the last chapters two years ago.

"...few non-Russians understand what is really going on in the Soviet Union, although our future depends upon the rapid development of such an understanding," Glazov says in the book.

Glazov left the Soviet Union as a dis-

sident in 1972 with his wife and three children. His criticisms of the Soviet system had cost him his job as a linguist at the Academy of Science, and he was placed under house arrest when his signature appeared on a petition criticizing the government's contempt for individual rights. Poor health, he says, saved him from the Gulags.

Glazov has remained a sharp critic of the Soviet Union since his emigration.

"The Soviet system may become more refined and more subtle, but the substance does not change," Glazov said in a 1983 interview after the late Yuri Andropov came to power.

Last summer Glazov went on a hunger strike in support of his friend, Nobel prize winner Andrei Sakharov, who had also been on a hunger strike in Gorky where he is being held by the authorities.

Affirmative Action:

"We're moving in the right direction" — Horrocks

Most people have heard of affirmative action but many don't know what it's all about.

Last month Dalhousie held a workshop as a first step in providing information on affirmative action — which is designed to achieve equality in society — and encouraging discussion on the subject.

As a major employer and leading university, Dalhousie has a responsibility to set standards that are on the leading edge of the affirmative action program, said Alasdair Sinclair, vice-president, academic, at the information and discussion session.

During the session, held in the Mac-Mechan Auditorium in the Killam, some of the approximately 100 Dalhousians who attended raised concerns about the implementation of affirmative action. They worried that employers would lose control over hiring, and face problems if someone hired under an affirmative

action program required disciplining.

At the session, Norman Horrocks, who chairs the presidential advisory committee, reported that "while we're moving in the right direction, there are still things to be done."

Affirmative action grew from the women's movement which brought a number of injustices to the public's attention. Although there are a number of interpretations here's a definition from Conrad Winn, a professor of political science at Carleton University. He calls it "an act of compensatory discrimination whose ultimate purpose is to increase the proportional employment of a target or beneficiary group."

Many people view affirmative action as simply reverse discrimination which violates the Canadian Charter of Rights, but article 15 subsection 2 permits programs aimed at "the amelioration of conditions of disadvantaged individuals or groups."

Dr. Nicole Trèves-Gold, past president of the Dalhousie Women's Faculty Association, says affirmative action, which Dalhousie initiated last year, "never implies that females less qualified than male applicants should be hired." Such a policy, she says, would reflect negatively on women, lower standards and cause hostilities. What affirmative action does mean is simply "active recruitment of qualified female academics," she said in an earlier interview.

During 1983-84, the first year Dalhousie's affirmative action program was in effect, about 22 per cent of academic appointments were women, excluding faculties with more than 50 per cent female representation such as library service, social work and dental hygiene. Even so, women are poorly represented in the top decision-making positions. All seven deans of faculties are men. The president and the vice-presidents are men.

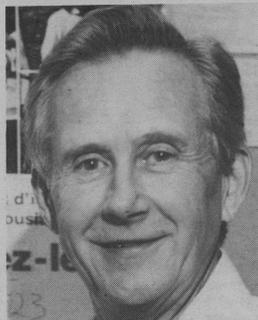
About 66 per cent of the University's current non-academic staff is female.

Dalhousie's advisory committee recommended the university work with the Nova Scotia Human Rights Commission to improve the employment situation at Dal for blacks, native people, and the disabled. It also suggested that these groups receive preference in hiring until the number of minority employees increases, and called for the allocation of funds to improve accessibility on campus for the disabled.

A survey completed by Personnel/Payroll Services on non-academic staff shows that of Dalhousie's five employee groups, females hold 782 positions and males 404. A committee is currently studying the feasibility of establishing pay equity at Dal.

Claudine Lowry has been appointed training officer to co-ordinate the implementation of an affirmative action program at Dal. —Sally Bird

Graham makes conflict of interest look good



John Graham

Politicians are usually the ones people pick on most when there's a hint of conflict of interest. So it's unusual for a loyal university employee to be tarred with the conflict brush — if only in jest.

Vice-president Robbie Shaw laid it all bare last month when, at a dinner in April to pay tribute to John W. Graham, who stepped down after 18 years as general manager of the Student Union.

John, said Shaw, had been a wild young Romeo, a naval gunnery officer and Pacific war veteran, and a late-blooming student (winner, somehow, of the gold medal in commerce as the most elderly person in his class at Dalhousie).

Somewhere along the way, John acquired the ability to throw a variety of hats into the air and then adapt quickly, depending on which hat landed on his head. Or maybe it was a natural talent, for he got away with being jack — nay, master — of all trades, all at the same time.

John Graham, you see, has worked for Dalhousie's presidents and vice-presidents of the last 20 years — even though for many of those years he was also their boss.

"Theoretically," Robbie Shaw said, "he reported to me, and even serves in my stead when I'm on vacation. But he was my boss. After all, he not only sat on the Board of Governors committee that hired me and decided on my salary and could fire me, he even sat on the finance and budget committee of the board that approved the budget I submitted for the university each year."

Although he was general manager of the Student Union, he also directed housing and food services for the university, and later managed university services. The general managership of the Student Union also meant — for the sake of continuity, of course — that he sat on the Board of Governors. And according to the statutes of the university's incorporation, the board is the supreme governing body.

So, as Shaw said, John would bargain for the students on matters regarding the operations of the Student Union Building, on residence fees (including the residences' catering contracts). And he always did it successfully. No wonder — he simply donned his university services cap and bargained with himself.

He also served as the chief staff support for the board of governors committee that negotiated, on behalf of the administration, how much students would pay for tuition.

There were other conflicts of interest, too. John is a member of the board of governors of Mount Saint Vincent Uni-

versity, the Halifax Student Housing Society (which runs Peter Green Hall, an off-campus residence owned by Dalhousie), and is now in charge of Dalplex, the teaching, research, athletics and recreation centre built primarily for university students, faculty and staff but which must also lure outside money to offset its operating costs.

It's been nearly five years since Shaw joined Dal as a vice-president. "It has been challenging and enjoyable, but nothing has intrigued me as much as watching, up closely, John Graham change hats. I've had a fair amount of experience in a variety of organizations, public and private, and I'll challenge anyone to match Graham in conflicts of interest," Shaw says.

John, who grew up in Edmonton, had a long career when he joined Dalhousie. He joined the navy in 1944 ("now you know why our navy ships don't work too well — all the officers are from (landlocked) Edmonton and Calgary") and made it to the Pacific front in 1945, just as the war was ending. "Technically he was a veteran, and to be able to say you were a veteran of the Pacific did wonders for a career in the navy."

As a sub-lieutenant in Portsmouth,

England, John met the future Mrs. Graham on a blind date. He took her to a wardrobe and, after the ball was over, he and a friend, having taken the girls home, concluded it was not time to say goodnight, climbed up a drain pipe into the girls' room — clutching a bottle of cognac — and continued the party.

Guests were not allowed in the house. The noise got louder. The landlord called the police. Along came the shore patrol. John and buddy hid under the bed. But, in their mildly alcoholic condition, they left a foot sticking out. Navy policeman tripped. The pair were carted off to the brig.

But Lena, John's date, was so impressed she married him.

Back in Canada, the Grahams had four children and Lena, who grew up in France, became a teacher of French and a pioneer in the use of TV for teaching in the schools.

In 1963, John enrolled in commerce at Dal and, while in his last year, was hired as a part-time accountant by the Student Union.

"He thinks he was hired because of his work experience, his brilliance at his studies, his bubbling personality. But he got hired because of his famous wife, whose pioneering work had attracted

enormous publicity."

Another reason forwarded for John getting the job was that the Student Union wanted some control over its books. Until 1963, Bernice Robb in the business office, controlled the union's finances. So John Young (a past-president of the union) tried to exert more influence over the students' own dollars. In the end, Robb would release control only if John Graham was hired as controller.

"I was president of the union and hired John Graham as its general manager. Then, further years later, I became John's boss. You know, I have the feeling that some day John is going to get back at me," said Shaw.

Then, as if to ward off any propensity for revenge, Shaw said he had been authorized by the president and the officers of the board to announce that, because John had worn "all those hats" so well, he would become assistant vice-president of Dalhousie University, "effective tomorrow."

The promotion means that John Graham now has both feet in the administration's camp and, therefore, the wearer of only one hat. In theory, that is.

But as John said afterwards, "I never toe the party line."

Kudos for Carlos

Dalhousie photographer Carlos Cacola received three awards of merit from the Maritime Professional Photographers Association for photographs he entered in a recent competition.

For his portrayal of a miniature monastery in Coimbra, Portugal, Carlos, a native of Aveiro in Portugal, won top

marks in the architectural category.

That work will travel nationally as part of a major photographic exhibit.

Carlos' award-winning prints are on exhibition in the Faculty Club from June 14 to 21.

Carlos, as everyone on campus calls him, has worked at photographic servi-

ces at Dal for five years, and takes most of the pictures that appear in *Dal News*.

He has been a professional photographer for 25 years — 20 of them in Canada. He got his start in the creative arts at age 13 as an apprentice to a ceramic designer.



Dal photographer Carlos Cacola won an award of merit from the Maritime Professional Photographers Association for his picture of a miniature monastery at the "Portugal of the Little Ones" in Coimbra, Portugal. The photo received top marks in the architectural category.

Spring Convocation '85

ARTS

Noted Canadian painter Mary Pratt asked members of the audience at the arts convocation in May to support creativity by "encouraging us to dance to new tunes."

In a warm-hearted convocation address that the audience seemed to like, Pratt, who received an honorary degree, spoke about the changing attitudes towards creative persons. But even though some creative persons can now make a living through their art, Pratt, an attractive and super-successful painter with a radiant smile, said they still don't get the recognition they deserve. "One would think that the creative person would be the darling of society," she said.

But since she grew up in the Forties in Fredericton, N.B. attitudes have changed.

Her father, she remembers, thought it "quite all right" that she wanted to study art because with her curly hair and bright smile he knew she'd probably never have to support herself. When she went to register for university at Mount Allison, in Sackville, N.B., the registrar, seeing her excellent marks, said, "You don't need to be a painter."

In the Sixties, no one expected to make a living as a painter. But with the formation of the Canada Council, and the CBC's increasing role in the arts, artists could eke out "a bit of a living."

Pratt believes artists have an important contribution to make. When she's down, she remembers what former Governor-General Jules Léger told her: "Keep painting, it's good for Canada."

She told her audience at the Memorial Arena the story about the "little industrious ant" and the "merry little cricket." The ant spent all his time collecting crumbs for his larva for the winter while the cricket danced and sang. When winter came the ant was warm and snug and had plenty to eat, the cricket was cold and hungry. "We all know the moral of the story," Pratt said. "But if you think about it, the ant is an awful jerk."

"Never be afraid to celebrate," she said. For the ants in the audience, she said, take time to smell the roses. "If you're a cricket, God bless you."

After her address, President Andrew MacKay said, "What a delight to have a cricket with us this afternoon."

Earlier, he mentioned the past academic year had been "difficult but not unpleasant."

Valedictorian Geoffry Martin was more specific about some of Dal's problems. He listed the problems of morale, the uncertain future of the art gallery, the Rebecca Cohn and varsity sports.

The university, he said, will need more support from government and private sources, and required more than just money. "We need moral support for the basic aims of the university," he said.

Martin, an earnest first-class honors grad in political science and economics who received a Gold D for his contributions to student affairs, called on the graduates to help their alma mater. "The graduates of the future will be happy for whatever financial support we can offer," said Martin who also received the J.H. Aitchison Award for the best honors essay in Political Science. But he also noted the serious youth unemployment problem and slim job prospects for some of the gradu-



Law grads paraded from the law school to the Arts Centre for convocation on a sunny Friday in May. (Carlos photo)

ates. "Twenty years ago our expectations would have been quite different."

During the convocation 251 students received Bachelor of Arts degrees, Bachelor of Arts Honors Certificates, Bachelor of Education degrees, Bachelor of Music degrees, a Bachelor of Music Education degree, certificates in Costume Studies, a diploma in Costume Studies, Master of Arts degrees, Master of Education degrees and Doctor of Philosophy degrees were also conferred.

Janice Ann Currie, of Dartmouth, received the university silver medal. She graduated with first-class honors in Psychology.

Catherine Calkin, of Halifax, a first-class honors graduate in English, also won a university medal and the Margaret Nicoll Pond Prize in English. Her mother, Patricia Calkin, who graduated the same afternoon with her PhD in classics, is the second Dr. Calkin, President MacKay pointed out. She's married to Dr. Melvin Calkin, a physics professor at Dal.

SCIENCE

At the science convocation, biologist Nancy Jane Lane reiterated the importance of the education of women and the role of women in education.

"It isn't possible to succeed unless one is willing to work very hard," Lane told the 400 graduates.

Lane, one of the two honorary degree recipients at the convocation, is an internationally renowned cell biologist, a graduate of Dalhousie, and a native

Haligonian. She has published over 100 papers and is a lecturer at Cambridge University.

The hard work Lane referred to was evident as 21 graduates received first-class honors and 20 more were awarded distinction. Sixty-two honors degrees were conferred, along with 22 master's degrees and 10 doctorates.

Jan Oliver Friedrich received the Governor-General's medal as the leading honors graduate. He has also been chosen the 1985 Nova Scotia Rhodes Scholar. This summer Friedrich will do research at Dalhousie and in Germany. In October, he will start his studies at Oxford.

The Avery prize for the top student in the general program went to Judith Blore, who will enter medical school in the fall.

Students weren't the only ones to receive awards. Dr. J.D. (Des) Cousens received the 1985 Alumni Award for outstanding teaching at Dalhousie.

Francis Renault Jouin, who also received an honorary degree, is a geologist well-known for his work in the discovery and development of uranium mines in Canada. He has prospected throughout the world and served as senior consultant to the mineral resources division of the United Nations from 1963-81.

In his address, president Andrew MacKay noted that Dalhousie's enrolment in arts and science had grown 20 per cent over the past 10 years, and that 50 per cent of Nova Scotia's science students were enrolled at Dalhousie.

LAW

This year's law graduates will find themselves in a unique position: They're the first to graduate under the new Canadian Charter of Rights and the first to ensure that the "goal of equality" is met, Ontario Family Court Judge Rosalie Abella said at convocation.

The charter is an "expression of belief, 'a symbol of hope,'" Abella told the 147 graduates at the Rebecca Cohn Auditorium when she received an honorary degree.

"The character of a community is defined by the laws it passes," she said.

In what was generally a serious speech Abella told the graduates they had made "a lifetime commitment to the furtherance of justice."

But Abella ended her speech with a personal and moving story about a young Polish Jew. He had graduated from a law school in Poland that accepted only four Jews, who were segregated from the rest of the class. During the Second World War he was sent to a concentration camp where he lost most of his family, including his son. Eventually he emigrated to Canada. Although he could never practise law in Canada, he had a daughter who would. She was Rosalie Abella. Her father died just before her graduation and she couldn't bring herself to attend. The Dal law convocation was her first.

The audience gave Abella a standing ovation.

Lilas Toward, a lawyer, legal reformer and author, also received an honorary degree. She grew up in Sydney,

received her BA from Dalhousie in 1932 and held several positions before returning to Dalhousie for her LLB and her LLM in the Fifties.

For 10 years she was judge of the assessment appeal court for three Cape Breton counties, contributed to legal reform in Nova Scotia and served the cause of women and minorities.

Even before his address, valedictorian David Jones, of Dartmouth, received a hearty round of applause from his classmates. In a moving address, Jones told the graduates not to get too caught up in money, prestige and workaholicism.

Even in times of crisis he told grads to try to remember the good things. He spoke from experience — he became ill and nearly died during the past year.

His classmates gave him a standing ovation.

During the convocation law professor Sarah MacKenzie received the class ring from the graduating class for teaching excellence. Tim Hill, former president of the Dalhousie Student Union, received a Gold D from the Student Union.

Student prizewinners included Richard Hirsch, of Halifax, who received the University Medal in Law, the Carswell Prize for the highest standing in third year, the Nova Scotia Barristers' Society Prize, the Goldberg, Ehrlich and MacDonald Prize in memory of Arthur Cohen in business tax, the Canadian Bar Association Prize in maritime laws, the Robert T. Donald Memorial Prize. He shared the J. Gordon Fogo Prize in commercial law with Mona Lynch, of Sydney. Other students who received several awards included Stephen Coughlan, of Halifax; Elizabeth Ackman, of Dartmouth and Janet Birnie, of Telkwa, B.C.

Several Newfoundland politicians attended the convocation to recognize the co-operation between the Province of Newfoundland and the law school. The last student, Magistrate James Igloiriote, of Hopedale, Labrador, graduated from the 12-year-old Newfoundland Provincial Court Judges' Law School Program at the convocation.

Lynn Verge, Newfoundland's attorney general and minister of justice and a Dal law school graduate, unveiled a plaque marking the success of the program in which 17 Newfoundlanders graduated. As recently as 1970, Verge said, Newfoundland magistrates did not hold law degrees. She said the launching of the program had called for "wisdom and courage" on the part of the judges, the university and the government.

MEDICINE

Orthopaedic surgeon Dr. Robert Salter called on medical graduates to provide "kindly compassionate care" and to treat each patient as a person.

Salter, a world-renowned scientist who received an honorary degree at the medical convocation in mid-May, told the 90 graduates that they should adopt the philosophical concept of giving something in return for the privileges they had received.

Salter, who practises in Toronto, listed these privileges as devoted parents, above-average intelligence, life in a free country where one can choose his own vocation, good health, the opportunity to have been taught by some of the world's greatest teachers and certain employment.

Doctors can give something back by serving their patients well, teaching,

researching and getting involved in the administration of medicine.

Salter practises what he preaches. He served two years with the Grenfell Medical Mission in northern Newfoundland and Labrador, has taught as a visiting professor at 120 universities, developed a number of innovative methods of orthopaedic treatment, written prolifically on the subject and has served a number of medical and other organizations.

He is the great great great grandson of Malachy Salter, an 18th century Haligonian for whom Salter Street is named.

Dr. Gladys Enid MacLeod, of Dartmouth, a doctor, anesthesiologist and teacher, also received an honorary degree.

A native of New Brunswick, she graduated from the Dalhousie medical school — the only woman in her class of 29 students — in 1937 and later helped to introduce curare as a muscle relaxant in anesthesia. She began teaching in the department of physiology and biophysics in 1960 and five years ago became professor emerita.

At the convocation, President Andrew MacKay called 1984-85 "a year of progress." The medical school would not have to reduce the number of medical students accepted.

The faculty had received improved funding from the government although he added, "I'm not yet satisfied." And the Dalhousie Medical Research Foundation had raised more than \$6 million.

Valedictorian Anil Sharma called on the grads to view their profession as

one of serving rather than helping people. The notion of helping, he said, has egocentric overtones.

Joseph Horan, of Hyde Park, Mass., seemed to exemplify the ideals of the profession. Besides receiving a distinction, the Dr. C.B. Stewart Gold Medal, the Dr. Clara Olding Prize for highest aggregate in Fourth Year, he won the Dr. J.C. Wickwire Medal, for patient contact. He also received the Prize in Medicine for highest standing in medicine in all four years and a Lange Book Award.

HEALTH PROFESSIONS

While health care professionals require the integrity to do what they believed is right, regardless of cost, they also must be able to admit when they're wrong.

That was the message from Canada's top nurse, Dr. M. Josephine Flaherty, who received an honorary degree, when she addressed the convocation for the Faculty of Health Professions.

Flaherty, the principal nursing officer for Health and Welfare Canada, told the graduates that being a health care professional involves a continuing effort to improve knowledge and skills.

While they need a commitment to their beliefs, they also must be able to modify those beliefs to meet the changing needs of patients.

Margaret Cardwell, occupational therapist and teacher, also received an honorary degree at the convocation, where the first graduating students from the School of Occupational Therapy

received their BSc (OT) degrees.

A total of 294 students received degrees and diplomas — 55 their BSc In Pharmacy; 72 Bachelor of Nursing; 24 Bachelor of Physical Education; three BSc in Health Education; 17 Bachelor of Recreation; 31 Bachelor of Physiotherapy; 23 BSc in Occupational Therapy; 49 Bachelor of Social Work; seven Diploma in Outpost and Community Nursing; four Master of Nursing; three MSc in Physical Education; one MSc in Human Communication Disorders; and five Master of Social Work.

University medals went to Michelle Mezei, Halifax (BSc in Pharmacy), Adele Beryl Clark, Midland, Ont. (BN) and Micheline Diane Cormier, Grand Falls, N.B. (Bachelor of Recreation). —

DENTISTRY

The Faculty of Dentistry held its largest-ever convocation this year, with the awarding of 32 Doctor of Dental Surgery degrees and 30 Diplomas in Dental Hygiene.

Two Certificates in Periodontics and a Master of Science degree in oral surgery were also awarded.

For the second year in a row, no honorary degree was awarded but Dr. P. Ralph Crawford, president of the Canadian Dental Association, gave the convocation address. He praised Dalhousie's dental school and welcomed the 32 dentists into the profession.

The valedictorians were Sharon Thibodeau, for dental hygiene and Galen Snook, for dentistry.



One graduating student helps another adjust her gown just before their big moment at convocation. (Carlos photo)

Thibodeau, a member of a committee set up this year to study problems mentioned by last year's valedictorian in his address, said some progress had been made in solving them. The 1984 valedictorian criticized the dental school's administration and student-faculty relations.

Thibodeau said that some problems remained. Students were "unfairly handicapped in the pursuit of (their) careers by a malfunctioning computer system" and some strains existed in "the relationship between the Faculty of Dentistry and the School of Dental Hygiene."

But dental hygiene students, Thibodeau said, had met the challenge. "We've earned the right to hold ourselves out to the public as qualified health professionals. The goal made the struggle worthwhile."

The struggle will continue, however, as dental hygienists seek the right to open their own practices, she said.

"Right now dental hygienists can practice only in the office of a dentist. Soon, however, we may be able to open clinics on our own."

In his address, Snook alluded to the problems in the dentistry school, and said there had been "some definite, positive action" towards solutions. He praised last year's class for taking a stand: "Through their courage, we were able to benefit (and) we urge the faculty to keep moving in a positive direction."

Gregory Lovely won the University medal in dentistry with Harry Ames and Terrie Logue receiving honorable mentions. Sylvia Maria van Gogh received the Katie Lubetski Memorial Prize for the highest grade point average in the school of dental hygiene. William Whyte won the Dr. Frank Woodbury Memorial Prize for the highest average in dentistry. Whyte and Lovely each received two other prizes. Dentistry student Sara Gordon won four prizes for second highest grade point average, greatest proficiency in oral surgery, greatest proficiency in oral medicine and as outstanding student in periodontics.

At the convocation, Dal President Andrew MacKay announced the appointments of Chester B. Stewart as dean emeritus of medicine and James D. MacLean as dean emeritus of dentistry.

MANAGEMENT STUDIES

Walter Light, innovative industrialist, threw out a challenge to Canadian universities:

"If I were in charge of the curriculum for any university, I would insist that every student be provided with an introductory course on technology and society."

Light, chairman of Northern Telecom Ltd., was speaking at the convocation

for the Faculty of Management Studies, at which he received an honorary degree.

Light reminded his audience that Dalhousie had once been described as "an idea prematurely born into an alien and unfriendly world," but today it ranked as one of North America's best educational institutions.

But while Dalhousie had prospered, another sort of alien and unfriendly world had come into being. It was a world in which a new economic order was dramatically changing the nature of business, employment and society itself on a global scale: a world where industrial and innovative capacity was no longer the preserve of a select group of nations; a world where information and information-based technologies, rather than the traditional levers of capital, labor and natural resources, now provided the muscle for economic and societal advantage and prosperity.

"The consequences of this emerging economic order have not been pleasant for Canada," said Light. Canada's share of world trade had declined, imported products stocked department store shelves and ruled the roads and unemployment was high. "That's a national tragedy. It represents economic suffering by entire families and the loss of hope and self-esteem by young people who are being denied their key to the future — the jobs that

would allow them to participate in and contribute to our society and economy."

They should, however, be regarded as a challenge, a challenge to recognize that the successful individual, organization and nation could only be those who moved beyond the boundaries of traditional attitudes and conventional learning.

At a time of increasing global competition, Canada's inability or unwillingness to pursue innovation and embrace new techniques and technologies could only be described as masochistic.

"To put it bluntly, Canadians must put aside what I see as border line performance and attitudes. . . . Canadians must recognize that excellence in product quality and service is no longer an option or luxury, but now a minimum requirement for competitive success. It is a myth that the success of foreign products here and abroad is simply the result of lower price based on lower labor costs. The hard truth is that our competitors' products are frequently better than ours, as well as cheaper."

A second area in which border line performance had to be abandoned was in education. "Today, a truly educated individual must be technologically literate in the broadest and best sense of the term" — not an engineer or computer scientist, but someone having a disciplined overview of today's unfolding technologies.

"In fact, if I were in charge of the curriculum for any university, I would insist that every student be provided with an introductory course on technology and society. It would involve a multidisciplinary examination of topics ranging from the history of science and the principles of engineering, through to robotics and data base management.

"Anyone who feels these are topics that can be left to specialists, who thinks that he or she can stick to a narrow field of expertise, is courting a personal handicap, and obsolescence for the company or institution he or she will represent."

Light said the global arena was the third area where Canada had to move beyond the border line. "Canadians must recognize that no business or activity is defined or protected by geographic boundaries. We are no longer living in a one-continent, one-market environment, but in a one-world, one-market condition.

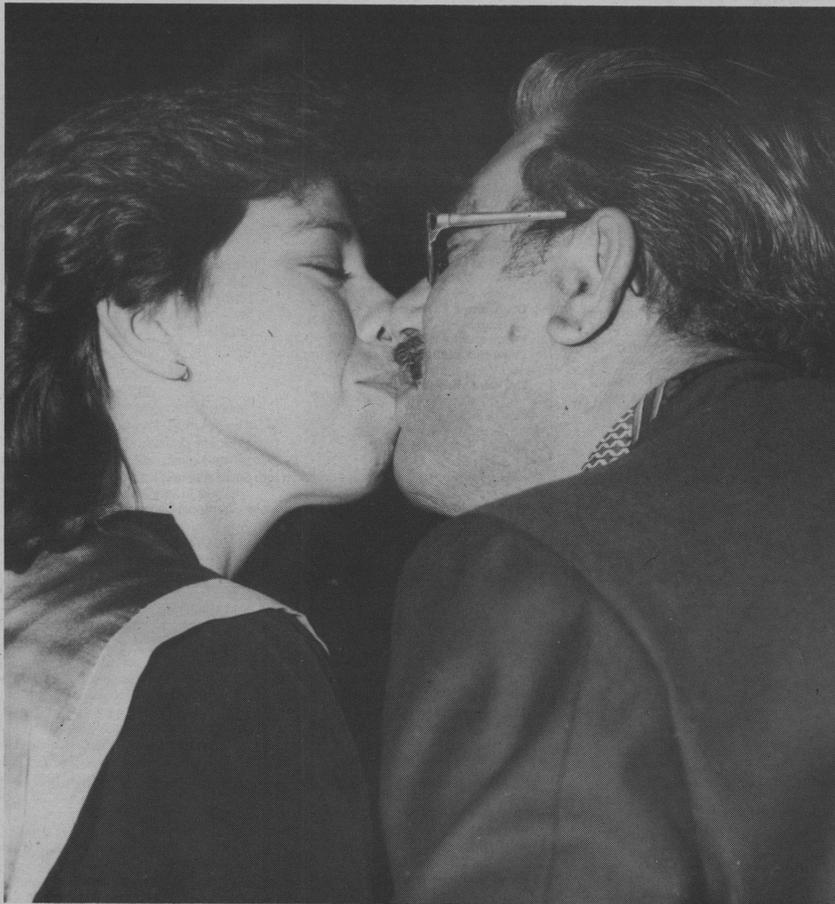
"I see a major role for Canada's management schools — a role that had already been recognized by Dalhousie through its Centre for International Business Studies, which is conducting widely recognized research on a number of key issues.

"But the value of such a resource centre will not be maximized until international business issues and studies are a compulsory part of every Canadian management student's education

Every management course should include an international component if Canadians are to renew their competitive edge in the global arena.

"We should also contemplate the creation — perhaps based on your existing centre — of an Academy of International Trade, where Canadian managers can be educated in those cultural and business differences in specific countries they seek to do business with."

Such learning, said Light, was not enough to do the job. "Canadians must drop the ridiculous debate on whether we wish to be a bilingual nation and accept that in the markets of the world, it is multilingualism that separates the winners from the losers. I hope the day



A father gives his graduating daughter a big kiss just after she received her degree at the arts convocation. (Carlos photo)

Dal News, June 5, 1985

is coming when graduation from a management school means that each student is able to operate in at least one foreign language."

Honorary degrees were also conferred on Shirley B. Elliott, former Nova Scotia legislative librarian, and Gordon F. J. Osbaldeston, clerk of the Privy Council and secretary to the federal cabinet.

DIG DEEPER — BRUCE TELLS JOURNALISM GRADS

The world needs more investigative reporting and more "un-vengeful exhuming of the negative side of our leaders," Halifax journalist and writer Harry Bruce told graduates at the University of King's College.

"We need far less emphasizing of the positive in whatever new hotshot of the hustings the press suddenly decides glows with charisma in our time," said Bruce, who received an honorary Doctor of Civil Law degree at King's convocation in May.

In a punchy anecdotal convocation address on freedom of the press, Bruce talked about the role of the press and people's attitudes towards it.

"Opinion polls have shown that the least-trusted occupations in the minds of the public are those of lawyers, politicians and journalists."

Last winter a New Brunswick judge called reporters "vultures," forgetting, Bruce said, "that vultures clean up a lot of corruption." At the trial of N.B. Premier Richard Hatfield on charges of marijuana possession, "the judge, lawyers and police seemed to agree that the important thing to prove was not the guilt or innocence of Hatfield but that the press were sensation-mongering scum."

Some people in the audience seemed uncomfortable with parts of the speech. Others groaned in agreement with the answer to Bruce's question: "What's the difference between a journalist and a provincial court judge? Answer: If a journalist abuses his power by smearing the innocent, he's in danger of losing his job."

When anyone suffered public embarrassment, someone, somewhere, said it was all the press's fault.

Bruce cited an example from Canada Post: The corporation installed new mail boxes in Vancouver which the press revealed were so poorly designed that any thief could plunge an arm inside, up to the armpit. A Post spokesman then declared that they'd never had a security problem until the media coverage gave amateur thieves instructions on how to steal mail, adding: "We would like to take a look at it."

People who hated the press viewed it as "a huge, trouble-making monolith." It was not. The press ranged from the smutty *National Enquirer* to moderate main-line magazines, stations and family newspapers "whose duty it is to bring most Canadians the news they need in order to know what's going on in the world."

Bruce admitted this "relatively high-minded press" was not perfect. "Even this middle-class press can be sloppy, unfair, inaccurate. It is also true that it is sometimes rude, and so pushy it injures the defenceless."

But that did not mean that the whole industry was contemptible. The lawyer who robbed a client was not proof that all lawyers were crooks. The surgeon who left a sponge inside a patient's gut was not proof that surgeons were generally incompetent.

A total of 156 students graduated with Bachelor of Commerce degrees (some of them awarded during the year), six with Certificates in Public Administration, 73 with MBAs, 22 with MPAs, six with DPAs and 28 with the degree of Master of Library Service.

Stephen G. Countway (BComm), of Chester Basin, won the university medal in commerce.

"And yet, in the case of the press, the gods visit the sins of the few on everyone else." When the press's "own front of failings" met the powerful's habit of blaming the press for their failings there was "this great, sour, foul fog of ignorance about why the press — and I mean a trouble-making press — is valuable to all of us."

Although the public paid for the salaries, programs and decisions of politicians and bureaucrats, they did things they did not want the public to know they were doing.

Some bureaucrats hid even the most innocuous information and any government, given half a chance, would manipulate the news.

He quoted, from nearly two centuries ago, U.S. President James Madison: "A popular government without popular information, or the means of acquiring it, is but a prologue to a farce, or a tragedy, or perhaps both."

"Most of those who get salaries for digging out the truth, and for spreading the word," Bruce told the 34 journalism grads at convocation, "need apologize to no one."

President John Godfrey also had no apologies to make at King's 196th ceremony. He told the packed gym, on a snowy May afternoon, that King's, with 14 per cent of the combined Dalhousie-King's student population, had received eight of the 14 university medals. A few minutes later Dal president Andrew MacKay reminded Godfrey that King's and Dal had a joined faculty of arts and science. "They're our students as well."

At the convocation, 65 students received Bachelor of Arts degrees. Four honors certificates were awarded; 12 Bachelor of Science degrees; 14 Bachelor of Journalism with honors degrees and 20 Bachelor of Journalism degrees.

Bruce, editor of *Dalhousie Alumni Magazine*, and four other noted Canadians received honorary degrees.

New Brunswick-born Frederick Cogswell, a distinguished scholar of English letters, poet and author received a Doctor of Civil Law degree.

Marion Fry, a former student at King's, Dalhousie and Oxford University, received a Doctor of Civil Law. Her work on St. Augustine and the Fathers contributed to the Canadian tradition of scholarship in the older humanities. She has served as vice-president and acting president of Trent University, in Peterborough, Ont.

Bruce Oland, of Halifax, was a sailor who rose to the rank of commodore and became an aide-de-camp to the Governor-General. He supported numerous civic and cultural causes throughout Nova Scotia, worked with retarded children and the blind. He received a Doctor of Canon Law degree.

Harald Westin was raised as a soldier and lawyer in Jamaica and later was ordained to the priesthood. He is a parish priest in Charlottetown, P.E.I., who has devoted his life to pastoral work and has actively encouraged learning and intellectual life within the church.

FROM THE FACULTIES

Faculty of Dentistry Faculty Council, May 8

Environmental Health and Safety Committee: The Dean reported no progress because contracted renovations had been delayed pending testing of the possible alternative of individual dust collectors. Dr. Chaylor said that splitting the current system would probably increase the noise problem in individual sections. The Dean said that a sequence of steps would probably be needed to correct the existing problems and that he was willing to proceed again to seek a solution.

Academic Awards Committee: An additional first-year dental hygiene prize, the Lisa van Alphen memorial award (\$100 cash) will be presented in

recognition of academic standing and professional excellence.

General Dentistry: Council agreed to recommend to faculty that a Division of General Dentistry within the department of restorative dentistry be created, effective July 1.

Retirements: Council discussed appropriate recognition for several retiring faculty members.

Committee to Advise the President on the Appointment/Reappointment of a Dean: It was agreed that the following candidates for membership on the committee be recommended to faculty: Drs. D.S. Precious, R.E. Hoar, D.G. Pentz, G.S. Zwicker, E.A. Moffat (Medicine), Ms. D.L. Milton and Jeff Williams (student representative).

The Federal Lectures and Colloquium Series Research 86 will begin its Canada-wide kick-off at Dalhousie University September 9-11.

Invited Speakers:

Dr. William Irwin Thompson
Founding Director of the Lindisfarne Association
New York City, N.Y.
Author of several books, among which:
"At the Edge of History,"

"Passages about Earth,"

"Pacific Shift," "Islands out of Time."

Keynote Address:
"Mythology and Science in a Planetary Culture."

Dr. James M. Ham
Professor of Science, Technology and Public Policy
Department of Industrial Engineering
University of Toronto

Dr. William G. Tatton
Professor of Medicine
University of Toronto
Vice-President, Research
Toronto Western Hospital

Dr. Andrew R. Thompson
Director,
Westwater Research Centre
University of British Columbia

Dr. Valra Vikis-Frelberg
Vice-Chairman
Science Council of Canada
Professor of Psychology
University of Montreal

Theme of the Halifax series is "Research into Societal Issues."

For more information contact Angele Dostaler, Transport Canada, Place de Ville, Tower B 5th Floor, Ottawa, K1A 0N5.

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Dal says 'thanks'

On a beautiful spring day about 160 people gathered in the Faculty Club to salute 25 long-serving Dalhousians — some who are retiring soon, others who plan to stay on.

Staff members at the reception included doctors, lawyers, cleaners, secretaries and administrators. Everyone seemed to enjoy themselves.

President Andrew MacKay, who presented certificates to the 19 staff members present, thanked them for their years of devoted service. "A university in the long run is the people who are here," he said. "The people who teach, who work in the labs, who clean, who serve food, make this institution what it is. I think it is pretty splendid."

FRANCES GREENOUGH

Frances Greenough joined university services as a member of the maintenance staff in 1971. She's since worked in the Life Sciences building, the Studley Gym, Fenwick Tower and, for the last five years, in the Tupper building. The job, she says, has had its "ups and downs."

She's looking forward to her retirement and plans to divide her time between her hometown of Bridgetown and Halifax. She has one son who lives in Ottawa.

KENNETH HEARD

Dr. Kenneth Heard joined Dal's political science department 21 years ago. He was born in Durban, South Africa, and did his post-graduate studies at the University of Natal and the London School of Economics. He received his PhD in 1966. Before coming to Dalhousie Heard taught at Rhodes University, Grahamstown, South Africa, and the University of Natal.

MARY KNOX

Mary Knox joined Dalhousie 27 years ago.

She graduated from St. Pat's High in Halifax, spent four years in the office of the Dean of Arts and Science and joined student accounts. Knox, who has three children, is planning to travel and write an autobiography in her spare time.

SARAH MACKENZIE

Sarah MacWalker MacKenzie is a well-liked teacher and lawyer. At the recent law convocation, graduating students presented her with the class ring for outstanding teaching. Last fall she became the second winner of the Weldon Award for Unselfish Public Service. She has served for 11 years as a staff lawyer at Dalhousie Legal Aid Service.

She was born in Kingsborough, P.E.I., grew up on Nova Scotia's South Shore and in the Annapolis Valley and received her BA in 1940 and her BEd in 1941 from Acadia University. Before entering law school at Dal in 1971, she taught high school for 19 years. MacKenzie, who is married with three children, joined the clinic in 1974 working mostly in the area of family law. Her Weldon Award citation says, "she has served her clients and students in a manner that exemplifies the best traditions and aspirations of the Bar and the Law School."

JAMES D. MACLEAN

Dr. James Douglas MacLean left his practise in Alberta to become dean of dentistry at Dal in 1954. He resigned that position in 1975 but stayed on as a professor. "Half my lifetime and three-

quarters of my professional experience has been at Dalhousie," says MacLean, who received his DDS from the University of Toronto in 1942.

MacLean, who came to Halifax 32 years ago, says he's proud of the developments in the school over the years, and the extension of the dental program to include post-graduate students and dental hygiene.

GEORGE C. MILLIGAN

Dr. George Clinton Milligan has been at Dalhousie for a total of 32 years, as student and professor. A native of Tyne Valley, P.E.I., he began teaching Geology at Dal in 1957 and over the years "sort of grew into the job" of undergraduate advisor for the department.

At a recent reception Dal honored 25 long-time employees — some of whom will be retiring, others who'll be staying on.

As undergraduate advisor, he says, he developed a sympathy for students and their problems, financial, personal or otherwise, and it provided a great deal of satisfaction to be able to help.

Milligan isn't going to sit around after he retires. There's a project he's had "on the back burner for about 25 years" that concerns geological formations in Cape Breton.

ERIN J. PURCELL

When Erin J. Purcell retired from the army, he took a job at Dalhousie to keep busy and to supplement his pension. He has been supervisor of dental stores for 17 years and says he found it "most rewarding. I enjoyed it a great deal." Purcell plans to take time after retiring to travel as much as possible and renew old acquaintances.

J.K.B. PURVES

Dr. J.K.B. Purves, a Halifax surgeon, is currently head of general surgery at Dalhousie.

He joined Dalhousie in 1956 as a lecturer but he says his teaching career really began in 1951 when he was still a resident.

Purves now plans to devote more time to his private practise. But he admits he'll have "a little more free time for golf."

Born in Truro, N.S., he graduated from Dal medical school in 1951. During the second world war Purves, who's married with four children, served in the Royal Canadian Air Force as a pilot.

JENNY TAKALO

Jenny Takalo came to Dalhousie 18 years ago.

She graduated from Parrsboro High and joined Dalhousie as a payroll clerk working her way up to payroll supervisor. One of her colleagues says: "She's

going to be a hard person to replace."

Takalo, who has three children, says she is looking forward to enjoying each day as it comes and to travelling.

ARNOLD J. TINGLEY

Dr. Arnold J. Tingley was born Upper Pointe de Bute, N.B., attended Paradise High School, N.S., and served with the army in the Second World War.

After being demobilized, he attended Mount Allison, and obtained a BA in 1949. He did post-graduate work at the University of Minnesota, receiving his MA 1950, PhD 1952.

Before joining Dalhousie in 1953, he taught at the Universities of Minnesota and Nebraska. In 1962, he became a full professor. He's a member of the Canadian Mathematical Congress (past-treasurer), American Mathematics Society and Mathematics Association of America. He served as a member of Nova Scotia's math curriculum committee and on provincial and

national committees concerned with school math. He has served at Dalhousie as secretary of Senate. Twelve years ago he was appointed Registrar while continuing to teach math. For the last several years he has been executive secretary of the Board of Governors.

S. ERNEST SPROTT

Dr. S. Ernest Sprott began teaching English at Dalhousie in 1958. He'll continue this fall as professor emeritus with the department and give the Shakespeare seminar to honors students.

Sprott, who's from Australia, recently donated to Dal's library his private collection of 4,500 works of Australian literature and criticism, giving Dalhousie one of the strongest research collections of modern Australian literature.

DONALD SUTHERLAND

Dr. Donald Sutherland, of Saint John, has had a long association with Dalhousie. He came to Dal as a pre-med student in the late Thirties, graduated from the medical school in 1943 and for the past 16 years he's taught in Saint John with Dal's department of obstetrics and gynaecology.

He's now chief of obstetrics and gynaecology in Saint John.

Born in 1920 in New Glasgow, N.S., he completed a residency in obstetrics and gynaecology in 1951 and in 1952 joined the medical staff at the Saint John General Hospital.

NANCY BECKWITH

Nancy Beckwith has been at Dalhousie 13 years. She started at Dalhousie as a clerk in the Reserve and Order and Serials Dept. and in 1975 she worked as a serials invoice clerk.

Beckwith, who has two daughters, says she's looking forward to her retirement.

GORDON BETHUNE

Dr. Gordon Bethune, a Halifax surgeon, who joined Dalhousie 35 years ago has seen many changes in his specialty.

When he began his practise, nearly all surgeons did general surgery whereas today some do, for instance, pedi-



Some of Dal's long-service staff members grouped with President MacKay for a picture in front of the Faculty Club during the recent reception. From left: Gordon Bethune, Arnold Tingley, Gerald Dauphinee, President MacKay, Frank Dunsworth, George Milligan, E.M. Franklin, John Coates, Frances Greenough, Guy Faulkner, James Mclean, Erin Purcell, Doris Boyle, Mary Gatten, Mary Knox, Jennie Takalo, Jeanette Clark and Marion Crowell. (Carlos photo)



Beth Goodwin, the reception organizer, pins a red carnation on Dr. Frank Dunsworth, of psychiatry. All the honored male guests wore red carnations; the females wore red roses. (Carlos photos)

atric, cardiovascular or plastic surgery, Bethune said during an interview following his 15-year tenure as head of the department of surgery at Dal and the Victoria General Hospital. Patient care, he says, has improved as a result of this specialization. During his period as head a resident-training program was developed which is now acknowledged as one of the best in Canada.

Bethune, who was born in Toronto in 1919, received his undergraduate degree from Acadia University and his medical degree from Dalhousie in 1943. During the Second World War he served overseas with the Canadian Armed Forces. Bethune is married with two children. Eleven years ago his family celebrated a 99th anniversary. His sons Drew and Graeme were graduating from medical school at Dal — 99 years after the graduation of their great grandfather, John Lemuel Bethune.

DORIS BOYLE

"I just plan to take it easy," says Doris Boyle, the administrative secretary who's worked in the Centre for Foreign Studies for the past 14 years.

It won't be all play, she says. "I'll probably take a more active role in volunteer work," says Boyle, who's originally from the Annapolis Valley. That's something she hasn't had much time for since she joined Dal in 1971.

JOHN CHARMAN

Several years ago Dr. John Charman was called one of Halifax's busiest surgeons.

He is a professor of surgery at Dal. A native of Wallace, N.S., Charman graduated from Dalhousie Medical School in 1943 and served in the Canadian Army during the Second World War. In 1948 he completed his residency in surgery. He is married with two children.

JEANETTE CLARK

Jeanette Clark joined student services 16 years ago. She liked it so much that she stayed. "I've met so many congenial people," she says. Her position has broadened over the years. She's served

as secretary to Dean Edward Marriott who was assistant dean when Clark first started. "I got busier, over the years," she says. A native of Crapaud, P.E.I., she came to Halifax in 1946 and now has three grown children and four grandchildren living in the area. She plans to relax and do some volunteer work, notably with the Canadian Diabetic Association. She'll visit family on the Island and in British Columbia.

JOHN COATES

John Coates, who was born in Paris, Ont., won't be leaving Dal until March. But when he goes he hopes it's with a letter of recommendation from the President because, "I plan to look for another job."

"Why would anyone want to stop working?"

Coates, the administrative manager in biology, says he can easily sum up his feelings towards Dal: "I really enjoyed being able to plant some trees on campus without interference from anyone."

MARGARET COOLEY

Margaret Cooley, of the Classics department, says she's "enjoyed every moment" of her time at Dalhousie. She became the department's secretary in Jan. 1970 having previously worked in the President's Office and with fund raising.

"The professors have all been very good to me and so have the students," Cooley, a native of Halifax, will do some travelling, including a trip to Edmonton to see her daughter. She also plans to take some courses.

MARION CROWELL

Marion Crowell has been at Dal 40 years. She graduated from the Halifax Ladies College, received her BA degree from Acadia University and started working at Dalhousie as the secretary in the Registrar's Office.

She was promoted to Assistant Registrar and then Associate Registrar. President Andrew MacKay recognized her contributions to the university at the

Law Convocation in May where she was handing students their degrees, always with a smile.

She is looking forward to retirement and not having to consult the academic calendar before her long-awaited vacation.

GERALD DAUPHINEE

Professor Gerald Dauphinee, who grew up in the Metro area, plans to sit back and "watch the trees grow" when he retires from 27 years of teaching general chemistry at Dalhousie.

Dauphinee graduated from Dalhousie in 1952 with his masters degree. "The quality of the students" at Dal has always impressed him.

FRANK DUNSWORTH

Dr. Frank Dunsworth, a Halifax psychiatrist, began his teaching career at Dalhousie 39 years ago. He's also a graduate of the Dalhousie Medical School and received his Canadian license in 1943.

Back then, he remembers the department was "extremely small." In fact, the entire medical school has grown by leaps and bounds. During the Second World War he served in the Royal Canadian Army's Medical Corps.

Dunsworth is married with 10 children.

Ten years ago he was made a lifetime member of the American Psychiatric Association.

Dunsworth plans to continue his practice in Halifax but will make good use of his extra time. "I have lots of things to do," he says. He'll spend more time at his country home and play more duplicate bridge. "I'm more eager than competent," he says about his bridge skills.

GUY H. FAULKNER

Dr. Guy Herbert Faulkner graduated from Dal with his BSc and DDS degrees. With lots of friends here, he decided to stay on to teach.

Faulkner, a native Nova Scotian from Bass River, says his time at Dalhousie was "the best job I've ever had." He's especially enjoyed his 14-year association with his students. After retiring Faulkner will continue to teach one day a week, spending the rest of his time taking life easy at his country home.

ELLIOTT M.C. FRANKLIN

Dr. Elliott Maynard C. Franklin has been at Dalhousie for 17 years. Born in Digby, N.S., Franklin took his BSc at Acadia and his DDS at Dal. He served in the dental corps of the armed forces until he reached the military retirement age of 49, then he came to Dal. Franklin has enjoyed his time here and says "teaching is its own reward." He plans to look after his house and just take it easy after retiring, but he will also teach on a part-time basis.

MARY J. GATIEN

Mary J. Gatién is a New Brunswicker who graduated from St. Vincent's Girls' High School, Saint John, in 1936 and Mount Carmel Business Academy, 1937.

Before she came to Dal she worked at the Foreign office of Vassie Brock Manchester Drygoods, Saint John; Business office manager and bookkeeper, W.E. Emerson Plumbing and Heating Contractors; assistant to county superintendent of schools and director of teacher training, Fredericton; court reporter to Saint John Urban Renewal Commission; assistant to Registrar, UNB (Saint John campus), assistant to the Principal.

She joined Dal May 1, 1967, became secretary to the President (Hicks) at Dalhousie, then executive assistant to Dr. H.J. Uhlman, secretary of Senate, Dean of Student Services, then Registrar. Her most recent position has been as executive assistant to the Dean of Student Services.

Gatién is married with two children, both grads of Dalhousie, her daughter in oceanography, her son in medicine.



Dr. MacKay presents Frances Greenough, right, of the maintenance staff, a certificate for her 14 years of service to Dalhousie, as Beth Goodwin, of staff relations, centre, looks on. (Carlos photo)

Cousens wins alumni teaching award

Dr. Desmond (Des) Cousens has won this year's Alumni Award for Teaching Excellence.

Cousens is an assistant professor of engineering who's been at Dal since 1979. He teaches four, 50-student courses here and two more at the Technical University of Nova Scotia.

The award was a pleasant surprise. "There are very few awards for day-to-day" activities. What he likes most about it is that "it says here's another person who's portraying academic excellence, not that he or she is the "best" teacher — just someone who teaches well."

Cousens has been nominated for the award before. Winning it this year, however, is ironic. He was refused tenure. "It's been a hairy year."

When he came up for tenure review he was found to be lacking in the area of publishing. He now has a couple of research papers in the printing stage and will have a second chance at tenure this fall.

Cousens, a native of St. John's, Nfld., received his diploma in engineering from Memorial University in 1966, graduated from the Technical University of Nova Scotia in 1968 and worked with Atomic Energy of Canada in Manitoba.

He returned to TUNS where he taught part-time and worked on his PhD which included a thesis on environmental impact, particularly on the solubility of hydrocarbons in sea water.

Cousens says that the set-up of the Engineering department is conducive to good teaching. The professors carry the teaching load themselves because there are no graduate students in the department. (Engineering students take the first two years of their degree program at Dal and go to TUNS to complete their degrees.) Cousens personally marks each paper which helps him gauge the effectiveness of his teaching, allowing him to make the necessary course changes.

As for the students, "they like the personal involvement, they like the accessibility." In return, he gets to know the students better and vice versa.

Through the grapevine he's become known as a tough-but-fair teacher.

But that's all right. He'd rather be known as a tough teacher of well-educated students than as a well-liked teacher whose students merely regurgitate what they hear at lectures. He provides them with a challenge and doesn't want them to just "think they're being taught."

"If you make students think they're being taught, they'll love you. But, if you make them think, they hate you."

"I use assignments as significant feed back as to what the students are getting from the class. I don't penalize a student for handing in incomplete assignments — I tell them to work on it for a specified time and then stop, and go on to something else. But don't hand in a blank sheet."

Cousens is keenly interested in how to better university education. It's quite a challenge.

"The attitudes of today's students have changed. They're bright, well-served. Through television, they know more about the world, but what they know is quite often at the superficial level."

"They have a hard time concentrating because they're fed this information at a dramatic, rapid pace. They're pro-



Des Cousens: The award was a pleasant surprise. (Watson photo)

ducts of a whole different type of learning development that employs a certain number of jolts per minute. To keep their attention you have to provide them with those 'jolts per minute.'"

Cousens is regularly asked to go to other parts of the country to speak on how to improve university education.

He says so many students can breeze through high school because they're good at regurgitating information that's fed to them day after day.

The big challenge is motivating them to do the work themselves.

Cousens himself likes challenges.

He canoes, rows and shoes horses. He uses his own portable ferrier tool set when he calls on his clients. He has a horse, George, that he saved from being put out to pasture, but he's finding him expensive to keep.

"I was originally going to be a vet," he says. Then he got interested in engineering and changed his plans.

Cousens, the sixth professor to receive the Alumni Award for Teaching Excellence, received the honor at the Alumni Awards dinner. Previous award winners are: Murray Beck, Political Science (1979-80); Basil Cooke, Geology (1980-81); Jim Pincock, Chemistry (1981-82); Gerta Josenhans, German (1982-83); Barrie Clarke, Geology (1983-84). Law professor Leslie Balogh also received an award posthumously in 1981-82. — Stuart Watson

Program attracts the experienced

A Moncton dentist flies into Halifax every week for classes at the School of Health Services Administration. Another student drives in from Truro.

They're two of the 46 full-time and part-time students enrolled in a two-year master's program that prepares graduates for top-flight administrative jobs in hospitals and other health care facilities.

The program, which began at Dal four years ago, recently switched to the Faculty of Health Professions from the Faculty of Management Studies and began to offer a Master of Health Administration degree. (The degree used to be called a Master of Public Administration in health services administration.)

Many of the 26 part-time students work in hospitals. "We attract experienced people," says Larry Nestman, director of the school. The average age is 31 and many of the students are nurses — 60 per cent of the school's students are female.

The students don't have any trouble finding jobs. "Up until this year 100 per cent had found jobs," Nestman says. The school's experiences have mirrored findings by the Association of University Programs in Health Administration, a world-wide association representing 350 programs, which has found that "employment rates in health care are high. Job search is slightly more difficult but concludes successfully for most in about three to four

months."

At first, there was some hesitation, Nestman remembers, to hire the first crop of grads but after a few months they all had "three or four offers."

Why the demand?

"This is an expanding industry in a contracting economy," he says. With the number of elderly persons growing there's a need for more professionals in long-term care facilities. "This is going to be a major area." The school plans to focus more on nursing home administration and home-care programs.

The program prepares students for executive director positions in hospitals, health-care planning in government and other administrative jobs.

Courses include the health-care delivery system, health care planning, health economics and health care law.

The school, one of six in Canada, ran a series of well-received mini-conferences in the past academic year and its faculty is involved in a number of major studies. A.P. Ruderman is currently travelling the country and the world for material for a new set of health policy guidelines for the Canadian International Development Agency (CIDA). Murray Brown is working on an eight-year study on the impact of medicare on health care. "It really will be a significant study," Nestman says.

About a year and a half ago Nestman presented a brief to the Nova Scotia select committee on health, advocating the establishment of a province-wide

home health care program and he has acted as a consultant to various provincial governments.

He has had lots of practical experience in the field. After receiving his BComm from the University of Saskatchewan he became a chartered accountant and acquired a number of health-related facilities as clients. He got interested in the field and returned to university for his Master's in Health Services Administration and stayed on at the University of Alberta as an associate professor of health services administration.

Before joining Dal in 1980, he conducted a \$180,000 project with the Alberta Community Health and Social Service Department to evaluate a co-ordinated regional health and social service program in southeastern Alberta.

Most of the people associated with the school have had plenty of field experience. Mary Punt, the administrative secretary, worked previously as secretary of the Canadian college of health services executives. "She's plugged into everything," Nestman says.

With faculty and staff plugged into the field, the school has developed a good community relationship and a growing reputation. "It's experienced people who have started the program," Nestman says.

Notebook

CORRECTION

In the convocation issue (*Dal News*, May) we incorrectly identified Reginald Landry, a third-year psychology and philosophy student, who's on his way to Stirling University, in Scotland, for two years.

INTERUNIVERSITY USERS GROUPS

Some people have shown interest in forming an interuniversity Apple computer users group. Those who'd like to be involved should call 424-8893.

The CPM Users Group meets at 7:30 p.m. the second Monday of each month at Dymaxion Research, 5515 Cogswell St.

The IBM/MS-DOS Users Group meets at 5:30 p.m. on the first Tuesday of each month in Room L-150, Loyola building, Saint Mary's University.

WOMEN GRADS MAKE LESS

University-educated women in Canada make about \$1,200 a year more than male high school grads, according to Statistics Canada report.

The report found that between 1971 and 1982 the salary gap between female and male college graduates had shrunk. In 1982, the average salary of women was 77 per cent of the average for men, compared to 71 per cent in 1971.

During that same time female enrollment at Canadian universities doubled, compared with a 17 per cent increase for men.

RIDE FOR RESEARCH RAISES \$6,600

More than 180 people rode for research on Victoria Day, raising \$6,600 for the Dalhousie Medical Research Foundation.

One rider, John Edmonds, personally raised \$2,400 in pledges.

A bicycle, donated by the Dal Medical Alumni Association, was won by 11-year-old Paula Brown of Halifax.

The event, organized by former *Dal News* staffer Cathy Kerr is the first of its kind in the province.

DSA APPOINTMENTS

In March the following persons joined Dal: **Shauna A. Graham**, clerk 1, of the bookstore; **John W. Butler**, technician 4, Physics dept.; **Kathryn L. Collier**, technician 4, Dental clinic; **Wayne R. Lemoine**, technician 3, Chemistry dept.; **Annette M. Salsman**, secretary 2, Chemistry dept.; and **Jacqueline B. Naas**, lab animal tech. 3, Animal Care centre.

STATIONERY STORES SHIFTS SITE

Stationery Stores has moved from the Arts and Administration building to the first floor of the Central Services building.

With its closeness to the mail room, the move is expected to give quicker turn-around on "mail-in" orders.

Stationery is open from 8:30 a.m. to 12:30 p.m. and from 2 p.m. to 4 p.m.

DAL SWIMMER MOVES INTO WORLD RANKING

Dalhousie student **Andrew Cole** recently moved into world rankings in 200 metre swimming. He is ranked 25th.

His time of 2:17.96 also moves him into second place in Canadian rankings, behind world record holder Victor Davis.

Cole, a former Dalhousie Male Athlete of the Year, won gold medals in the 100 and 200 metre breast stroke at this year's CIAU championships. He competed in 1983 at the Pan Pacific Games and in 1984 with Canada's national team in Australia and New Zealand.

COMMONWEALTH WINNER IS DAL STUDENT

Dalhousie student **Mahinda Perera** won a Canadian Commonwealth Scholarship for 1985.

Perera, who is in his qualifying year before entering the political science degree program, is the only Dal student to win the award this year.

COURIER SERVICE CEASES

Dalhousie no longer has a courier service. The service was cut as part of the financial restraint measures recently introduced to cope with Dal's budget problems.

STUDY UNDERWAY

Two occupational therapy students are conducting a survey to determine the accessibility of buildings on the Dalhousie campus.

Alana James and Sandy Delaney began the study on May 6, under the direction of Barbara O'Shea, director of occupational therapy. They are surveying each building on campus, and formulating recommendations for improving accessibility for handicapped persons. These recommendations will be put in order of priority in a final report at the end of the 13-week project, taking into account how much a building is used, and the cost entailed.

As part of the study, the students will be working with members of the Canadian National Institute for the Blind to discover areas of difficulty for the visually handicapped. Their research methods also include working with wheelchairs, measuring door widths, ramp heights, and checking for grab rails.

The project will consider different academic programs, where the various classes are held, how easily handicapped people can get from class to class in a short period of time, and the routes they would have to take in getting from place to place.

The study developed from a recommendation by the presidential advisory committee on the employment of women, handicapped persons, and members of minority groups.

DAL SUMMER '85 FILM SERIES

The Dalhousie Film Theatre's Summer 1985 Series will present 13 movies from June 2 to August 25.

Carmen — last year's Academy Award winner for best foreign film — opens the series on June 2.

The Bostonians, with Christopher Reeve and Vanessa Redgrave, will be shown June 9 followed by the Ken Russell spine-tingler **Crimes of Passion** on June 16.

The Last Starfighter, a magical adventure with computer special effects will be screened June 23 and Francis Ford Coppola's **Apocalypse Now**, starring Martin Sheen, will be shown June 30.

The July 7 feature will be **Brimstone and Treacle** with rock superstar "Sling."

Hitchcock fans can catch **The Paradine Case** on July 14 starring Gregory Peck, Charles Laughton, Ethel Barrymore and Charles Coburn.

Featured on July 21 will be the Fellini film **Juliet of the Spirits. Pretty Poison** follows on July 28. It's a cult classic starring Anthony Perkins and Tuesday Weld.

Jessica Lange's portrayal of tragic Thirties legend Frances Farmer comes to the Cohn Aug. 4 in **Frances**.

Genevieve Bujold, Keith Carradine and Lesley Ann Warren star in **Choose Me** on Aug. 11 and on Aug. 18 it's Harry Dean Stanton and Nastassia Kinski in **Paris/Texas**.

The series' grand finale is the extremely popular **Tootsie**, starring Dustin Hoffman, Jessica Lange, Terri Garr, Bill Murray and Dabney Coleman.

Admission to all films is \$4; \$3.50 for students and senior citizens. The box office opens at 7 p.m. and the shows begin at 8 p.m.

Beyond Dalhousie

VACANCIES AT LONDON HOUSE

If your summer travel plans include London, England, the University of Guelph's London House may be the place to stay.

There are a few vacancies in late June, mid-July and August. For further details contact John Wills, property manager, administrative services, University of Guelph, (519) 824-4120, ext. 2734.

If you plan on staying in London for three to six months or longer, London House summer manager Marsha Kalman can help locate furnished accommodation. This service is available, for a fee, from Apr. 19 to Sept. 16. You can write Kalman at Guelph London House, 105 Albert St., London, England, NW11 7LY, or phone direct, 011-44-01-267-1303.

PERSPECTIVES ON BIRTH COURSE

Mount Saint Vincent University will offer an interdisciplinary credit course, *Perspectives on Birth*, starting in Jan. 1986.

Dr. Jane Gordon of the Mount's Sociology department, will give the course which will examine, in a social context, ways in which attitudes towards birth have changed. It will cover such topics as the development of contemporary practices, women's roles and childbirth practices, birth and social control and will feature a number of guest lecturers.

For further information call Gordon or Deborah Poff at 443-4450.

BRITISH BUDGETS BLUDGEONED

British universities are facing annual increases of only one half of one per cent and some universities may be shut down.

Sir Peter Swinnerton-Dyer, chairman of the University Grants Committee (similar to the MPHEC), says: "For the rest of the decade the best guess I can provide is that the increase in the grant will be two percentage points per year below inflation."

The British government is said to favor an increase in the number of students enrolled in science and engineering courses and wants to reduce the number of students studying the humanities and social sciences.

Universities without strong programs in technical disciplines are likely candidates for elimination. The Universities of Hull, Keele and Stirling are rumored targets.

NEW PREZ AT UPEI

Dr. C.W.J. "Willie" Eliot is the new president of the University of Prince Edward Island. Eliot will begin his six-year term July 1.

Eliot earned his BA, MA and PhD degrees from the University of Toronto, taught at U of T, the University of British Columbia, the American School of Classical Studies in Athens, Greece, and at Mount Allison University.

HALF CONSIDERED SUICIDE

Nearly half of the students at the University of Waterloo say they considered suicide while at university.

Thirty-nine per cent of the students polled blamed stress.

The survey of 189 undergraduates at UW was conducted by Alvin Evans, a religious studies professor, and Jack Williams, director of counselling services. Evans calls the findings "staggering."

The suicide rate among young people has increased considerably over the past 20 years, he says, noting that twice as many college and university students commit suicide than do non-students of the same age.

Today's university is "one of the more stressed environments in our society," he said. "For many, it's the loneliest place in the world."

NEW APPLE CANADA EDUCATION POLICY

If you're thinking about getting Apple equipment for your department or research needs, contact your purchasing agent concerning Apple Canada's new education policy.

Academic Notes

BECK AWARDED HONORARY DEGREE

J. Murray Beck, of the political science department, was awarded an honorary degree by the Royal Military College of Canada at its convocation ceremonies on May 17.

Beck was the college's first political science professors, teaching there from 1952 to 1963.

APOSTLE WINS TEACHING AWARD

Richard Apostle has received the Dalhousie Sociology and Social Anthropology Student Society's annual award for teaching excellence.

RESIDENT PRIZE WINNERS

Dr. J.H. MacGregor was the winner at the first Dalhousie research presentations by residents at Dalhousie medical school.

MacGregor, a resident in diagnostic radiology at the Victoria General Hospital, reviewed mammograms and biopsies from 39 women to see if breast shape and structure had any relation to tissue changes which could make women susceptible to cancer.

Dr. T.D. Loane was second with his study of the comparative stability of conventional and lightweight wheelchairs. Loane is a resident in physical medicine and rehabilitation at the Nova Scotia Rehabilitation Centre.

Third prize was taken by Dr. D.P. Kogon for his work with amniotic fluid to determine the lung maturity of an unborn fetus.

PLANT WINS LIBRARY AWARD

Sheila Plant of Dartmouth is this year's winner of the Atlantic Provinces Library Association Award. This award is presented to the graduate of the Dalhousie School of Library Science who shows the most promise.

Plant holds degrees from McGill University and the University of London, and has worked as a librarian, history teacher, and journalist. She is a member of the Canadian, American, Atlantic Provinces, Nova Scotia, and Halifax library associations.

THESIS DEFENCE

Bjorn Bjornsson of the Department of Oceanography presented his thesis defence recently on "Bioenergetics of Cod (*Gadus morhua* L.): A Response to Food Intake with Possible Implications for Fisheries Management."

THE DONALD E. CURREN SCHOLARSHIPS

Six one-year, \$1,000 scholarships are available to mobility impaired students who have been accepted at a university in Atlantic Canada, with preference to paraplegics and quadriplegics.

Applicants must provide official transcripts from the most recent year of study. Application forms are available by writing to the Donald E. Curran Scholarship Committee, c/o Canadian Paraplegic Association, Nova Scotia Division, 5599 Fenwick Street, Halifax, N.S., B3H 1R2.

Deadline for applications is July 15, 1985.



Costume studies students took only a week to weave an impressive 36' X 28' Dal logo which was seen this year at convocations held in the Memorial Arena. (Carlos photo).

LIBRARY STUDENTS GET GRANTS TOO

Three Students in the School of Library Services received 1985-86 Natural Sciences and Engineering Research Council post-graduate scholarships in science librarianship and documentation.

Scholarships valued at \$11,500 were awarded to Andrea Allison, Anna Henson and Mark Leggott.

MICROBIOLOGISTS TO MEET AT DAL

The 35th annual meeting of the Canadian Society of Microbiologists will be held at Dalhousie June 9 to 13.

More than 300 delegates from Canada, the U.S., Britain and Europe representing industry, universities, agriculture, hospitals, oceanographic institutes and government will attend. They are expected to make more than 140 scientific presentations.

GERMAN DEPT. AWARDS FOUR PRIZES

Four students in the German department received awards this year.

Brian Mombourquette and George Sassine each won a book prize from the Republic of Austria.

Elizabeth Calkin received a prize from the Swiss Ambassador to Canada and Heather Smith, a King's student who won the University Medal in German, was awarded the Janet Gwendolyn Coade-Dessauer Memorial Prize.

BASKETT PUBLISHES BOOK

Dr. Tom F. Baskett, an obstetrician and gynecologist, has published his first book *The Essential Management of Obstetrical Emergencies*.

The book is geared toward areas without the best medical facilities, such as small towns or outposts. It is published by John Wiley and Sons of Sussex, England, and will soon be available in local bookstores.

SANDRA GARVIE MEMORIAL AWARD

A grant of up to \$1,000 is available for study or research relating to the library aspects of public legal education.

For information and applications write to the Sandra Garvie Memorial Fund, c/o Lois Gander, Legal Resource Centre, 10049 - 81 Avenue, Edmonton, Alta., T6E 1W7.

In Memoriam

ANNA SHORTER

Annabelle Laura Shorter, 39, died recently at her home in Halifax. She spent 10 years working at Dalhousie in various capacities, most recently as the assistant to the dean of dentistry and faculty administrator. She was born in England and moved to Canada in the early Seventies.

Jo Kingston, manager of personnel/payroll, who worked with Shorter for several years, says she'll be missed at Dalhousie. "She was a fine person and a bright girl. I never saw her without a smile on her face."

She was a member of the Armdale Yacht Club and her husband, Brian, is commodore of the club this year.

She is survived by her husband and a son, John.



Anna Shorter

NEW FACULTY ASSOCIATION EXECUTIVE COMMITTEE

The following are members of the 1985-86 executive committee of the Dalhousie Faculty Association.

President: Dr. John G. Rutherford, Anatomy department.

First vice-president: David Williams, School of Social Work.

Second vice-president: Toby Eines, Killam Library.

Honorary secretary: Rosemary MacKenzie, MacDonald Science Library.

Honorary treasurer: Patricia Burt, Killam Library.

Past-president: Sandy Young, Recreation, Physical and Health Education.

Non-bargaining unit member: Tarundu Ghose, Pathology.

Members at large: Steven Burns (Philosophy), Mary-Lou Ellerton (Nursing), Patrick Jackson (Anatomy), David Lewis (Engineering), John O'Brien (History), Marcia Ozier (Psychology), Richard Rosenberg (Math), Surinder Sodhi (Education), Carol Van Feggelen (Music), Richard Williams (Social Work).

Co-chairperson, Association Board Committee: Robert Rodger, Psychology.

Chairperson, Salary Review Committee: Margaret Hanswell, Anatomy.

DFA office: Ann Diego and Brigitte Schotch.

MACKAY CONFERS 43 "AGGIES"

President Andrew MacKay conferred the first Atlantic Canada Bachelor of Science degrees in agriculture on 43 Nova Scotia Agricultural College students last month.

The BSc (Agr) is a joint Dalhousie-NSAC degree, the result of an agreement signed between the two in February.

MacKay told the audience that NSAC graduates have "built a record of solid academic achievement" and he praised the college for offering more practically oriented programs.

NEW OFFICERS FOR WOMEN'S ALUMNI

The women's division of the alumni association has a new slate of officers for 1985-86.

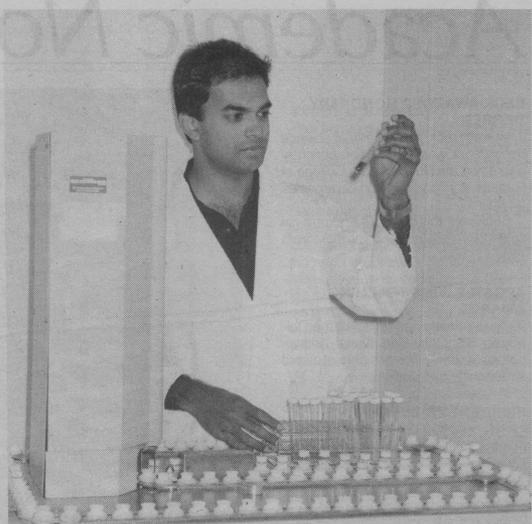
They are:

Evelyn Longard, honorary president; Lynn Arthur, treasurer; Pat Bailly, Denise Brun, Ingrid Jangaard, Margaret Layton, Joan MacVicar, Laura May, Norma Morrison and Anne Newcombe, members at large.

MIC SUMMER HOURS

The Microcomputer Information Centre is open from 8:30 to 4:30 daily throughout the summer.

Call 424-8893 for an appointment to discuss your microcomputer needs.



Dal medical student Satish Rangaswamy was one of six Canadian medical students invited to the recent National Student Research Forum in Texas where he delivered a presentation on tumor immunology.

Classified

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 private classified ad free of charge. Just mail us your submission (please keep it as short as possible) and we'll run it (space permitting) for as long as possible. Send it to: Dal News, Public Relations, Old Archives Bldg., Dalhousie University, Halifax, N.S., B3H 3J5. Please include phone number you can be reached at during the day. Phone numbers will be published only on request. Sorry, we cannot accept placements over the phone. To cancel ad, call 424-3643. Deadline for the submissions is Tuesday at noon, the week before publication.

FOR RENT: Two bedroom unfurnished hydrostone row house, North End Halifax. Avail. July 1. \$650 per month plus utilities. Call Marian Binkley, 425-6583 or 424-7775

WANTED: Trinocular stereomicroscope, second-hand, reasonable. Phone Douglas Russell at 424-2399 during working hours.

TO SWAP: One pair cross-country skis (with bindings) and poles for one single or three-speed adult bicycle. Phone 3811 or 422-2990.

FOR RENT: Two-bedroom apartment in Park Victoria. \$679 utilities included. Call 429-3377 between 12 and 9 p.m.

FOR RENT: Three-bedroom house, furnished, no pets, walking distance to campus. Available June 15 to Aug. 15. Phone 454-9766 after 6 p.m.

FOR RENT: Three-bedroom house, furnished, available for one year from July 1, 1985, dates negotiable. Central Halifax. \$675 plus utilities. Phone 454-4405.

FOR RENT: Large furnished bedroom in quiet private home for non-smoking male. No cooking \$75 per week. Suitable for visiting lecturer while not rented for bed and breakfast. 429-4935 or 424-3656. Ask for Celia Fried.

FOR SALE: 1977 Chev Impala. 350 CID, 4 bbl, automatic. \$2,500 or best offer. Ask for Larry at 469-3023 (9 to 5) or call 823-2273 after 6 p.m.

FOR SALE: Winter full-length beige coat. Excellent condition. Size 11. \$30. Phone 445-4151 after 5:30 p.m.

FOR SALE: Wooden storm windows, assorted sizes. \$2 to \$5 each. Very reasonable. Phone 422-5526 after 5 p.m.

FOR LEASE: Assume lease (to buy) on 6-month old Xerox 627 Memorywriter. 15-page storage capacity, bolding, underlining, justifies margins, proportional spacing, etc. Call Cheryl at 424-3760.

FOR SALE: Four Lanparscope XT-50 terminals. \$500 each or best offer. Contact Joey Barron, Faculty of Dentistry, 424-8866.

FOR SALE: 1978 Chevrolet Nova. Blue, 4-door. Good condition. 71,000 miles. 250 CID six cylinder engine. \$1,900. 469-5252. Ask for Steve Coutts.

FOR SALE: Youth's 20" Triumph 10-speed racer bicycle. \$125. Girl's 19" Raleigh 3-speed touring bicycle. \$100. Both in excellent condition. Phone 422-3365 after 6 p.m.

FOR SALE: 1976 Johnson outboard motor, 20 h.p., \$500. Call 861-1856 between 6 and 8 p.m.

FOR SALE: Mummy-style sleeping bag with baffled side zipper. Good to at least zero degrees Celsius. \$80. Call John at 423-1644.

FOR SALE: Keynote KD 250 Smart Terminals. \$595 each for students, professors. Brand new. Contact Roland Bourgeois, 425-0200

FOR SALE: Two decorator lamps, excellent condition. Will sell separately or as a pair. \$40. 429-2323 (evening), 424-3567 (weekdays).

WANTED: To rent, by faculty couple, unfurnished two bedroom apartment or house, preferably near Dal, beginning Aug. 1, 1985. Phone Christine at 424-7052 (w) or 445-2220 (h).

SURPLUS DISPOSAL: Lisa, Columbia microcomputers, accessories and manuals. Call Rick Livingston at 3382.

SURPLUS DISPOSAL: General Binding Corp. table top collator, electric drive, 110v, 12 pages per cycle. Dispensing arm requires service. Call J. Coates, 3515

SURPLUS DISPOSAL: Daisywriter letter quality printer, model 2000/1500 complete with tractor feed and three print wheels. Asking \$1,600 (purch. price was \$2,400). Call Diane Rudnicki, 3413.

FOR SALE: Apple II+, 64K, 2 disc drives, printer (letter quality or dot matrix), language card, RF modulator, manuals, software (includes Visicalc, Applewriter II, Logo, games, tutorials). \$1,900 or best offer. Call 469-8853.

FOR SALE: Yamaha FG-512 12-string acoustic guitar, with case. Excellent condition. Asking \$300. Ask for Fred at 422-9782.

FOR SALE: Large bearskin rug. \$200. Fiberglass tub and faucet, new. \$400. Poulan 14" chain saw. \$100. Call 429-0769.

FOR SALE: Hitachi HT-1 turntable and Hitachi HA-22 amplifier (30 watts per channel) and Sound Dynamics speakers (1 1/2 years old). \$600. Also, 19-inch Magnasonic color TV, 3 years old. Call Mike at 423-6022 or 425-3999.

FOR RENT: Four/five bedroom house near Dal, for first summer session (May 13 to June 28, approx.), furnished. \$1,000 per month or \$1,500 for six months, plus utilities. 423-6022 or 424-2544. Ask for Bibiana Burton or Jim Brown.

WANTED: Reliable, kind person to give TLC to six-month old boy. Mon. to Fri., 8 a.m. to 5 p.m. in your home. References please. Call Ellen Tancock, 424-2056 (days), 443-8781 (evenings).

FOR RENT: Completely furnished three or four bedroom house near campus (Henry St. near Jubilee Rd.) July 1 to Aug. 31. \$600 per month plus utilities. 425-3318.

FOR RENT: Tape deck TEAC-CX-270. Good working condition. \$80. 424-2203 or 477-8518.

FOR SALE: 1981 Mazda GLC, 2-door hatchback, 4-speed, 91,000 km, good condition. \$3,500. 455-5504.

FOR SALE: 1978 Chevrolet Nova, 4-door, power steering, power brakes, V-8 engine, 51,000 km, 5 new tires plus two snows, excellent condition. \$2,900. 455-5504.

FOR SALE: Nikon camera, w/28mm, 35-80mm and flash, \$320. CGE counter top oven, never used. \$100. Chair and table, \$65. Table lamp, \$10. Panasonic hi-fi, \$210. Phone 423-8854 after 6 p.m.

WANTED: Mesh play pen, good condition. Call 861-1856 between 6 and 8 p.m.

FOR SALE: 30-inch GE range, gold, self cleaning oven, excellent condition. Stainless steel large single sink with taps. 24-inch and 30-inch mahogany slab doors, mahogany kitchen cabinet doors, assorted sizes with hardware. Phone 443-4663 anytime.

FOR SALE: 1979 Chev half-ton, excellent condition. Has fully-equipped camper. One owner. Phone Rod at 426-5426 (days) or 826-7409 (after 6).

FOR RENT: Four-bedroom house in central Halifax. Furnished. Available Aug. or early Sept. 1985 (dates negotiable) until June 1986. \$850 per month plus utilities. Call Jane or Steve, weekdays after 6 p.m. at 454-4015.

FOR SALE: Antique walnut bedroom set. Consists of large 5-drawer highboy, master dresser with mirror, vanity with mirror and matching upholstered stool. Excellent condition. \$900 for complete set. Phone 435-7774 after 6 p.m.

WANTED: Full-size washer and dryer in excellent working order. Phone 435-7774 after 6 p.m.

FOR SALE: Centronics 730 dot matrix printer, friction and tractor feed, 80 column, \$200. ALSO, Quadram parallel interface for Apple II+, I.e. or compatible, \$50. Phone 443-1252 (evenings) or 424-7080 (days). Ask for Bob Blunden.

WANTED: To rent, by family of visiting professor (two adults, four children) three bedroom apartment or house in South End, at least partially furnished, from May 1 to June 30 (or possibly to mid-August). Call Istvan Deak, 424-3624 or 422-2060.