



University News

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Dalhousie University

February 14, 1980

Robertson's Guggenheim grant renewed

Dalhousie pharmacologist **Dr. H.A. Robertson**, Faculty of Medicine, has received a renewal grant of \$19,750 from the New York-based Guggenheim Foundation to study the neurochemical basis of emotional behavior in animal models.

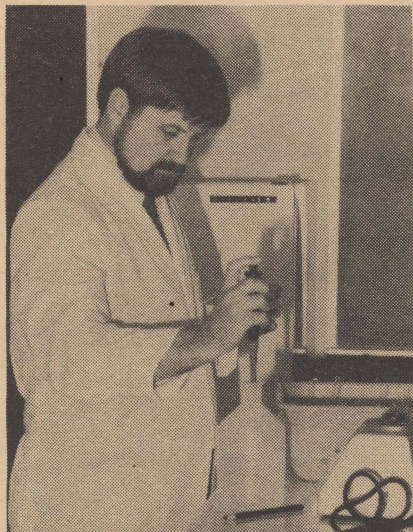
Dr. Robertson's grant is one of 13 announced by the Harry Frank Guggenheim Foundation in support of research to improve understanding of human social behavior.

The Guggenheim foundation chairman, **Peter Lawson-Johnston**, said: "In an era when so much has been learned about the physical universe, it seems remarkable that we have so little scientific understanding of human nature.

"Never was there a time when the causes and effects of man's basic behavior, especially his tendencies to violence, aggression and dominance, stood more in need of explanation and exploration."

The foundation was established in 1929 and its resources are now used to study man's relation to man.

The 13 grants were awarded to individuals and institutions in France, Britain, Canada and the U.S.A. The



Dr. Harold Robertson

support is for studies of free ranging monkeys, free ranging coyotes, mice, jackal families and gorilla groups; studies of female bonding in traditional European society; adaptation of subsistence farmers to the environment in Zanskar Himalaya, India; consistency and variation of paternalistic behavior in adult-child relationships in different cultures, and structures in primate and human social behavior.

BH

Edgar Gold adds third doctorate to Law School roster

by Roselle Green

Dalhousie law professor **Edgar Gold** has been awarded a PhD from the Centre for Marine Law and Policy at the University of Wales in Cardiff.

His thesis, *The International Law and Policy of Ocean Transportation*, deals directly with the focus of his current research on public and private international maritime law.

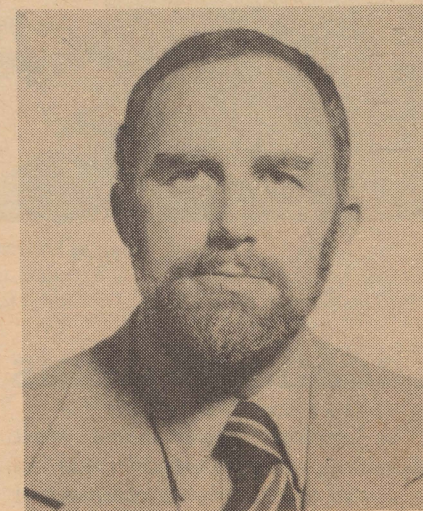
Dr. Gold's background is marine-oriented. He served as a merchant marine officer for 15 years, and also as a master mariner.

Professor Gold holds a BA and LLB from Dalhousie (1967-72). Following two years as a research associate with the International Development Research Centre in Ottawa, he accepted an appointment with the university's Faculty of Law.

He has extensive experience as an international marine consultant, and now serves as executive director and principal investigator of the Dalhousie Ocean Studies Program. This is a five-year, one million dollar project aimed at researching new directions in ocean law, policy and management.

A close observer of the United Nations Law of the Sea conferences, he has also done considerable research in the field of the law of the sea of developing nations.

In addition to his teaching responsibilities in the Law School, he serves as an adjunct lecturer in international maritime law at the Canadian Staff



Edgar Gold, the most recent recipient of a doctoral degree, brings the number of doctors in the law school to three. The others are Douglas Johnston and Leon Trackman.

College, Toronto and the Maritime Warfare School, CFB, Halifax.

Dr. Gold is a member of the editorial boards of the *Journal of Maritime Law and Commerce*, and *Marine Policy*. He has authored numerous papers and is an invited speaker at both national and international seminars and symposia dealing with marine affairs.

The Hicks Era Part 5

In Episode Five of The Hicks Era, the president discusses the university's brief popularity in the '60's, the need for private as well as government

financial support, and the university's strong need to remain independent.

See pages 6 and 7.

Molly is real—

Her \$5 donation may become thousands as farm woman lends her name to medical appeal

by Barbara Hinds

The Molly Appeal for money for medical research has people asking: "Who is Molly?"

Molly is real. She is a woman over 70 years old who has had more than the average share of hardship in her life.

She is a countrywoman, with all the basic sense and down-to-earth honesty endowed on the best of her generation.

She was born in one of the farming valleys of Nova Scotia where daily chores in a large family began once you had passed the toddler stage and were big enough to feed the chickens. Clothes were often handed down

from older to young children, and Christmas and birthday presents were hand-knitted mittens or woolen socks.

Molly is a sturdy product of the one-roomed Red School House. Royal Readers for the better instruction of obedient children were her school books.

As a young woman, Molly married and raised her children, and knew sickness and health, joy and sadness. When she was left a widow, she rolled up her sleeves and went out to work to provide for her family, and money never came easily. Industry and independence were always important

to her pride.

In the valley where Molly lived, when sickness happened, neighbor-farmers helped each other. If someone was too ill to work the neighbors turned out the cows to pasture and called them home for milking. People had a sense of community and shared sorrow when the common fatal diseases of childhood left many a family bereaved.

Diphtheria, meningitis or infantile paralysis still haunted summers when Molly was bringing up her family, but today, they are prevented and other

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Dalplex funds still coming in



Mr. Louis H. Bernard, Atlantic District Manager from Shell Canada, presented Dr. Hicks, university president, a \$10,000 cheque recently. The sum represented Shell's third installment on a \$30,000 donation to the Dalplex fund. (Photography Services photo)

Theatre presents Winter Dance

The theatre department's next production will be **Winter Dance**, an evening of modern dance created and choreographed by **Pat Richards**.

Performed by students from the Theatre Modern Dance class, the program embodies a variety of moods, from the tranquility of *Windows* to the bizarre in *Last Night I Had the Strangest Dream* to the comic feet and legs in *Socks*, and concludes with a

jazzy journey through the city.

Scenography for this production is being created by **Robert Doyle** and **Gene Gibbons**, and will reflect the eclectic nature of the concert.

Winter Dance opens Feb. 14 and runs through Feb. 17 each evening at 8:30 in the Sir James Dunn Theatre, Dalhousie Arts Centre. Tickets are available at the Arts Centre Box Office.

In memoriam

Justice Vincent J. Pottier

Justice Vincent J. Pottier, special lecturer in clinical law at Dalhousie and a Dalhousie alumnus, died last week in Halifax. He was 82 years old.

Mr. Pottier was admitted to the bar in May, 1920 after graduating from the Dalhousie Law School. He resigned from active practice in May, 1970, 50 years later.

Following his retirement, Justice Pottier was actively involved with Dalhousie Legal Aid and with assisting students in the Law School.

Students were drawn by the patience and kindness of Mr. Justice Pottier, says **Chief Justice Gordon S. Cowan** of Nova Scotia. "They found his judgement and advice were invaluable."

"He was a very kind and courteous judge" with special interest in helping young barristers, said **Bruce Nickerson**, president of the Nova Scotia Barristers Society.

Justice Pottier holds honorary degrees from Dalhousie University, Université Sainte-Anne, Saint Mary's University, Acadia University, Université de Moncton, Saint

Francis Xavier University and Mount Allison University. He was appointed King's Counsel in 1932.

He was the first Acadian from Nova Scotia to be elected member of Parliament, representing the federal riding of Shelburne-Yarmouth-Clare from 1935 to 1945. The majority of votes he won during his first election has never been equaled in the history of the constituency.

In 1965 he was appointed justice of the Supreme Court of Nova Scotia and of the Court for Divorce and Matrimonial Causes for the province.

Later that year he was named justice of the trial division of the Supreme Court.

Born in Belleville, Yarmouth County, he was a son of the late Augustine and Rose (Aime) Pottier.

Surviving are his wife, the former Sheila Macdonald (nee Smyth); and a brother, Philomon, of Belleville.

He was predeceased by his first wife, the former Kathryn LeBlanc; and his second wife, the former Helena McKinlay.

Dr. David Rubinstein an appreciation



The sudden death, in his 51st year, of **Dr. David Rubinstein** of the Faculty of Medicine, has shocked and saddened his colleagues, friends and family.

A graduate student found him unconscious in his office on the evening of Feb. 4. A few hours later, he died of a massive brain hemorrhage in the Victoria General Hospital, just seven months after his appointment as professor and head of the department of biochemistry.

Dr. Rubinstein's international reputation had preceded him to Halifax, and his arrival in the Faculty of Medicine was regarded as an accolade and a valuable asset to the Medical School's research and teaching programs.

Dr. Rubinstein's work was in lipid metabolism—the role of fats, their absorption, storage and use by the body. He was bent on discovering how and why arteries harden in some people, why fats cause premature senility in some, while in others they are stored safely as an energy reserve.

He looked ahead to years of absorbing work and had long-range plans he wanted to fulfil. Whether in or out of the laboratory or lecture theatre, his pre-occupation was with biochemistry. In keeping with his devotion to his career, he was working late, again, on the evening he died.

His degrees, BSc, MSc, PhD, and

MD, were won at McGill University, where he spent most of his professional life, and where he was responsible for designing curriculum and was a professor of biochemistry, of medicine and of experimental medicine before he came to Halifax in August 1979.

His list of publications since 1953 are of quality and formidable quantity. He was a member of the American Society of Biological Chemists; the Canadian Biochemical Society; the Canadian Society for Clinical Investigation; the American Federation for Clinical Research; and the Red Cell Club. He was a Fellow of the Council on Arteriosclerosis, American Heart Foundation.

Dr. Rubinstein served as an associate editor for the *Canadian Journal of Biochemistry* and, from 1972 to 1976, he served on the Metabolism Grants Panel of the Medical Research Council of Canada. In 1975-76, he was panel chairman.

Dr. Rubinstein was buried in his native Montreal, mourned by his wife, Blanche, three children, relatives and many friends and colleagues.

The last note on David Rubinstein's curriculum vitae reads: "Graduate Training: 17 PhD awarded; 10 MSc awarded." His graduate students were part of his pride in duty done.

The Rubinstein family and science have suffered a great loss.

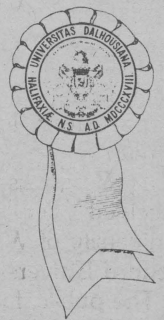
AWARD OF EXCELLENCE FOR TEACHING

The Alumni Association of Dalhousie University will present an award for teaching excellence to a current full-time professor at Dalhousie who has taught for at least three years at this University.

You are invited to:

1. Nominate a candidate of your choice;
2. Submit four other names of students, or alumni who support your choice;
3. Explain why your nominee should be considered.

Deadline for nominations is February 15th, 1980.
Nomination Notices are available at the Alumni Office, S. U. B.



Scottish children's writer visits Library School

Mollie Hunter, internationally-known author of books for young people, journalist, playwright and lecturer, is Writer-in-Residence at Dalhousie's School of Library Service until the end of March, 1980.

Since her arrival on Jan. 12, Miss Hunter has been holding student classes in which she is delivering a series of four lectures entitled "Influences on a Writer."

Later in her stay, under the auspices of the Office of Part-Time Studies and Extension, she will conduct a series of Writers' Seminars, "Writing for Young People and Others: Four Seminars on the Craft and Content of Writing." The lectures scheduled for March 11, 13, 18 and 25, will cover writing in general, technical problems of the craft, aspects of publishing and issues arising from discussion with participants. They are open to the public.

Mollie Hunter's personal life is firmly rooted in Scotland. Her work is unmistakably a product of her deep attachment to this country, and her considerable knowledge of it, yet her books attract a readership which is international. This gives her experience and views special value and relevance to writers in Atlantic Canada and also to publishers, librarians, teachers and others who want to foster a flourishing climate of writing and publishing in this region.

From Feb. 21 to March 8 Miss Hunter will be in California as guest speaker at a conference arranged through the Public Library Services of that state. A further commitment, during her time as Writer-in-Residence, is to speak at McGill University, Montreal, and, if her schedule permits, she also hopes to take up invitations to visit and speak in educational institutions in other parts of Canada.

A dynamic and committed writer, the appeal of Mollie Hunter's work cuts across the age spectrum. This is most typically so in her latest book *The Third Eye*, which is set in a Scottish village of the 1930's. Here, feudal and pagan customs still linger. Here also, against a social tapestry of the times, there is a sifting-out of old loyalties and new betrayals through a cast of

complex and absorbing characters. In the words of one reviewer of this book: "Not since Sir Walter Scott himself, has Scotland produced so brilliant a storyteller."

Other works by Miss Hunter include the award-winning *A Sound of Chariots*, (the 1972 Child Study Association Award), as well as tales based on Scottish folklore such as *A Stranger Came Ashore*, *The Kelpie's Pearls*, and *The Walking Stones*. Her historical novel *The Stronghold* won the Carnegie Medal, Britain's highest honor for children's literature.

In addition to her fiction titles, Miss Hunter has published a book of her lectures on writing for children, *Talent Is Not Enough*. The book is now much used by students and teachers of children's literature.

For further information about the writers' Seminars, please contact the Office of Part-Time Studies and Extension at 424-2475.

Trudeau, Regan rate tops in King's election poll

by Cathy Kerr

The upcoming election seems to be on everyone's mind these days.

Two King's journalism students, **Margaret Little** and **Pam Berman**, co-ordinated an election poll last week with the help of staff from the Dalhousie *Gazette* and fellow journalism students.

The question they asked was: Who would make the best national leader? **Pierre Trudeau** placed first with 48 per cent of the vote; **Prime Minister Clark** received the support of 20 per cent; **Ed Broadbent** captured 17 per cent; and 14 per cent were undecided.

If an election were held tomorrow, would you vote for Gerald Regan, George Cooper or Alexa McDonough? was the other question posed. Mr. Regan received 43 per cent of the vote, with 25 per cent for Mr. Cooper, 19 per cent for Ms. McDonough and 12 per cent undecided.

The poll was conducted by 20

students, with the professional advice of a political science teacher who has operated public opinion polls in the past.

The Halifax telephone book and a random sampling method involving telephone numbers was used to select voters. The last digits of the phone numbers told the pollsters whether to ask for a female or a male voter. Miss Little claims the poll has a sampling error of 6.5 per cent as opposed to national polls, such as the Gallup poll, which have sampling errors of four to five per cent.

Calls were made from Jan. 21 to 28 between 5 and 10 p.m. in one constituency only.

Out of close to 1000 calls, 438 responses were valid; most refused to be polled. (National polls usually survey as few as 1300 persons.)

Prof. George Baine, head of the School of Journalism at King's, is pleased with the students' efforts.

"One of the journalism courses was involved with public opinion, measurement, polling techniques and strengths and weaknesses of polling," he said. "This was an excellent opportunity for the students to try it out themselves."

The students undertook to do the poll under their own initiative, he further commented, and for that they should be commended.

New executive for DSA



The Dalhousie Staff Association (DSA) elected a new executive recently. They are, from left to right: Ian Thomson, treasurer; Kris Calhoun, executive secretary; Linda Scwab, vice-president, upper campus; Blanche Potter, president; Margaret Brown, vice-president, lower campus; Betty Yetman, vice-president, central campus; and Garry MacDonald, member-at-large.

Meanwhile, conciliation meetings between the university and the DSA resume this week. The DSA has been without a contract since June 30, 1979.

Chemistry department hosts high school teachers

A workshop for Nova Scotia high school chemistry teachers sponsored by the department of chemistry recently was attended by 48 teachers representing all areas of the province. This session was the first time the province's chemistry teachers had gathered as a specific group, in contrast to the more general annual meetings of science teachers. Those present requested that a similar session be arranged for 1980.

Activities included two buffet-mixer opportunities for contact between teachers and departmental staff. Presentations of material directly related to

high school chemistry were made by the department and by several teachers.

The featured speaker, **Mr. Frank Jenkins**, reported on the ALCHEM curriculum development. Mr. Jenkins is the director of this unique teacher-developed approach to high school chemistry. Originally developed by Alberta teachers, this material is generating intense interest among teachers of chemistry in the Maritimes. Pilot programs using ALCHEM material are currently operational in P.E.I. and will probably soon be introduced in Nova Scotia.

Killam lecturer looks at Rossetti's art

Dr. Margaret Berg, Killam post-doctoral fellow in the English department, will give a lecture on *Ruskins definition of Rossetti's art* on Friday, Feb. 15 at 3:30 p.m. in the English department lounge, 1424 Henry Street.

Dr. Berg was born in England. She received her first degree at the University of Wales and her D.Phil. at Oxford University.

The public, faculty and students are invited to attend the lecture.

Molly is real—

Cont'd from page 1

rarer diseases have taken their place.

Molly has always cared about living standards and social progress, and she heard of a fund being started to raise money in Nova Scotia for medical research. She also read of the large sums of money being subscribed.

She had five dollars to offer, but felt too shy to give because it seemed so small a sum.

She told a former family doctor how she felt. He told her that even a dollar will buy half a dozen test tubes, and what could be more practical than that?

"There are plenty of Nova Scotians like me. They would like to give too. But they feel their dollar isn't enough. You should find some way to tell them their dollars are needed too," Molly told him.

Her idea filtered through the network to The Sir Charles Tupper Medical Building, and that is how the Molly Appeal was born. Molly's idea was adopted, and an appeal was made as she suggested for every Nova Scotian to give at least one dollar to the Dalhousie Faculty of Medicine Research and Development Foundation to help scientists find the cause, cure, and better still, the prevention of the still incurable diseases.

Social dimensions of the older worker

by Larry Yetman

After two decades of concern about employment of youth, the focus of public policy in Canada has recently begun to shift to a consideration of the plight of the older worker. The problem can be seen as a direct result of the post "baby boom" aging of the Canadian population.

There is now, and will be, an increasing proportion of workers in the over 45 age bracket. The increased visibility of older workers has led to heightened public awareness of their predicament. In general, such workers are known to be subject to age discrimination in employment.

During the summer of 1979, a group of five graduate students at the School of Public Administration directed a team of 19 students in a comprehensive analysis of the social dimensions of the older worker, with particular emphasis in Halifax. The study was funded by Canadian Employment and Immigration Commission and the federal government's Youth Job Corps program.

The study included a survey of Canadian and foreign legislation on the protection of the older worker from discrimination in employment; an investigation of employer attitudes towards older workers; a comprehensive socio-economic profile of the older worker; a survey of potential support services and agencies in the Halifax area; and a comprehensive review of literature relevant to the situation of the older worker. The work involved over 2000 interviews with older workers, employers, government officials, and community group leaders.

The survey of Canadian and foreign legislative approaches revealed distinct differences between the North American and European experiences. The United States and Canada tend to resort to formal judicial and arbitral approaches in protecting older workers. The U.S. Age Discrimination in Employment Act (ADEA, 1967) is, for example, the most advanced piece of protective legislation in the world. Western European approaches tend, on the other hand, to resort to voluntary, exemplary, exhortative, administrative means. The result is a

proliferation of disputes and litigations in North America versus slow and time consuming reforms in Europe. Aside from these two areas, it is clear that the developing Commonwealth countries have not seriously confronted the problem of the older workers.

The findings of the study on employer attitudes contradicted the arguments put forward in the literature on older workers. These contradictions appear to have resulted from the predominance of small firms in the survey. Small firms tend to exhibit favourable attitudes towards the older worker. Larger organizations, on the other hand, manifested views similar to those discovered elsewhere: as companies grew larger, the formality of rules and regulations increased, and more negative feelings towards the older worker appeared. One of the most significant findings suggested that governments as employers had a constantly negative perception of the older worker in all phases of work.

Older workers themselves display a somewhat equivocal appreciation of

their lot, and of the means to improve it. According to the study of worker attitudes, the majority of older workers believe that government agencies should conduct counselling and training programs. They perceive willingness to work, skills, health, education, age and willingness to relocate (in that order) as important in determining whether the older worker would obtain work. Most saw age (an average of 47 years) as a barrier to employment. Most older workers retired only because it was compulsory, because of ill health, or obsolete skills. Most perceived themselves as the victims of discrimination by employers. As remedies for the problem, older workers called for (in order of frequency): fair employment practices based on individual qualifications; retraining and upgrading of skills, changing company policies, and attitudes; improved pension plans; and the introduction of specific legislation aimed at removing age discrimination.

The survey of potential support services and agencies in the Halifax

area found a disturbing discrepancy between the seriousness of the problem and the availability of programs and services for redress. There are, however, a number of support services touching on aspects of the older worker problem (these have been compiled as a bulletin), and a multitude of news ideas about the potential shape of new programs for the future. In essence, the thrust of such programs must be to integrate the older worker, not to alienate or differentiate him or her on the basis of age.

The review of literature on the older worker provides the most comprehensive Canadian overview yet of what promises to be a key question of employment and the economy for the remainder of the century.

Policy Recommendations:

On the basis of research done in this series of projects, it is recommended that the following measures be implemented by government, business, and community organizations:

1. The initiation of a public awareness program concerning the abilities of the older worker, to be aimed at employers in particular.
2. The establishment of employment agencies specifically designed for the older worker. A precedent already exists in British Columbia.
3. The creation of smaller units in the workplace within both business and government, as a means to developing job redesign techniques for the older worker.
4. The creation of retraining programs for the older worker, jointly sponsored by government, business, and community service organizations.
5. Introduction of legislation to incorporate provisions for portability in all private pension plans.
6. Introduction of an amendment to the Canadian Bill of Rights as a means of protecting the older worker against discrimination based on age. Compared to present haphazard provincial laws, such legislation should offer better protection for older Canadian workers throughout the country.



Larry Shaffer, Larry Yetman and John Paul MacDonald, second year public administration students, were part of a five-man team that undertook a study dealing with the social dimensions of the older worker. Phyllis MacAulay and Joseph Rizzetto, missing from the photo, are now studying theology and law respectively.

Managing children in the chair is topic of dentistry course

Dr. Keith Morley, head of the Division of Pediatric Dentistry at the Canadian Forces Dental Services School, CFB Borden, will offer a course in Continuing Education in Dentistry at Dalhousie University, Feb. 18 and 19.

In his presentation, "Child Management," Dr. Morley will cover fears related to dentistry, the role of hypnosis in dentistry, the control of children in dental offices, the use of drugs and sedation techniques, and his views on fluorides.

The course will also include a talk on fluoride metabolism by Dr. Christopher Helleiner of the department of biochemistry at Dalhousie. Dr. Don

Cunningham and Dr. Gwendlyn Terriss, both paedodontists in Dalhousie's Faculty of Dentistry, will join Dr. Morley in a panel discussion on Child Management.

Dr. Morley holds a Doctor of Dental Medicine from the University of Manitoba and a diploma in pediatric dentistry from the University of Toronto. He teaches in the department of paedodontics at the University of Toronto and he is currently editor of the newsletter for the Ontario Chapter Society of Dentistry for Children. Dr. Morley has lectured extensively across Canada. He is head of the Canadian Dental Association Accreditation Team, Dental Assisting program,

Kelsey Institute of Technology in Saskatoon.

This Continuing Education course will be of interest to all those who work with children either in the dental office or in public health dental programs. The course in Child Management is part of the Continuing Education Program offered by the Faculty of Dentistry for dentists and dental hygienists in the Atlantic area. It will be held in conjunction with the annual dental student table clinic presentations on Feb. 18. For more information on this or other courses contact the Continuing Education in Dentistry office (424-2277).



Dr. Keith Morley

"Hello? Hotline to the Health Team?"

Sometimes help is just a phone call away by Gina Wilkins



"Have we got someone on the line?"

Dave Wright's Hotline studio is a small, brightly lit room. Three of the walls are not walls at all, but large windows looking up to control rooms where technicians deftly co-ordinate talk, taped advertisements and incoming and outgoing telephone calls, quietly signalling and sliding levers on a wide panel.

"O.K. We have a caller on the line. Hello? . . ."

Wright sits at a small table in a comfortable swivel office chair, ear-phones wrapped over his head familiarly. A microphone hovers in front of his face, just about at mouth level.

Across from Wright sits **Denise Sommerfeld**, an assistant professor in Dalhousie's School of Nursing. It's her first time in the studio. She concentrates to hear the caller's question . . .

"I'd like to speak to the doctor please."

"Dr. Goldbloom, are you there? . . . Go ahead caller."

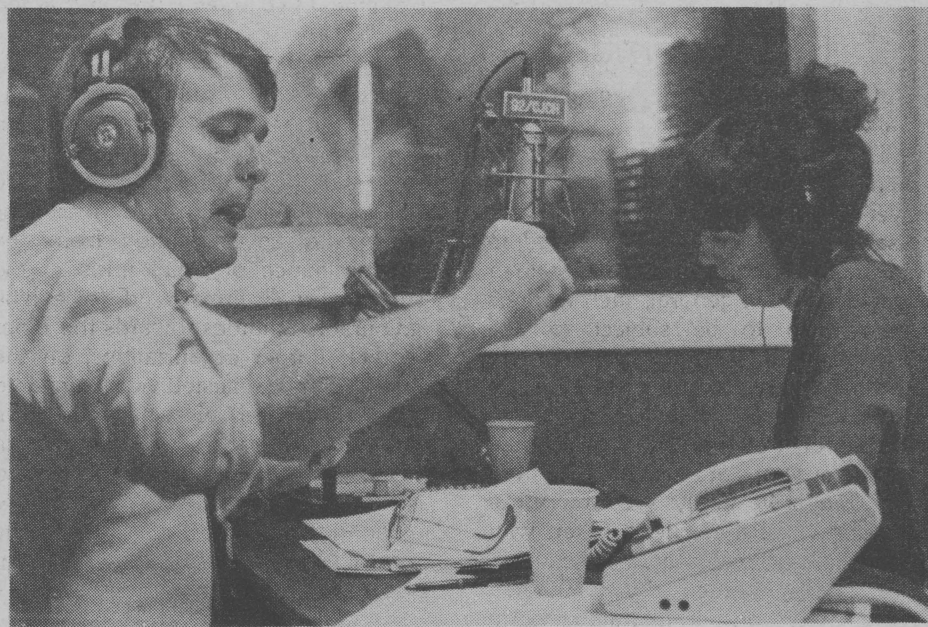
The call is hooked up to another line where **Dr. Alan Goldbloom**, another Dalhousie faculty member, listens in his office in the I.W.K. Hospital.

"Is circumcision necessary?" And the discussion begins.

"I was nervous," Denise Sommerfeld admits about her appearance on the talk show, although you never would have known it from the quiet reserve and calm she exhibited in the studio. Denise is part of the Health Team, set up by the School of Nursing, which offers its services once a month to Dave Wright's talk show audience in a special feature, *Hotline to the Health Team*. The Health Team show is one of a series of four weekly offerings initiated by CJCH to bring information about the helping professions to the general public. The other professions participating include law, consumerism and police protection.

Each *Hotline to the Health Team* program is hosted by interviewer Dave Wright and is co-hosted by a faculty member from the School of Nursing. At the opening of a show Dave and the co-host briefly discuss the topic of the day, some component of physical and emotional wellbeing. Last week's show, Denise's, focussed on children, their emotional and physical needs.

After discussion the program goes



"Go ahead, caller, you're on the air." (Wilkins photos)

on to the talk show format as the phone lines are opened and callers are invited to submit questions. During this time, other health professionals, such as physicians, nutritionists or other faculty from the School of Nursing, are available to the listening audience by telephone hookup. Last week the Health Team was rounded off by Dr. Alan Goldbloom of the department of pediatrics, **Elizabeth Crocker**, director of child life at IWK and **Ann Freyer**, a nutritionist with the Department of Health.

"What is 'weak-eye'?" "Is it better for my grandchild to wear hard or soft shoes?" "What is dyslexia?" "What can I do about my child's fears?" "My daughter won't eat. What should I do?"

The questions are many and varied. Each specialist makes contributions to the listeners' calls in his or her area of expertise.

"It's a health education kind of thing we're offering here," Denise Sommerfeld comments on the School's involvement. "It's more than sickness needs. In the School of Nursing we are trying to promote the approach of

maintaining good health," rather than just dealing with illness once it occurs.

"People need to ask questions. They want someone to talk to them. They can usually figure a problem out by themselves, but they need reassurance. They need to be told they are doing a good job."

The people who choose to call in to a talk show are probably those who hesitate to ask questions in the doctor's office, Denise speculates. But on the telephone, they have anonymity, they can get a problem off their chests. Those involved with the Health Team (**Mary-Lou Ellefson**, who initially co-ordinated the effort; **Jeannie Hughes**; **Debbie Tamlyn**; **Denise Sommerfeld**; and **Pat Sullivan**—all are faculty members in the School of Nursing) feel they can function as a resource for listeners, putting them in contact with useful, easy to understand, accurate information.

"Hello? Hotline to the Health Team?"

"Yes, caller, you're on the air. Go ahead."

"What about jolly jumpers? Are they safe?"



The questions are varied—serious ones . . .



that take explanation . . .



. . . and concentration



. . . and some that tickle the co-host's fancy. (Wilkins photos)

The Hicks Era, 1960 - 1980 Part Five

There aren't many votes in supporting higher education

In this fifth segment of the interview with Dr. Hicks, he talks about:

- The brief popularity of universities in the Sixties;
- The impact of funding from non-government sources—and the need for it;
- The need for universities to remain independent.

by Derek Mann

Q. The operating grants for Nova Scotia universities for 1979-80 were increased by about 5½ per cent. Is this a sign that there are no votes at the moment in higher education?

A: Oh, I don't know as there have never been many votes in supporting higher education, except for that brief period in the 1960s after the Russians put their Sputnik in orbit and the western world got the wind up, particularly the United States, that the Russians were making a great leap ahead technologically and scientifically. For about a decade it was popular for politicians to put money into post-secondary education and research, and some of it was no doubt abused and, of course, the Sixties ended on the note of student unrest and staff unrest and so on, and to use a slang expression, you might say that we in the universities "blew" the opportunity that was there for us. That's an overstatement.

But aside from that, at no time have universities been popular institutions with the rank and file of people, because the universities have always thought to include, or enclose—and that was in the literal sense in the early universities of Europe and the United States—a privileged group of people, an elite, an intellectual elite who regarded themselves as such and who adopted attitudes of the elitist portion of society which they were, toward the rest of society.

Furthermore, don't forget—and this is where there's a great change today, the importance of which should not go unheeded—in the 19th century universities were not very important to the working of society. There weren't many things that required the kind of education that universities gave, that had to be done in order to keep the wheels of society moving. Even lawyers weren't trained in universities, you see. Doctors were, largely, but in Britain a large portion of their education wasn't in universities but was in hospitals, sometimes almost totally unconnected with universities.

Today, you only have to mention

the consequences of the discovery of the internal combustion engine followed by the discovery of electricity and then the electronics industry, not to mention now our involvement with atomic energy and advanced forms of electronics and things like this—there are many things that have to be done in the world that can only be managed by people who have a great deal of sophisticated post-secondary education. The world is really more dependent on universities than it was a hundred years ago, but I don't think the rank and file of people even stop to think of this very much, and so I think that the popularity of post-secondary education has fallen back in the last five or six years, you might even say in the last decade, to what it was before the 1960s.

Ed. note:

Dr. Hicks's comments about the Maritime Provinces Higher Education Commission [MPHEC] and the low percentage increases in the operating grants for Nova Scotia's universities over the last three years were, of course, made long before the recent announcement of the MPHEC's recommendations for 1980-81 and the subsequent announcement by the Nova Scotia government for operating grant increases of 8.1 per cent.

That announcement, Dr. Hicks said last week, had restored some of his faith in both the MPHEC and the government "even though I still do not think our universities are receiving what they need."

Q: How important a role is played by funding from sources then, other than government, and what are the problems you find when you go on a fund-raising campaign?

A: Well, this university has one of the lowest proportionate measures of support from government of any university in Canada. This is because our endowment fund, by Canadian standards, is second only to McGill's—it's still not large—but it does at least produce six to seven per cent of our

operating revenue. We don't count our ancillary enterprises and research grants as government money, even though most of the research grants come from government agencies. But when I say governments pay 70 per cent of our operating costs, that doesn't include the research money. Our student fees—and we can't be very pleased about this—are among the highest in Canada; still, they don't produce more than 10 to 11 per cent of our operating costs.

When we go to raise money from industry, from non-government sources, we are being faced with the argument these days, "Well, governments are paying so much of the costs of universities that it isn't necessary for us to support." I haven't encountered that very much but some of my colleagues tell me that they have encountered it rather more.

My own view is that the corporate community in Canada has been quite responsible in its attitudes towards support of post-secondary education and research—no, not research. Our corporate citizens have been notably bad in their contributions toward research in Canada and indeed this is why Canada's percentage of R and D—research and development—expenditure is among the lowest of the developed countries of the world, less than one per cent, whereas in some of them it's over two per cent, and the Senate Committee on Science Policy, at the beginning of the 1970s, recommended that Canada, by 1980, should come up to 2.5 per cent of the gross domestic product to be spent on research and development. The government did nothing about this and the science policy committee, the same committee, after I had joined it, as a matter of fact, revised its recommendation and said they should try to achieve 1.5 per cent by 1983 or 84. Again, the way the government is going now—because that's where a lot of this money has to come, either from government or from industry—and the way the government is going and the way industry is going now it isn't going to achieve that figure by 1984.

Q: What about other funding—donations from such benefactors as the Killam Trust?

A: You've mentioned one that has, of course, been of outstanding significance to Dalhousie. Without the bequest from **Dorothy Killam** we could never have achieved what we have in graduate studies and research in this university. This sum of money, which when it's all in, will amount to more than thirty millions of dollars—most of which, I believe, has been received already—has enabled us to put ourselves quickly in the position where we can compete among the top half dozen or 10 universities in Canada for graduate programs and research. This is very significant, very important to us. Unfortunately such bequests are very rare, too, though at Dalhousie we have been fortunate in having a number of others. The money from **Sir James Dunn's** estate and foundation, though directed to different purposes, has built our physical sciences building, built and endowed the library in the law school, and has endowed some professorships and so on.

But by referring to these large bequests, I wouldn't want anyone to think that it isn't important for the rank and file of the alumni of this university to continue to support their university. Gifts of five, 10, 50 and 100 dollars a year, when added together, all contribute to our ability to maintain a more independent posture from government—and this is very important. It's difficult to judge our annual alumni fund now because we have interrupted it with special appeals such as the one for our athletic complex and the Dalhorizons campaign. At the time we introduced the Dalhorizons campaign our alumni fund was not accomplishing as much in comparison with other universities. I hope it will improve.

Q: Could the university survive without these private donations?

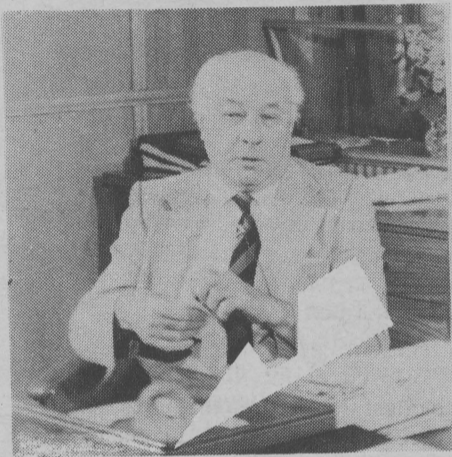
A: Certainly we could survive, but we couldn't maintain the quality that we think we are achieving today. Certainly



The way the government and industry are going now, the recommendation that 1.5 per cent of the gross domestic product should go to R and D by 1984 will not be met. (Wilkins photo)

Although people don't think about it, the world is more dependent on universities now than it was 100 years ago

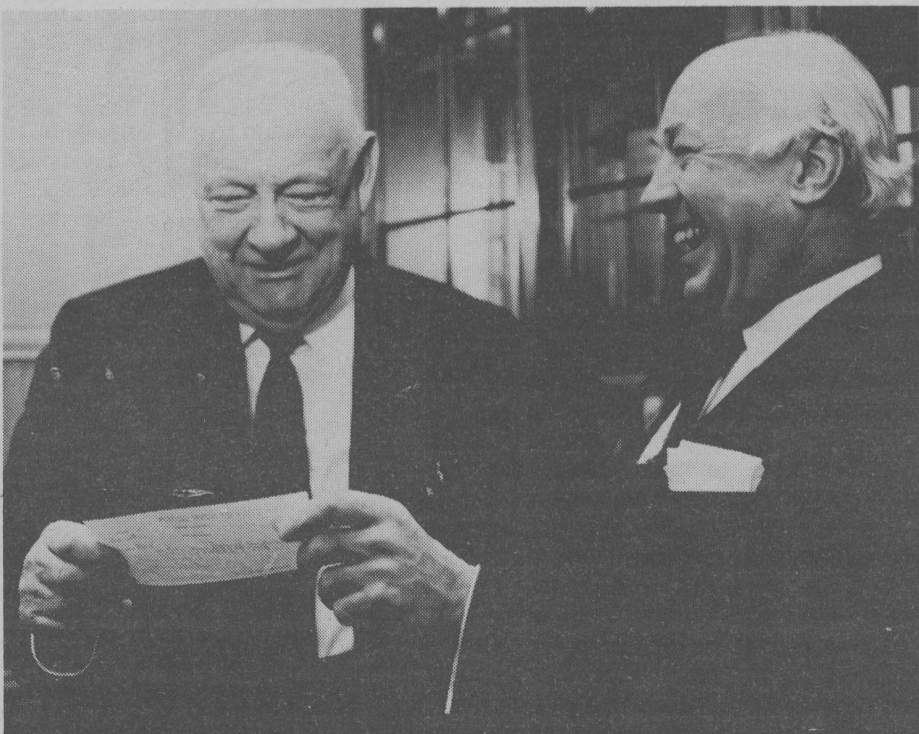
Without the Killam bequest, Dalhousie wouldn't be where it is today



We don't want to be too dependent on government funding because, "ultimately, the one who pays the piper is going to call the tune." (Wilkins photo)

we couldn't have survived in graduate studies if it hadn't been for the Killam bequest because the government of Nova Scotia never supported us to the same extent in graduate work as the governments of Ontario or Quebec have done. So these bequests have been of vital importance to us, and it

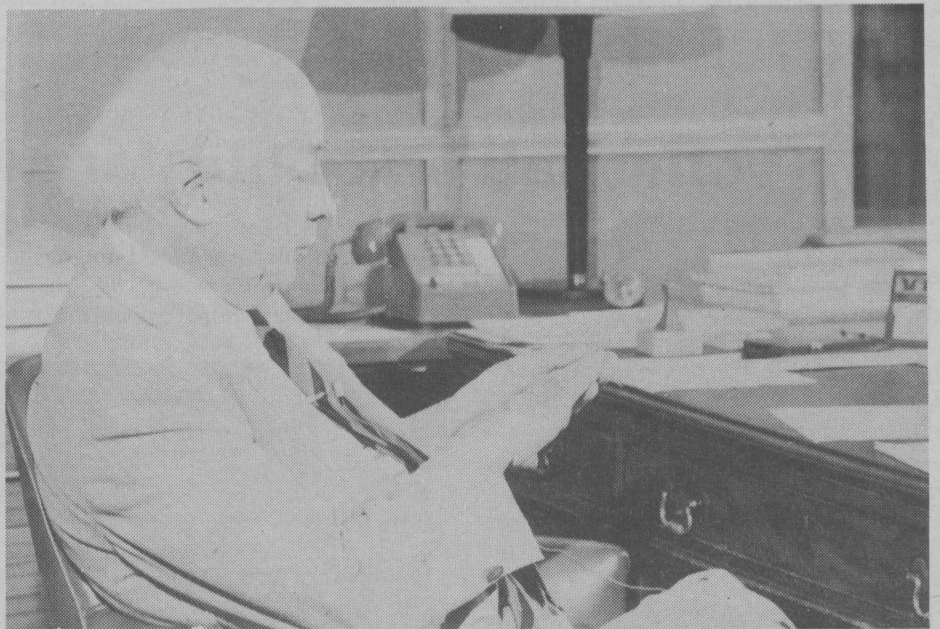
must be remembered that, if a university becomes dependent upon government, then ultimately the one who pays the piper is going to call the tune, and it leaves less and less room for us to do our own thing—to develop special programs and special qualities in the university.



An occasion when the money situation didn't look as bleak as usual was when the late R.A. Jodrey donated \$1/4 million to the university's fundraising campaign. (Wambolt-Waterfield photo)



The struggle for more money is a never-ending one for the university president. Here Dr. Hicks lends his face to a cause other than the university. The pie throwing contest, sponsored by the Dalhousie Association of Female Students last year, raised \$225 for the Children's Aid Society. (Wambolt-Waterfield photo)



Canada's corporate community has been quite responsible in its attitudes towards support of post-secondary education — except in the area of research, says Hicks (Wilkins photo)

Next week Dr. Hicks talks about: His disappointment with the Maritime Provinces Higher Education Commission; Universities as big business; Amalgamation of N.S. universities.

Headed for the big times, Gualazzi traded North Stars training for Tigers stripes

by Joel Jacobson

A young man who has played hockey with a budding NHL superstar and who hails from a city that has produced a wealth of hockey stars has not let his goal scoring ability and potential NHL talent go to his head.

Brian Gualazzi, 20, could have had the hockey world by the tail with a little patience. But he left the Minnesota North Stars training camp after a couple of sorties in exhibition play, deciding that pro hockey wasn't for him at that time. An education was more important.

And thanks to the persistence of Dalhousie hockey coach **Pierre Page**, Gualazzi today wears Tiger livery and is scoring goals in bunches, helping the Tigers to their contending position in the AUAA's Eastern Division.

Gualazzi, a native of Sault Ste. Marie, Ontario, grew up with hockey. He has played as long as he can remember and has been a goal scorer through much of his career in bantam, midget and junior hockey. The freshman commerce student, coming out of three years of Junior A hockey in the Ontario Hockey Association, led the league in goal scoring last year with 75, breaking a mark established a year earlier by **Wayne Gretzky**, then with the Soo Greyhounds as a teammate of Gualazzi, and now burning up the NHL with the Edmonton Oilers.

Gualazzi played on a line with Gretzky in 1977-78 and created interest from scouts with his performance that year. Last year, he filled Ontario nets with pucks, and the North Stars selected him sixth.

"It was always my ambition to play professionally, but I was never obsessed by it. I was one of the few guys

on the Soo club attending school while I was playing, and I always did reasonably well in my classes.

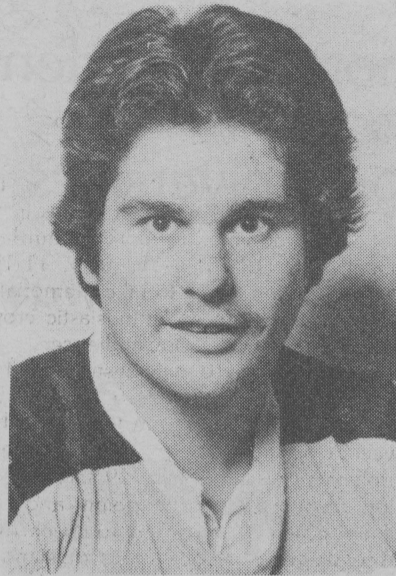
"I had a good training camp and was playing well. In fact, my biggest hockey thrill was scoring a goal in my first exhibition game with the North Stars. It came against Detroit and we were playing in Sault Ste. Marie, Michigan, just across the bridge from home. I had a lot of family and friends in the stands.

"However, I wasn't getting my answers when I asked about making the team. I felt if I had to go to the minors, I should return to school. When I finally sat down with **Lou Nanne** (Minnesota General Manager), he admitted he couldn't fault my decision because 'I did the same myself.'"

Gualazzi hasn't any regrets. "I chose Dalhousie because of the excellent academic reputation, plus the Tigers did well last year. When Coach Page contacted me, it didn't take long to make up my mind."

Gualazzi feels the AUAA is a totally different type of hockey than he was used to in Ontario. "The teams here play more defense. Each club is more 'team' oriented, too. In the Junior A league, there are two or three stars per team. Everyone is out for themselves because the scouts are watching. But here the players play as hard, but together."

"College hockey is as rough, but in the OHA fighting is not as discouraged as it is here. If you fight in the AUAA, you run into suspensions. Therefore, players are less willing to fight and will retain their sticks. They'll retaliate with high sticks. In the OHA, the gloves



Brian Gualazzi

would be dropped right away, the fight would take place and everyone would return to playing hockey. Sticks are carried much lower."

Gualazzi is surprised that the refereeing is so inconsistent in the AUAA. "The skill level of the players is high, but the calibre of the officiating is not where it should be," he admitted.

Gualazzi has seen many fine hockey players come from the Soo. The names read like an all-star lineup with Gretzky, Nanne and **Phil** and **Tony Esposito** calling the Soo home.

He has met several players in the AUAA who have played with him at the Soo—players like **Tony Cuomo** and **Greg Keating** of St. F.X., **Dan Doyle** of Acadia, **Zoltan Kovacs** and **Dan Russell** of the St. Thomas Tommies, and **Mark Locken** of St.

Mary's. On the ice, there is no love lost between these "friends", but after the game, they get together to recall hometown happenings.

Gualazzi now plays center for the Tigers. He started the season on right wing. "I can score more goals at wing than at center," he answered when queried about the seeming falloff of goal production through the last few games. "Coach Page had to split up our lines because we were concentrating our scoring among four or five players. I am getting many more assists now than goals. I don't care who puts the puck in the net as long as we win."

The 6'0", 185 lb. center has had some stick trouble this year. Twice he has had claims made that his stick has too much curve. The allowable amount is 1/2 inch. A goal was disallowed against St. F.X. early in the season and in Montreal, a penalty was called against the club in a tournament game because Gualazzi was thought to have an illegal stick.

"No more," says Gualazzi. "They are watching much too closely here. Last year, I scored 75 goals and never once had a claim made. I guess here, where there are so few games, and everyone is so important, the coaches are looking for any advantage they can get."

Gualazzi has contributed significantly to the Tigers this season. His goal scoring, and now playmaking, have meant much to a Tiger team that lost a significant amount of its firepower from the championship season in 1978-79.

Two volleyball stars bid farewell to the home turf

Susan Cox and **Beth Fraser**, two former most valuable players on the Dalhousie women's volleyball team, will be playing their last regular league home game Saturday at Dalplex. Both girls will be honored in ceremonies before the start of the 1 p.m. game with Moncton Blue Angels.

Cox starred for four years with the Tigers after completing her high school career at Colonel Grey High School in Charlottetown. She followed her older sister Carolyn to Dalhousie and teamed with her to lead the Tigers to the AUAA championship that season. The fourth year nursing student has been a starter for four years.

Fraser, from Halifax West High School and also from a volleyball family (father Dave played with Dal in the fifties while sister Karen and brother Jamie are current Tigers), joined the Tigers in 1976-77. Along with Susan, she was a member of the provincial junior team that coach **Lois MacGregor** took to the Canadian

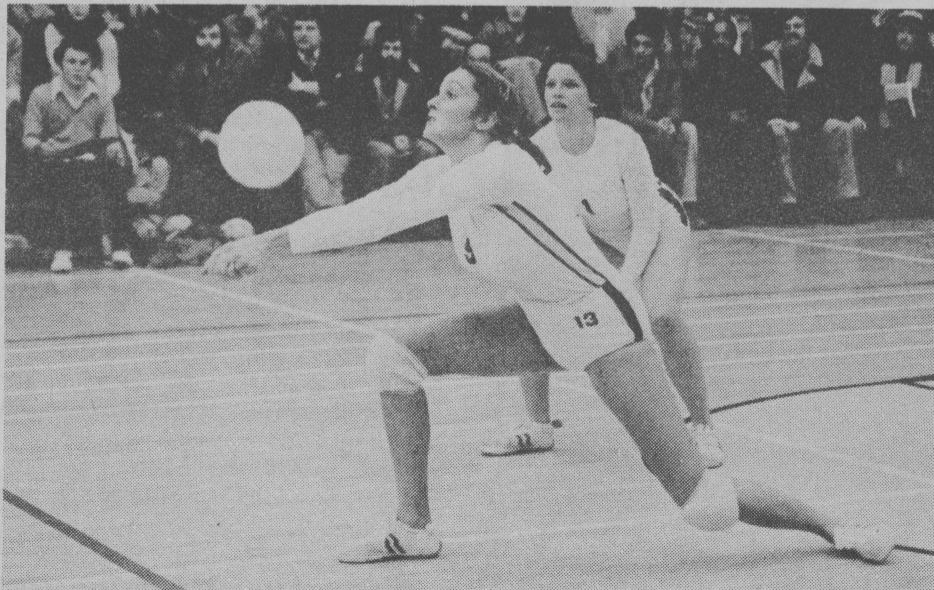
Juniors (fourth place finish) and to the seniors (seventh).

Fraser, named MVP last season, is a

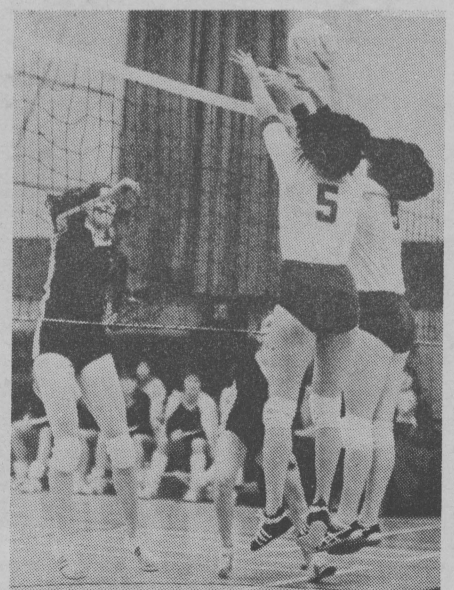
first year MBA student after receiving her Bachelor of Science degree last year.

Cox, co-captain of this year's team, was MVP in 1977-78.

JJ



Susan Cox



Beth Fraser

Spartan Review

Tigers continue successful record

The Tiger has roared in the clutch and three Tiger teams have either clinched or retained their first place edge on the rest of the AUAA.

The women basketballers clinched first place in their league with a sweep of UNB in Fredericton; the women volleyballers clinched a tie for first and could wrap it up with a win Saturday against Moncton at Dalplex; the hockey Tigers roared back into first with three wins in the last week and led Saint Mary's by a point heading into last night's game.

Basketball Tigers Take Top Spot

Carolyn Savoy had to use all her coaching wiles to help pull out Saturday's one point win over UNB (51-50) after the Tigers tripped the Red Bloomers 57-47 Friday. The sweep gave the Tigers all four games with UNB, the first time in history Dal has taken the season's series from their arch-rivals. The win Friday was the Tigers' first in eight years in Fredericton.

Savoy was handicapped Saturday by early foul trouble with **Jill Tasker**. This cut out the inside threat and the Red Bloomers trailed by only one at the half. The lead seesawed throughout the second half until UNB got the ball, trailing by a point with 23 seconds to go. The Dal defense tightened and forced UNB to throw up a shot, which fell shy, in the dying seconds.

Carol Rosenthal led Saturday's charge with 20 points, mostly clutch shots in the second half. Tasker with 14 and **Patti Langille** with 12 paced Friday's win.

With a 13-0 record and three games to play, Dalhousie will host the AUAA finals later this month and will host the CIAU championships March 6-8.

Volleyballers break jinx

The gal volleyballers broke a season long jinx by besting Memorial in the second match of a weekend series in St. John's, Nfld. After dropping Saturday's match 3-1, (13-15, 4-15, 15-6, 11-15), the Tigers came back to take Memorial in five games before an enthusiastic crowd and a live cable television audience.

Colleen Doyle was instrumental in Sunday's 15-7, 15-13, 9-15, 15-17, 15-9 win. She came back from two and a half weeks on the injury list with ankle problems to total 13 kills, 19 serve reception points, 14 serving points and four blocking points. According to coach **Lois MacGregor**, "Her play was outstanding in Saturday's loss. In fact, she was the only player who performed well. Sunday, she was super. You would never believe she had been out that long with an injury, she played with such intensity."

The win gives the Tigers a 10-1 record, one game better than Moncton (9-2) and a game and a half better than Memorial (9-3) with one game remaining against the Blue Angels.

A Dal win Saturday means the Tigers will host the AUAA's March 1-2. A loss means the league looks at games between the two clubs and, since Dalhousie won the first match with Moncton in straight games, Coach MacGregor is confident the Tigers will host the AUAA's.

Hockey Tigers back on top

Even though the officials seem to be down on Dal, the Tigers came through with three good performances in the past week to return to first place. A solid win against Acadia (4-2) was followed by a lacklustre 6-5 overtime win over UNB Saturday and a resounding 8-1 thumping of St. Thomas Sunday.

Coach **Pierre Page** was tearing his hair out, however, after Sunday's win. "I was thrown out of the game Sunday and will be suspended for at least one game because the referees are looking for the Tigers. It was dumb of me to get the penalty, but the referees have been so frustrating."

Page was called for delay of game early in the third period while deciding which player would serve an infraction for too many men on the ice. Most observers felt the delay of game call was unfair, including Page.

"The referees have been watching us so closely because we have the reputation of playing rough hockey. They have been watching us and ignoring our opposition for so long that it's getting frustrating," complained the Tiger coach.

Saturday night against UNB, the evidence was never stronger. A totally unnecessary call against Dal with two minutes to play in regulation time and the score tied, could have demoralized the Tigers. The linesman, delaying his puck drop all night, again held the puck glued to his fist while the players clamored for it deep in Tigers territory. When he waved the centreman out of the faceoff area, a comment was made and he informed the referee a penalty should be called. It was a

call brought about by the linesman's inefficiency, rather than the hockey players' infraction, according to observers, and Dal was made to pay.

However, **Louis Lavoie** ended the frustration with 33 seconds remaining when he drove in a blistering drive from the blueline. Dal had a 6-5 win in a game that the offense seemingly attacked when it had to and the defense made several key errors.

Sunday **Barkley Haddad** scored his eighth and ninth goals in 10 games and **Rick McCallum** added two for a season's total of 17 to lead the Tigers. McCallum now has 38 points (17-21) to lead the team in scoring. **Brian Gualazzi** (18-19) tops the club in goals and is second in overall scoring.

Heading into last night's game with Saint Mary's, the Tigers led the Huskies by one point and St. F. X. by four.

Dal men basketballers drop one to UNB

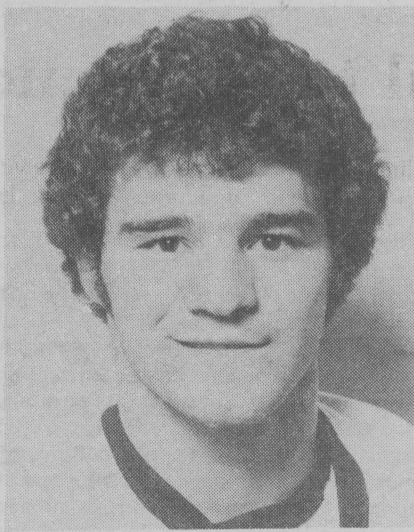
After scoring 92 points against Saint Mary's last Wednesday, the Tigers travelled to UNB Saturday and scored another 85. Both totals should have been enough to win most games, but the defense didn't show up either day and two losses resulted—107-92 to SMU and 108-85 against UNB.

However, a 92 point performance against Mount Allison was enough for **Doc Ryan's** guys to better last year's league and season win totals. The 92-78 win gave Dal three league wins (topping last year's two) and five wins overall (one more than last season).

Athletes of The Week



Colleen Doyle—women's volleyball—the first year physical education student from Margaree Forks, N.S., led the Tigers to a win over Memorial last weekend. She was returning after three weeks on the sidelines with an ankle injury and played an outstanding game in Saturday's loss before starring in Sunday's win. She collected 13 kills, 19 serve reception points, 14 serving points and four blocking points.



Louis Lavoie—hockey—the spark-plug defenceman of the Tigers was instrumental in three wins last week. Lavoie scored the overtime winner against UNB Saturday and picked up two assists and added an assist in each of the games with Acadia and St. Thomas. He now has six goals and 25 assists this season. Lavoie is in second year physical education and hails from Cicutimi, P.Q.

Feeling all wet? Pop down to the pool for the water polo invitational this weekend

What promises to be the biggest and best Water Polo Invitational Tournament in Dalhousie history will take place at Dalplex Pool Friday through Sunday.

Six teams, including the Dalhousie Tigers coached by **Ken Clark**, will be competing for tourney honors. Clark, a former student of the School of Physical Education and now a staff member of the Halifax Recreation Department, has an extensive background in water polo. He has held the position of development coordinator of the Nova Scotia Water Polo Association for the past several years and he has been coach of the Dal Tigers for the last four seasons.

Among the favourites in this weekend's tourney will be McMaster, currently ranked number one in the country, and two teams from Carleton, which holds the second position nationally. Dalhousie rates fourth.

Memorial of Newfoundland, headed by coach **Gaeten Turcotte**, a member of the bronze medal winning Canadian Pan American Games team,

is in the field as is the Nova Scotia All-Star squad, a blend of junior and senior provincial team members.

Clark, a level three certified coach, is optimistic of the Tigers' chances. "The increased practice time we have had because of the Dalplex has meant better conditioning and improved game skills. Our team has always had a conservative playing style with a tough defense. We've been working on speeding up our play and breaking out more quickly because of our better conditioning. I'm expecting big things from **Sandy MacDonald** and from our younger players."

Clark expressed pleasure with the Dalplex. "The pool is of regular international width, which assists us in our preparation for national events. The Dalplex staff has been most cooperative in assisting us in getting ready for this invitational event."

The tourney starts tomorrow evening and continues Saturday and Sunday. The final will be played Sunday afternoon.

Sports Briefs

Wendy's Restaurants to Offer Intramural Awards

Intramural athletes rarely get recognition in the university community. Generally, the headlines go to the Varsity athletes.

Wendy's Restaurants want to make a change. In cooperation with the Division of Athletics, Wendy's will be presenting special awards at the annual Intramural Awards Banquet to the male and female Intramural Athlete of the Year.

A selection committee comprised of sport convenors, officials and intramural council representatives will make the selections.

In addition, Wendy's is assisting the program by taking advertising space every two weeks in the Dalhousie *Gazette* to inform the university community of intramural schedules, results, standings and features.

Racquet sport instruction at Dalplex

Are you planning to start or resume tennis this summer? You don't have to wait until the days get warmer, you can get ready and enter the season in full swing by taking tennis lessons right now. Dalplex makes it possible.

Classes for beginners and advanced players will be offered each Saturday at 9 a.m. (beginners) and 10 a.m. (advanced) beginning March 1.

Jan Prsala Sr. will instruct the course which will provide eight instructional hours.

Squash lessons for the novice and intermediates will be offered by the Division of Athletics and Recreational Services. The participant will receive a 20 minute lesson for five consecutive weeks, beginning Wednesday, Feb. 27th, at 5:30 p.m. The course will supply the student with an understanding of the game and the means to rapidly improve. Instruction will include grip, forehand, basic ball control, balance, service, etc.

Further information is available by calling 424-2152.

Athletic Schedule

Basketball (women's)

Thurs. Feb. 14—Dal at Acadia—7 p.m.

Sun. Feb. 17—SMU at Dal—8 p.m.

Tues. Feb. 19—Dal at St. F.X.—6:30 p.m.

Basketball (men's)

Thurs. Feb. 14—Dal at Acadia—9 p.m.

Tues. Feb. 19—Dal at St. F.X.—8 p.m.

Hockey

Sat. Feb. 16—Acadia at Dal—8 p.m.

Wed. Feb. 20—St. F.X. at Dal—8 p.m.

Wrestling

Feb. 22-24 AUAU championships at St. F.X.

Volleyball (men's)

Sat. Feb. 16—Unv. de Moncton at Dal—1 p.m.

Volleyball (women's)

Sat. Feb. 16—Unv. de Moncton at Dal—2:30 p.m.

Swimming & Diving

Feb. 16-18 AUAU championships at U.N.B.

Guest Lecturer

John Neulinger, a psychology professor at City University of New York, will lecture at the School of Physical Education Friday, Feb. 15 at 3:30 p.m.

Neulinger, who has written extensively in the areas of leisure, aging, intelligence and leisure counselling, will discuss "Leisure or Free Time: What is the difference and what difference does it make?"

JJ

Violence in home examined in Medical School's TV series

Violence is at the core of most tragedies in classic literature, and today it is substance for much of the entertainment in cinemas and on television screens.

In the home it erupts in domestic conflicts as child abuse and wife beating—a problem of growing dimensions and increasing concern. In its extreme form, violence is murder. In Canada, a third of all murders are committed within the family. (The figures for non-fatal injury in this area are vague.)

The subject, *Violence in the Family*, is examined in a sensitive series of television programs aired on Channel 10, Halifax Cablevision. The series began Feb. 11.

The programs are intended to help abusive or potentially abusive parents to recognize their child-rearing problems by looking at the reasons why children and wives are injured by their closest relatives.

Originators of the series were a professor of family law, **Alastair Bissett-Johnson**, and a paediatrician, **Dr. John Anderson** of the Izaak Walton Killam Hospital for Children, where five battered children have died

Expansion, interaction highlight African Studies' activities over past two years

by Cathy Kerr

Expansion in the Centre for African Studies in terms of workshops, public education, fellowships and awards, the seminar series, graduate education, and the publications program was highlighted in the Centre's 1977-79 Biennial Report released recently.

The Centre's fortnightly seminar series was arranged thematically for the first time in 1977-78, and was complemented by a series of informal lunchtime seminars focused on current affairs and debates on topical presentations. Both programs have continued through 1979.

In 1978 a workshop was held on the Horn of Africa involving a number of renowned scholars and professionals working in African affairs.

The Centre's first brochure was produced, outlining activities in and facilities for African Studies.

Co-operation with a number of interested institutions and organizations in the city as well as in the wider region and other universities was continued by the Centre. Speakers were provided from the faculty for schools, service clubs and media reports on African affairs. There was, for example, a series of discussions on Third World Development—20 to 30 minute interview programs on Africa—organized by the International Education Centre at St. Mary's University in co-operation with Halifax Cablevision, in which the Centre participated.

The interdisciplinary nature of the Centre for African Studies and the Centre for Development Projects provides a positive basis for co-operation and interaction between members of both centres. The Centre for Development Projects is assisting in the further development of training programs at the Ghana Institute of Management and Public Administration (GIMPA) under the terms of an agreement between Dalhousie University and the Canadian International Development Agency (CIDA). The focus of the program is on economic development, project planning and financial management. Under the Canada-Ghana agreement, provision is made for overseas tours and training for instructors and selected officials from GIMPA and various ministries. It is the interest of the program to build up a faculty of instructors at GIMPA to run the program without external assistance.

The biennial report gives information on all the activities of the Centre for African Studies including staff lists, changes in membership, undergraduate and graduate programs. Also included is "The Centre and the Local and Professional Communities", in which the Canadian Association of African Studies, the Centre and the Community, and other related topics, are discussed, and a list of publications by members of the Centre is given.

There are copies of the report available at the Centre for African Studies, 1444 Seymour Street. Those interested are invited to drop by at any time and browse through.

in recent years and where many others have been treated for scalds, burns and fractures of limbs and skulls, deliberately inflicted.

As Dr. Anderson and Prof. Bissett-Johnson are involved in treating the physical injuries or in righting the wrongs caused by violence, they are also seeking ways to reduce the incidence of child and wife abuse.

They approached the Faculty of Medicine with this end in mind. The result was the public education TV series which started last week.

The Faculty of Medicine has studios and a mobile crew for shooting film and videotape on location. Physicians, lawyers, a judge and social workers from the Metro area have all given their time to make this eight-part series possible. Consultant paediatrician **Sister Nuala Kenny** and Halifax lawyer **Don Oliver** are the program moderators.

Programs in the series yet to be aired include: The Battered Wife, Sexual Abuse, Inside the Violent Family, The Law and Abused Children, The Law and Abused Wives, Present Resources, and Prevention.

BH

Awards

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

Domus Scholarships. Balliol College, Oxford, will elect two Domus scholars to come into residence in Oct. 1980. Only overseas students of either sex will be eligible, with one application in the Arts and one in the Sciences. The scholarships will be tenable for two years. The elections will be made on the basis of academic merit. The scholars will be required to work for a higher degree in the University of Oxford and to fulfill the University's requirements for the completion of such a degree. The deadline for applications is **March 15, 1980.**

Canada Mortgage and Housing Corporation (CMHC) University Scholarship for Graduate Studies in Housing. Scholarships for 1980-81 will be awarded by CMHC for full-time study in various fields related to housing in its urban and regional context. It is of particular interest to individuals in the fields of architecture, business and public administration, economics, environmental studies, law, planning, and social and behavioural sciences. Scholarships are awarded for one year, starting in September 1980 and are for studies at Canadian or foreign universities. Over the 12-month period, the holder of the scholarship will receive a personal allowance of \$5,400 plus cost of travel from residence to place of study, university tuition fees and \$960 for each dependant. Applications must be sent to CMHC by the university not later than March 15.

DWFO reports:

Phase II of the status of women study approved, now underway

At a recent meeting of the Dalhousie Women's Faculty Organization (DWFO), **Christine Ball-MacKean**, president, announced that Phase II of the Report of the Committee on the Status of Women at Dalhousie University was officially underway. Ms. Ball-MacKean noted that this phase was to focus on the status of part-time women within the faculty, the librarians, and the instructors at the university. She gave a brief report of the Jan. 24 meeting between **President Hicks** and a DWFO delegation at which President Hicks affirmed his intention to cover the costs of the study and to give access to the files necessary in conducting it. By mutual agreement between President Hicks and the DWFO, Ms. Ball-MacKean is to chair the committee dealing with Phase II. Following this brief report, it was decided by the membership that an ad hoc committee be formed to follow up on Phase I.

Phase I of the Report of the President's Committee on the Status of Women at Dalhousie University was published in January 1979. The report, which dealt with full-time faculty, concluded that: Women faculty at Dalhousie were paid less than their male counterparts; were concentrated in the lower academic ranks; spent more time in each rank before being promoted; and were outnumbered by their male colleagues.

The mandate Dr. Hicks gave to the committee, headed by **Dr. Virginia Miller** of the department of sociology and social anthropology, was that: "The Committee will review the status of women in their roles as members of the academic faculty, members of the administration and academic support staff and students. The Committee will make whatever recommendations it deems necessary and appropriate to ensure that women members of the faculty of the university community receive equitable and non-discriminatory treatment in all aspects of the university's operations."

The committee decided to carry on its work in several phases, commencing with a study of female and male full-time faculty; studies of part-time faculty, librarians, non-academic staff and students were to follow. It was anticipated that as each phase of the work progressed composition of the Status of Women Committee would change to incorporate representatives of the group under study.

To date, Phase I has neither been officially accepted nor rejected by President Hicks. Ms. Ball-MacKean feels that it is vital that the present committee build on the experience and knowledge gained from Phase I "so that we won't be starting from square one again."

Another item of business discussed at length during the DWFO meeting was the state of the instructors' contract negotiations. **Ms. Louise Cooke** and **Ms. Cheryl Knight**,

instructors with the department of biology, outlined current issues under negotiation, in particular, maternity leave. (At present, the Board of Governors team is offering a paid 12 week maternity leave with the proviso that if an individual must be replaced during her leave, the salary of the replacement will be deducted from the salary of the person on leave.) The members present affirmed their support of the instructors' position about maternity leave. Various means of showing support for the instructors were discussed.

Other items of business at the meeting included:

- Reports from the representatives of DAGS and the DSA on their organizations' concerns relating to the issue of day care. Both representatives stressed their commitment and the need felt within their membership for the existence of a campus-wide day care centre.
- A report from Professor **Roseann Runte** of the department of French on the delegation of DWFO members involved in interviewing deanship candidates for the Faculty of Arts and Science. No specific details were given as to the findings of the committee as these are confidential and should not be disclosed pending announcement of the selection of the candidate. Professor Runte indicated that candidates were given a set series of questions from which to respond. **Professor Marcia Ozier** of the department of psychology, expressing the sentiments of the members present, indicated an interest—not necessarily on specific details—but on the criteria used for selection. As an outgrowth of this discussion, **Professor Toni Laidlaw** of the department of education moved that a delegation from the DWFO should present the group's concerns and views to the Committee involved in the selection of the new vice-presidents. This idea was well received.

People

After 11 years with the Institute of Public Affairs, **Hilda Allen** has joined her husband, who retired one month ahead of her, to do all the things that she put aside because of her job.

A daily commuter from Glen Margaret, she's now content to stay put in the country, make plans for a long overdue trip to England and dream about next summer's sailing season.

What she'll miss most about her role as administrative officer is her former association with members of the labour-management study committee and her day-to-day contact with the public.

Boston alumni meet

After several years of silence, Dalhousie alumni in the Boston area had an opportunity to get together for a social evening a few weeks ago when **Donald Shaw** (B.Com.'50) hosted a reception at Alumni Hall, Boston College.

Alumni guests representing classes spanning the '30s through the '70s, and even 1920, viewed the Alumni

Association's film *There Stands Dalhousie*, and had time to speak to **Dr. Henry Hicks**, university president, association president **Joel Jacobson**, Director of Alumni Affairs **Bruce Irwin**, and assistant director **Colleen Khattar**.

Plans are now being considered for future Boston meetings.



Three of Dalhousie's alumni in Boston talk with Dr. Henry D. Hicks and Joel Jacobson. Left to right: Joe McCarthy, B.Sc. '76, Dr. Henry D. Hicks, Mary Keaveny, BN '76, Mrs. Olly Haystead Townsend, LM '20 and Joel Jacobson.

Notices

Dal Alumnae hold Social Meeting

Dalhousie Alumni Women's Division will hold a social meeting and luncheon in Shirreff Hall, Feb. 23. All Dalhousie Alumnae interested in the work of the Women's Division are invited to attend. Free admission, RSVP by Thursday, Feb. 21 by calling 424-2071.

Thesis first aid

The Counselling and Psychological Services Centre is once again offering help for those who suffer from the stress and mental anguish of writing their theses or dissertations.

A series of workshops designed for MA and PhD students in all disciplines will deal with such topics as: how to handle unrealistic expectations and mental blocks against writing; how to use task analysis and set manageable goals; how to attain a balance between work time and non-work time; and how to use your support system for you instead of against you.

Sessions will be arranged for groups of eight beginning the week of March 3. For more information or registration call 424-2081 before Feb. 25. All sessions will be led by **Dr. Brad McRae**, author of *How to Write a Thesis and Keep your Sanity*, at the Counselling and Psychological Services Centre, 4th floor, SUB.

Music for money

The Canadian Forces Stadacona Band will give a special benefit performance for the Izaak Walton Killam Hospital for Children Friday, Feb. 22 at 8:30 p.m. in the Rebecca Cohn Auditorium. Tickets for the concert, hosted by CBC's Don Tremaine, are \$5 and are on sale at the Arts Centre Box Office. For more information call 424-2298.

Alumni Night at Dalplex

Two open house sessions will be held with all Dalplex facilities open to alumni. Supervisors will be available for program co-ordination. Two sessions are available: 5:30 - 7:30 p.m. for family participation and 8:00 - 10:00 p.m. for adults only. Tickets can be reserved by calling the Alumni Office (424-2071) or may be picked up at the Alumni Office (Room 224 SUB). Mail orders also accepted. Admission by ticket only.

MISSA night

MISSA (the Malaysian Indonesian Singaporean Student Association) will host a special night of food, dance and entertainment, Friday, Feb. 29 from 7 p.m. to 1 a.m. in the McInnes Room of the SUB.

Featured at this gala cultural affair will be South East Asian food, "Foxy Lady" disco, a wide variety of native dances and folk songs, a traditional costume show, a martial arts demonstration and more.

Tickets are \$5 for members, \$7 for non-members, and are available at the SUB (Feb. 18-22) or by contacting **Joel Tanos** (423-5586), **Seah Chin Kion** (422-2658) or **Alison Seow** (422-5392)

New Year Banquet

Celebrate the dawning of the Year of the Monkey with the Dal-Tech Chinese Society Friday, Feb. 22 from 4 p.m. to 1 a.m. in the McInnes Room of the SUB.

Festivities include the Lion dance, children's dance, Chinese folk dance, Kung Fu demonstrations and more. Tickets (\$9) are available at the Arts Centre box office, at the Sun Hing Restaurant on Grafton St., or by contacting Rose Marie at 1532 Queen St.

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

The staff includes: Derek Mann, Editor-in-Chief, Gina Wilkins, Editor, with the assistance of Cathv Kerr, Roselle Green, Pam McWhinnie.

Doreen St. Onge, Marge Veitch, Barbara Hinds, Dalhousie Graphics and Dalhousie Photography Services.

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

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Calendar

Thursday, Feb. 14

Valentine's Day

Public Administration lecture. 8 p.m. MacMechan Aud., Killam Library. Michael Pitfield, "The Future of Government in Canada: Private and Vested Interests."

Theatre. Winter Dance, an evening of modern dance. 8:30 p.m. Dunn Theatre, Arts Centre. Tickets available from the Central Box Office. Continues until Feb. 17.

Biochemistry seminar. 4 p.m. Lecture Theatre E, Tupper Bldg. Dr. Brian Robinson, Hospital for Sick Children, Toronto, "Implications of Ketothiolase Deficiency."

Biology seminar. 11:30 p.m. Room 2970, LSC. Dr. A. Bal, Memorial University, "Cell Biology of Rhizobium—legume Association."

Caribanza variety folk concert. 7:30 p.m. McInnes Room, SUB. Features folk singers, costume parade, calypso band. Tickets: \$3.50 and \$2.50 with student ID; available from the SUB Lobby Feb 11-14; Red Herring Book Store or from 423-7063.

African Studies seminar. 4:30 p.m. 1444 Seymour St. A. Kanduza, "Zambia National Union of Teachers and the State."

Art Gallery. 11 a.m. Guided visit of the exhibition by Louis Stokes.

Films on Architecture. 12 noon, MacAloney Room (406), Arts Centre. "Europa Nostra."

Cultural Activities. 8:30 p.m. Arts Centre. Los Indios Tabajaras.

Law Hour. 12 noon. Rm. 115, Weldon Law Bldg. Prof. Irwin Cotler, McGill University, "The Soviet Dissident Movement."

Friday, Feb. 15

Library Service lecture. 10:45 a.m. MacMechan Aud., Killam Library. Frances Davidson-Arnott, Centennial College of Applied Arts and Technology, Scarborough, "Community College Library Services."

ISA. general meeting and elections. 7 p.m. Rm 410, SUB.

Psychology colloquium. 3:30 p.m. Rm. 4258, LSC. Dr. Alexander Leighton, psychiatry dept. is guest speaker.

Friday-at-Four. Theatre A, Tupper Bldg. The Don MacLeod Mem. Lecture. Dr. W.C. Roberts, Chief of Pathology, Nat'l Inst. of Health, Bethesda, Md., "Quantitation of Coronary Arterial Narrowing—The Good News & the Bad News."

Science briefing session. 5 p.m. Rm 117, Dunn Bldg. "Science in the 80s: Where do you fit?" with speaker Gilles Julien, Exec. Dir, Natural Sciences and Engineering Council.

Friday, Feb. 15

Issues in Science—The Public Wants to Know. 12 noon. Hfx. City Reg. Library. "Here's to Baby—A Look at the Fetal Alcohol Syndrome," with Coleen Hourihan and Kathy Ryan, graduate students from St. Mary's.

Physical Education lecture-discussion. 3:30 p.m. MacMechan Aud., Killam Library. Prof. John Neulinger, psychology dept., City College, City Univ. of N.Y. (psychology of leisure), "Leisure of free time. What is the difference and what difference does it make?" (deals with leisure counselling and the elderly).

Concert. 7:30 & 9:30 p.m. An evening with Don McLean. Rebecca Cohn Auditorium, Arts Centre.

Saturday, Feb. 16

Library Service Workshop. 10 a.m. - 4 p.m. MacMechan Aud., Killam Library. "Community College Library Services" conducted by Frances Davidson-Arnott.

Alliance Francaise. 7:30 p.m. 1950 Vernon St. Join in a game called the Men of the 20th Century followed by crepes and apple cider. Admission: \$2. for members and \$3. for non-members.

Sunday, Feb. 17

Music. Sunday Afternoon Dollar Concert. William Valleau on cello. "Garami Memorial Concert"

Art Gallery. 2 p.m. Guided visit of the exhibition in the gallery.

Dal Film Theatre. 8 p.m. Rebecca Cohn Aud., Arts Centre. "Broken Blossoms"—English, black & white.

MISSA film. 7 p.m. McInnes Rm, SUB. "Snake in the Eagle's Shadow," Chinese with English sub-titles. Admission: \$1 - members; \$2 - non members.

Monday, Feb. 18

National Heritage Day.

Federal Election Day.

Theatre and Neptune Theatre. Introduction to Shakespeare's plays series. 7 p.m. MacMechan Aud., Killam Library. "Twelfth Night."

Dentistry Table Clinics. 7:30 p.m., McInnes Rm, SUB. The annual table clinic presentations by dentistry and dental hygiene students.

United Church at Dal symposium. 4 p.m. "Some Proposals for Change and Reform" with Peter Aucoin and Dick Matthews. For information call Dr. Sinclair-Faulkner, 3579.

Cont. Dentistry Education: "Child Management" course with Dr. Keith Morley. Continues tomorrow.

Tuesday, Feb. 19

AMC seminar. Executive Secretary Workshop. Holiday Inn, Halifax. Seminar leaders are Beth Putman Williams and Julia A. Cipriani.

Oceanography seminar. 3:30 p.m. Rm 2970, LSC. Dr. Graham Harris, McMaster University, "Phytoplankton and physics: Do the cells know what is going on?"

Foreign Policy Studies seminar. 11:35 a.m. Rm 363, A & A Bldg. Ken Booth, "The Soviet Arms Build-up."

Chemistry seminar sponsored by the Dal Student Chapter of the Chem. Inst. of Canada. Rm. 215, Chem. Bldg. 11:30 a.m. Prof. Kevin R. Grundy, "Organometal Chemistry at Dalhousie—Research and Employment Opportunities."

Art Gallery. 7:30 p.m. Guided visit of the exhibition by Louis Stokes.

Wednesday, Feb. 20

Evening Film Series. Films on Architecture. 7:30 p.m. In the Gallery. "Spirit of the Age: The Cult of Grandeur."

Alliance Francaise film. 8 p.m. Nat'l Film Board. "Le femme aux bottes rouges" with Catherine Deneuve and Fernando Rey. \$1.50 - non members.

Biological-oceanography seminar. 4 p.m. Rm 4660, LSC. Graham Harris from McMaster Univ. will be the guest speaker.

International Business and Ocean Resources series. 7 p.m. Rm. 4208, LSC. "Offshore Petroleum: The Canadian Experience" with guest lecturer Ron Bell, general manager, Drilling and Frontier Systems, Petro-Canada Ltd.

Alumni Appreciation Night. 8 p.m. Forum. Hockey game—Tigers vs St. F.X. Free tickets for alumni, call 424-2071. Also door prizes and a post game reception.

Elections today in both the Science Society and the Commerce Society.

Thursday, Feb. 21

Music colloquium. 4:30 p.m. Rm 406, Arts Centre. "Poetic Scansion: Some problems for the composer and singer," by Dennis M. Farrell.

African Studies seminar. 4:30 p.m. 1444 Seymour St. J. Mensah, "Traditional Cultures and Challenges of Modernisation in Contemporary African Society."

Biology seminar. 11:30 a.m. Rm. 2970, LSC. Dr. David Patriquin, "Herbicides: Do we really need them?"

Human Resource Development. 6 p.m. dinner meeting. Faculty Club. Beth D. Putman Williams, "Organizational Diagnosis and Needs Assessment."

Thursday, Feb. 21

Art Gallery. 11 a.m. Gallery. Guided tour of the exhibition by Louis Stokes.

United Church at Dal. 12 noon, Rm. 316, SUB. Subject: The Problem of Evil.

Art Films. 12 noon. MacAloney Room (406), Arts Centre. Three films: Art Nouveau, Charles Mackintosh and Odeon Cavalcade.

Concert. Community Concert Assoc. 8:30 p.m. Rebecca Cohn Aud., Arts Centre.

Art Gallery Exhibition

Louis Stokes: Alchemy Spirals

Awards

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

The Royal Society Commonwealth Bursaries Scheme: Provided for scientists of proven ability to increase their competence by working with scientists of a Commonwealth country other than their own, where the physical or personal environment is peculiarly favourable. Applicants are expected to occupy permanent salaried posts to which they will return at the end of the visit, normally six to 12 months. Deadline is March 15 for proposed visits commencing in July, and Sept. 15 for visits in January.

Royal Geographical Society, Bursaries Scheme: Awarded to geographers of proven ability to increase their competence by working with geographers of a Commonwealth country other than their own, where the physical or human environment is peculiarly favourable. Applicants are expected to occupy permanent salaried posts to which they will return at the end of the visit, normally six to twelve months. Bursaries average 100 British pounds per month. Deadlines are March 15 for proposed visits commencing in July and Sept. 15 for visits in January.

The Canadian Institute of Ukrainian Studies, University of Alberta, invites applications for Research Grants in Ukrainian and Ukrainian-Canadian history, literature, language, education, the social sciences, and the library sciences. Deadlines for applications are March 31 and Oct. 31, 1980.

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