

*What of October, that
ambiguous month, the month
of tension, the unendurable
month?*

—Doris Lessing

Saint Mary's celebrates 30 years at the Gorsebrook campus



The McNally Building under construction.

In September 1951, the Faculties of Art and Commerce and the Administration of Saint Mary's University moved to the new Gorsebrook campus at the south end of Robie Street. Thus ended a 149-year search for a permanent home for a university which began in the study of Father Edmund Burke in 1802.

That year Father Burke, who had just arrived in Halifax, decided a Catholic institute of higher learning was needed in the garrison town. He wanted to open a college on the corner of Spring Garden Road and Barrington Street, but an outmoded law that forbade Catholics to solicit public funds for educational purposes made it impossible for him to hire teachers. So, he tutored his pupils himself, often in his own home. Despite the setbacks, Bishop Burke, as he was consecrated in 1818, had 100 pupils enrolled by 1820, and from these humble origins sprang Saint Mary's.

The passage of the Catholic Relief Bill in 1829 offered Catholics in the colonies more freedom of education and permitted Bishop Burke to openly request public funding for his college which hitherto had been largely supported by private donations.



Corporate Challenge '81. Saint Mary's battles the corporate giants. For the complete story, please see page 7.

The College first moved in 1839 to a building on Grafton Street, where it remained for 29 years, growing slowly but steadily. The 1841 Act of Incorporation gave the College a temporary charter for granting degrees, which was extended in perpetuity in 1852.

In 1868 Archbishop Connolly of Halifax invited the Christian Brothers of the Congregation of Saint John Baptist de la Salle to direct the College, and so Saint Mary's moved to a building owned by the Brothers at Belle Aire Terrace and Agricola Street.

The Brothers ran the College for eight years until the 1876 University Act established the University of Halifax, comprised of the Colleges of Dalhousie, King's, Saint Francis Xavier, Mount Allison and Saint Mary's. Each Institute received government funding and each granted degrees in the name of the University of Halifax. The experiment was short-lived, however. Government funding was suspended in 1881 and, bereft of financial support, Saint Mary's closed for 20 years. But, the death-knell was not sounded.

Owing to the legacy of a prominent Halifax businessman and the determination of an

Archbishop, the College survived. In the early 1880s Patrick Power, a local businessman, died, leaving a large bequest to Saint Mary's on condition the College be placed under the direction of the Jesuits. However, as the Jesuits were unable to come to Halifax at that time, the terms of the bequest could not be met and so the funds were not released for a number of years. Nevertheless, in 1903, with the aid of private donations, Archbishop O'Brien purchased 15 acres on the corner of Windsor Street and Quinpool Road and there re-opened Saint Mary's.

The re-birth of the College was as humble as its beginnings, with only 50 students enrolled in pre-college courses. It was a start, though, and in 1913 the courts permitted funds from the Power bequest be used to extend the campus on the understanding that the Irish Christian Brothers would direct the College, as they did the following year. In 1918 the Nova Scotia Legislature passed "An Act to Amend the Law Respecting Saint Mary's College, Halifax", which re-affirmed the College's degree-granting status. Saint Mary's was finally firmly established.

In 1940 the Irish Christian Brothers departed Halifax and the Jesuits arrived to conduct Saint Mary's. Just three years later Archbishop McNally purchased the Gorsebrook campus, thereby instigating the first steps in Saint Mary's final move. The first sod for the first building on the new campus was turned on June 24, 1949. In the fall of 1951, the first Faculties moved to new quarters in the McNally Building, to be followed the next year by the Faculty of Science and Divisions of Engineering. That same year the 1952 Act of Nova Scotia decreed that Saint Mary's College henceforth be known as Saint Mary's University.

The 1950s and 1960s were years of growth at the new University. Student enrolment rose dramatically from the 34 graduates at the last Convocation in Windsor Street to the more than 450 graduates who received their degrees last May. In 1957 the Faculty of Education was established. In 1963 the University was set up as a Corporation distinct from the Archdiocese of Halifax. The following year, 1963, Saint Mary's High School, which had been associated with the College since its inception in 1802, was phased out. New academic buildings, the student centre and residences, and the University Library were built during the ensuing years. And, in 1968, a mere 166 years after its founding, Saint Mary's welcomed its first female students.

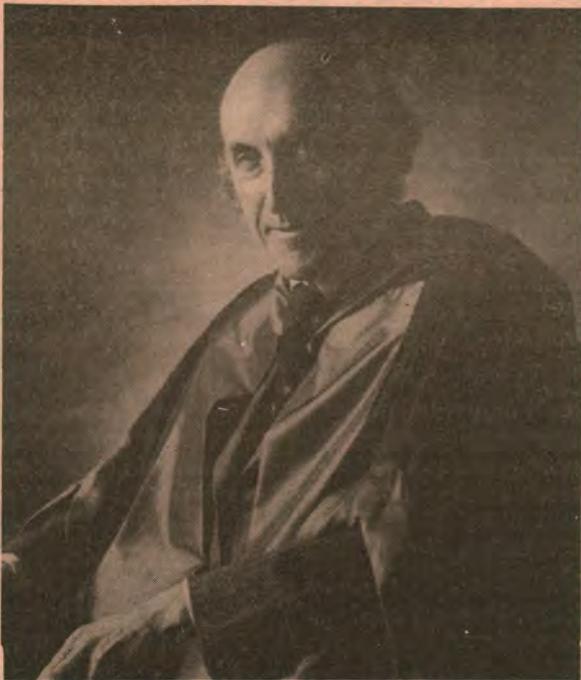
However, the greatest change in the little college that grew to be a university was the 1970 Act of Incorporation which transferred all responsibility for the direction of the University from the Archdiocese of Halifax to an independent Board of Governors.

Today Saint Mary's stands proudly, a respected university with more than 5000 full- and part-time students. One wonders if Bishop Burke had the foresight to realize the eventual magnitude of his dream.

**The Saint Mary's University
track & field facility
will be officially opened on
Saturday, October 10 at 1:00 p.m.
Everyone is welcome to attend the
ceremonies.**

PRESIDENT,
REGIS COLL,
15 ST. MARY'S ST,
TORONTO M4Y 2R5

Psychology Department Member Honoured



Dr. John K. Chadwick-Jones of the Psychology Department at Saint Mary's University was recently awarded the degree of Doctor of Science at a Congregation of the University of Wales in recognition of his achievements in psychological research.

A Doctor of Science degree from a British university is the most prestigious degree because it is awarded on the basis of authoritative published work that, as the official citation states, "constitutes a substantial contribution to the advancement of Science". Only four psychologists in the United Kingdom have received this honour.

Dr. Chadwick-Jones, who is a theoretical and an applied psychologist, divides his non-teaching time between research in both areas.

During the 1960s, while teaching at the University of Cardiff, he undertook a series of research projects into aspects of work group

organization, adaptation to technical change and managerial leadership in the steel industry.

He later went to Australia as Head of the Psychology Department at the Flinders University of South Australia.

He returned to Cardiff University as Director of the Occupational Psychology Research Unit, where he conducted research on skilled performance in automated industries and on job satisfaction in a variety of occupations.

During the early 1970s he turned to more theoretical topics and wrote an advanced textbook, "Social Exchange Theory", which is now widely used by graduate students in Canada, the U.S.A. and Europe.

In 1974 Dr. Chadwick-Jones joined the faculty of Saint Mary's University. In recent years he has been conducting research into absenteeism in banks and hospitals within the province, with financial support from Canada Labour in Ottawa.

Through his research, he has discerned certain patterns of absenteeism which are not evident from present data available on work days lost annually, especially because such data does not indicate whether absences are brief (one or two days) or prolonged (most likely due to long-term illness). Dr. Chadwick-Jones' research has culminated in a published study (his fourth book), of 21 organizations and 6,500 people from both blue- and white-collar occupations.

During 1980-81 Dr. Chadwick-Jones has been on sabbatical leave as a Social Sciences and Humanities Research Council Fellow at Darwin College, Cambridge and St. Edmund Hall, Oxford, where he conducted research on the theory of social exchange and on absenteeism among nursing staff. Eventually he hopes to establish a comparison of patterns of absenteeism between Canadian and British nurses.

His future plans include continuing his present research and a new project on the social use of dialect among Nova Scotia's Acadian people.

University faculty hiring policy changed

There has been controversy on campuses across Canada this summer regarding the Federal Government's latest policy on the hiring of university faculty.

Until the spring of 1981, the accepted policy was that universities could simultaneously advertise for faculty appointments in Canada and abroad, although the suitability of Canadian applicants had to be determined before a position could be offered to a non-Canadian academic.

In a news release of May 7, 1981, the Honourable Lloyd Axworthy, Minister for Employment and Immigration, advised that, effective immediately, universities and post-secondary institutions must advertise for Canadian candidates and evaluate their suitability before seeking applications from foreign academics.

In compliance with a directive from Mr. Axworthy, all advertisements for faculty positions at Saint Mary's University will contain the clause: "This position is open only to Canadian citizens and permanent residents of Canada."

The Post-Secondary Education Association for the Deaf

is offering a course on AMESLAN, the American Sign Language, on Mondays and Wednesdays at 12:00 noon, from October 5 to December 16, in Room L 133 in the Loyola Building.

Fee: \$10.00

Further information may be obtained from Peggy Wiseman in Student Services.

The Faculty of Arts at Saint Mary's will present this unique slide show and talk by expedition leader, Reid H. Lewis, on Tuesday, October 27 at 7:30 p.m. in the Theatre Auditorium.

Post-secondary Education Association for the Deaf receives federal grant

Many members of the University community may not be aware that the Student Centre houses the Post-secondary Association of the Deaf, an organization devoted to assessing the needs of deaf and hearing-impaired students who are attending, or hope to attend university.

Recently the Association received a grant of \$7,500 from the Secretary of State to help it meet its mandate. At present the Association is assessing the number of students requiring post-secondary education, the ability of each to handle university-level courses, and the facilities on campus required by these students, according to David Leitch of Counselling Services, who is a member of the steering committee.

Mr. Leitch explained that the aim of the Association is to ensure that all students who have the ability to complete university courses are given the opportunity. Of course, not all deaf or hearing impaired students who complete high school are able to attend university. Many function in English at a grade 8 or 9 level and it is one of the first steps of the Association to assess these students.

The second step is to make the University community aware of the needs of deaf students. The first stage is to set-up a Resource Centre in the Student Centre with information on deafness and the problems of the deaf. The Centre may, in time, be expanded to include information on other physical handicaps.

In addition to the Resource Centre, Mr. Leitch hopes to invite professionals with profound hearing problems and other people involved in the education of the deaf to address the University community and help set-up

workshops. The first workshop, which began in October, is a course of instruction in ANESLAM, the American sign language. A second course on sign language will be offered in the new year.

It is important that the University community be aware of the problems facing deaf and hearing impaired students in adjusting to student life on campus. The problems range from professors who forget to face deaf students who lip read to being able to attend a Student Council meeting or football match. For some students, sign language interpreters may have to be in the classroom, particularly when a lecturer uses overhead projectors in the dark or relies heavily on classroom discussion. For other students, a competent note-taker may have to be assigned since lip readers rarely pick-up more than one-third of what is being spoken in class. Other possibilities include introducing a loop system into the Theatre Auditorium, which will greatly improve the auditory perception of hearing impaired students without affecting their hearing peers.

The aim, explained Mr. Leitch, is to make the University community aware of the needs of the deaf and to provide the services required at Saint Mary's. Conversely, it is hoped that in time high school students contemplating university careers will consider Saint Mary's. Only Gallaudet University in Washington, D.C. is geared to the needs of deaf and hearing impaired students.

"It is amazing," concluded Mr. Leitch, "that in 1981 there is no campus in Canada able to offer all the services required by deaf and hearing impaired students."

Counselling Services offers courses

Staff of the Counselling Centre are offering three workshops to Saint Mary's students this fall. Each workshop will involve six to eight weekly sessions, beginning the week of October 13.

Assertiveness Training will teach effective communication of thoughts, feelings and opinions. Basic concepts will be applied to difficulties experienced by students, such as keeping social conversations going, resolving differences with roommates, etc.

Stress Management will help students recognize sources of stress in their lives. Healthy and unhealthy reactions to stress will be examined. Techniques for coping with stress, such as relaxation exercises, problem-solving methods, etc., will be presented. Effective stress management helps to maintain physical and emotional health.

Study Skills will examine alternative study methods. Topics such as concentration, time scheduling, motivation, note-taking, learning from textbooks, and writing papers and examinations, are presented. Application of the procedures often leads to increased study effectiveness.

Further information and registration forms are available from the Counselling Centre in the Student Centre.

Faculty Publications

C. Dupuy, J. DOSTAL (Geology), M. Girod, J.M. Liotard, "Origin of Volcanic Rocks from Stromboli (Italy)". *Journal of Volcanol, Geotherm. Research* 10, (1981): p. 49-65.

C. Dupuy, J. DOSTAL (Geology), M. Leblanc, "Distribution of Copper and Gold in Ophiolites from New Caledonia". *Canadian Mineralogist* 19 (1981): p. 225-232.

J. DOSTAL (Geology), C. Dupuy, C. Coulon, "Cainozoic Andesitic Rocks of Sardinia". Published in *Andesites and Related Rocks* by John Wiley & Sons, p. 353-370.

J. DOSTAL (Geology), R. Riou, C. Dupuy, "Geochemistry of Coexisting Eocene Alkaline and Calc Alkaline Volcanic Rocks from Azerbaijan (N.W.Iran)". *Geol. Assoc. of Canada Abstract* 6 (1981): p. 15.

J. DOSTAL (Geology), J.L. Bodinier, C. Dupuy, F. Carne, "Geochemistry of the Lower Paleozoic Ophiolites of Chamrousse (Belledonne

massif, Alps). *Euop, Union of Geoscience, Strasbourg*, (1981), Terra Cognita, p. 15.

TERRY WHALEN (English), "Atlantic Possibilities", *Essays on Canadian Writing*, No. 20 (Winter 1981-82): p. 32-60.

TERRY WHALEN (English), "Philip Larkin's Imagist Bias: His Poetry of Observation", *The Critical Quarterly*, Vol. 23, No. 2 (Summer 1981): p. 29-46.

TERRY WHALEN (English), Review of "None Genuine without this Signature", by Hugh Hood. *Quill & Quire*, (November 1980): p. 39.

TERRY WHALEN (English), Review of "Lost Angels of a Ruined Paradise: Themes of Cosmic Strife in Romantic Tragedy", by Erika Gottlieb. *Quill & Quire*, (August 1981): p. 26.

Deborah Nicholson, RASHID TAYYEB (Library), "Automation From the Library Manager's Perspective", *APLA Bulletin*, v. 45, no. 1 (July 1981).

Noteworthy Notes

DR. MITCHELL (jointly with Deveau) presented a paper at the 1981 Symposium on Neutral Clouds Near-H II Regions at Penticton, B.C. on "A Calculation of Molecular Abundances Behind Slow Shocks".

DR. MITCHELL (jointly with Swift) presented a paper at the 1981 I.A.U. Colloquium No. 61 on Comets (Tucson) on "Models of the Cometary Coma in Which Abundances are Calculated for Various Heliocentric Distances".

HERMANN F. SCHWIND (Management) has been appointed Program Chairman of the Organizational Industrial Relation Group for the Annual Atlantic School of Business Conference, scheduled to be held at the University of New Brunswick, Saint John, from October 23 to 25.

New comptroller appointed

Dr. Kenneth L. Ozmon, President of Saint Mary's, announced the appointment of Raymond J. Folkins, C.A., as University Comptroller. Mr. Folkins appointment takes effect in October.

Mr. Folkin earned a Bachelor of Science degree from Dalhousie University in 1973 and became a Chartered Accountant in 1976. He is presently a member of the Canadian Institute of Chartered Accountants, the Institute of Chartered Accountants of Nova Scotia and the New Brunswick Institute of Chartered Accountants.

He comes to Saint Mary's after working as Vice-President, Finance and Administration, at Clearwater Lobster Ltd., and subsequently at John Leckie Inc.

Mr. Folkin lives in Halifax with his wife and two children.



Lyn Andrews recently joined the staff of Counselling Services. Lyn, who graduated from Saint Mary's in 1977 with a Bachelor of Arts degree, received a Master of Science degree from Memorial University in 1981. Prior to coming to Saint Mary's, she worked for the Cape Breton Hospital.

The University will be closed on Monday, October 12.

There have been a number of faculty promotions for the 1981-82 academic year. The following members have been promoted to Full Professor.

Professor Roger Crowther	English
Dr. Irmgard Lenzer	Psychology
Dr. R. Nahrebecky	Modern Languages & Classics
Dr. John Young	Chemistry

The following faculty members have been promoted to Associate Professor:

Dr. P. Bernard	Modern Languages & Classics
Dr. H. Bobr-Tylingo	Biology
Dr. B. Hartnell	Mathematics
Dr. W. Katz	English
Dr. D. Perrier	Sociology
Dr. H. Ralston	Sociology
Dr. E. Robinson	Finance & Management Science
Dr. P. Street	Psychology

Dr. G. Thomas	Modern Languages & Classics
Dr. D. Van Dyer	Engineering

New Chairpersons for the 1981-82 year include:

Arts Faculty	
Dr. M. Patricia Connolly (acting)	Sociology
Dr. D. Higgins (acting)	Political Science
Dr. Roger MacDonald	English
Dr. H. Millward (acting)	Geography
Commerce Faculty	
Dr. T.P. Hari Das	Director, M.B.A. Program
Dr. Earl J. Robinson	Finance & Management Science
Science Faculty	
Dr. B.L. Hartnell	Mathematics
Dr. Q. Siddiqui	Geology
Dr. K. Thomas (acting)	Biology

The Academic Vice-President's office recently announced a number of new faculty appointments for the 1981-82 academic year. Therefore we extend our welcome, on behalf of the University community, to the following new appointees:

James Ahiakpor	Economics
Dr. Timothy Brownlow	English
Elizabeth Cameron	Finance & Management Science
Dr. Atul A. Dar	Economics

Janet Forrest	Management
Parvin Ghorayshi	Sociology
Janet R. Gregory	Finance & Management Science
Zenon Kulchyckyj	Political Science
Dr. Kathleen Mailer	Chemistry
Elaine Morash	Accounting
Dr. Georgia Pe-Piper	Geology
Carol Pye	Psychology
Donald Rayko	Psychology
Dr. R. Sparkman	Marketing
John Waldron	Geology



At a reception for new faculty members, Professor Janet Forrest (Management) and Dr. Patricia Fitzgerald (Management) chat with Dr. Arthur Murphy (Modern Languages and Classics).

Language Centre opens

In September the Department of Modern Languages and Classics welcomed students to the new Modern Languages Centre, located on the second floor of the McNally Building. The Centre contains the Tandberg IS-9 Learning Laboratory, with some of the most sophisticated teaching equipment currently available for language instruction. The Laboratory consists of a master console and 32 student positions, each equipped with a cassette deck, headphones and microphone. A microprocessor co-ordinates the functions of the console and allows great flexibility in programming.

Noon-hour course on Celtic Literature offered at Halifax Library

If you're intrigued by your Celtic roots or have a more aesthetic interest in Celtic literature, then there is a course being offered at the Halifax Regional Library that you won't want to miss.

"Celtic Literature in Atlantic Canada" is a series of noon hour lectures being offered by the Saint Mary's Department of Continuing Education at the Halifax Library. Although this is a credit course, interested persons who do not want to earn credit may attend as many lectures as they wish at no charge.

The course will examine the cultural, folkloric and literary influences that the Celtic people of the British Isles have made in Atlantic Canada.

AUTE conference to be held at Saint Mary's

The 1981 Atlantic University Teachers of English Conference will be held at Saint Mary's University on October 23 and 24. This year the theme will be "Literary Criticism in the Classroom".

The Conference will feature two panel discussions. The first, on "Canadian Literary Criticism: Theoretical, Historical, Practical", will be held on Friday, October 23. Panelists will include Janet Baker and Terry Whalen of the English Department at Saint Mary's, Ric Knowles of Mount Allison University, and Martin Ware of Sir Wilfred Grenfell College. The

The new facility will enable students to work from either of two different programs originating from the console, or independently with their own pre-recorded material. Language instructors will be able to communicate directly with individual students to give assistance and encouragement, and can arrange conferences among several students for group work at the touch of a button.

The Department will make extensive use of the Languages Centre in its teaching programs in French, German, Hebrew and Spanish, and plans to develop audio and slide materials to accompany courses in Classics and Art History. Other University departments and divisions are encouraged to initiate programs involving this exciting new teaching facility.

Three main areas will be examined: Celtic culture and the literature of the 'old country'; cultural changes that have occurred both here and in the British Isles; and the impact of a new country on an old culture.

The course will be team-taught by Dr. Cryril Bryne and Dr. Ken MacKinnon of the English Department at Saint Mary's. Lectures are held on Tuesdays and Wednesdays from 12 noon to 1:00 p.m., beginning September 15.

Further information on the topics to be discussed and on the availability of texts and library cards may be obtained from the Department of Continuing Education at Saint Mary's or from the Halifax City Regional Library.

introduction will be made by Andrew Seaman of Saint Mary's.

The second discussion, scheduled for Saturday, October 24, on "Criticism in the Classroom" will be introduced by Wendy Katz of Saint Mary's. Panelists include David Baron and Donna Smyth of Acadia, Russell Hunt of St. Thomas, David Monaghan of Mount Saint Vincent, and Patricia Monk of Dalhousie.

Further information may be obtained from Dr. Andrew Seaman of the English Department at Saint Mary's University.

Coming soon . . .

La Salle: Expedition II, an historical reconstruction of the original voyage of Robert Cavalier, Sieur de La Salle from Montreal to the Gulf of Mexico in 1681-82.

This slide presentation traces a trip made in 1976 by 15 high school students, 6 teachers, a playwright and a priest along the St. Lawrence, through the Great Lakes and down the Mississippi River to New Orleans in what was one of the worst winters of the past decade.

The students authenticated the original La Salle voyage in every possible detail from home-made canoes to seventeenth-century voyageur provisions.

The Faculty of Arts at Saint Mary's will present this unique slide show and talk by expedition leader, Reid H. Lewis, on Tuesday, October 27 at 7:30 p.m. in the Theatre Auditorium.

Associate Director Heads for Dal.

Lloyd Fraser, the Associate Director of Continuing Education at Saint Mary's will be leaving the University on October 8 to become Program Director for the Office of Part-time Studies and Extension at Dalhousie University.

In his new position, Mr. Fraser will be responsible for co-ordinating Dalhousie's Summer School program in addition to being involved with the co-ordination and publicity of evening courses, the creation of non-credit programs and the development of services for part-time students at the University.

Although challenged by the problems of a larger university, he will be working among familiar faces. The Continuing Education Departments of Saint Mary's, Dalhousie and Mount Saint Vincent Universities work closely together and often collaborate on such projects as the summer Elderhostel program and a recent survey of the requirements of Dartmouth residents for courses in continuing education.

Mr. Fraser came to Saint Mary's in 1976 after working for five years as the Regional Director of Oxfam Canada. Although he held the position of Assistant Director of Continuing Education at Saint Mary's, he was twice asked to act as Acting Director and, since the appointment of Dr. Alan Gordon as Director, was promoted to Associate Director.

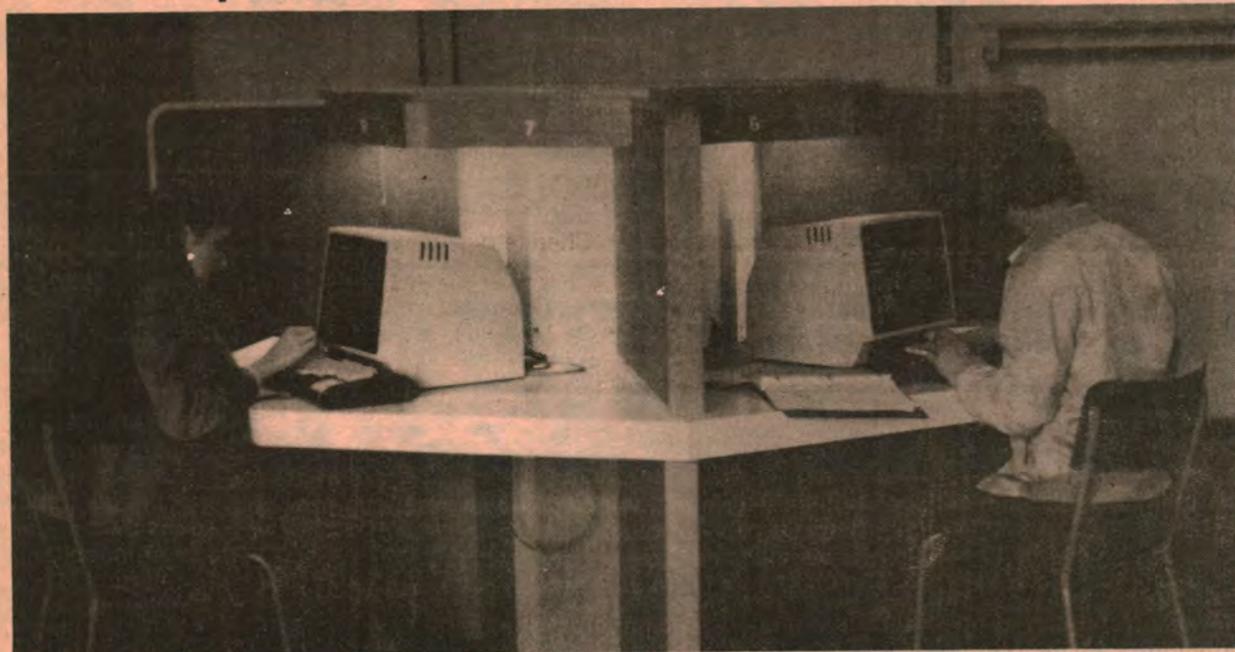
Mr Fraser holds a Bachelor of Arts degree from Mount Allison University and a Bachelor of Education degree from Dalhousie. Last year he obtained a Master of Education degree, also from Dalhousie, and his future plans include study for a doctorate in education, probably at the Ontario Institute for the Study of Education (O.I.S.E.).

funds the Dalhousie computer centre and then provides grants for associate universities to buy time on the Dalhousie computer. "It is a much larger centre," he added, "one capable of providing the statistical packages required by graduate students."

In addition to the terminals, the graduate room has an area for computer user consultants. These consultants, who will help anyone faced with computer-related problems, are students with expertise in computer science. They will be on duty during scheduled hours, although the computer terminal rooms are open 24 hours a day to students who have been entrusted with the combination of the locked doors. Dr. Robinson stated that use of the terminals is not restricted to Commerce students. He would like all the University terminals to be used by all students who require computer time, regardless of Faculty.

Dr. Robinson hopes that Saint Mary's will introduce a major in computer science in the fall of 1982. However, this program is still subject to approval by the Maritime Provinces Higher Education Commission. At least, pointed out Dr. Robinson, the equipment for such a program is already available at the University.

New computer terminal completed



The new computer terminal in the Loyola Building.

What may well be Atlantic Canada's largest computer terminal for teaching purposes, with 43 terminals and a line printer, is now located in the old language laboratory in the Loyola Building.

Around the language booths are 29 new CRT or Cathode Ray Tube terminals (those that look like compact television sets) and a high speed line printer connected to the Saint Mary's University computer centre. Just behind the

main terminal room is another room with terminals for use by graduate students and faculty only. Some of these terminals are acoustic coupled, designed to link up with similar computers anywhere in the world; others are direct line computer terminals linked to the computer centre at Dalhousie University.

Dr. Earl J. Robinson, Chairman of the Finance and Management Science Department at Saint Mary's, explained that the provincial government

Stevens

Saint Mary's astronomers develop new electronic camera



Dr. Gary Welch and Dr. David DuPuy of the Astronomy Department at Saint Mary's discuss equipment connected with the computerized electronic camera that they are developing. Here, Dr. DuPuy points out the image display system to Dr. Welch.

Man's fascination with the stars goes back to the dawn of history. With the invention of modern sophisticated telescopes, astronomers have peered deeper into the heavens.

Two astronomers at Saint Mary's University, Dr. David DuPuy and Dr. Gary Welch, are working on the development of a computerized electronic camera that will allow them to take digital photographs of some of the furthest reaches of the universe; those areas emitting such low levels of light that ordinary photographs are grossly distorted.

This camera system, known as an electronic imaging system, will convert the image of a celestial object into a sequence of differing charges. At the end of each exposure these charges are read and stored sequentially in

digital form on computer tape so that the data is available for immediate computer processing and analysis.

The system is built around a photosensitive detector consisting of a multi-layered silicon integrated circuit or 'chip', which is known as a charge-coupled device (CCD).

There are a number of distinct advantages to the new system, according to Dr. DuPuy. The CCD system is sensitive to low levels of light, unlike normal photographic plates. Dr. DuPuy explained that at very low light levels it is extremely difficult to calibrate exposure time for ordinary photographic plates. This system turns the image into a series of digits, thus allowing the picture to be stored on computer tape. This saves the astronomer the complicated and time-

consuming process of converting the photographic image into a digital form for analysis.

The other advantage is that the system will be portable. It is intended for use with large telescopes such as the 60 inch telescope at Mount Mégantic, Québec, the closest large telescope to Halifax. Dr. DuPuy wants to build a system that can be easily transported to major observatories in the world. The system to date, consisting of a computer, display systems, the CCD circuit and a tape drive, can be neatly packed into three cabinets 12 inches high.

There are two other such systems being constructed in Canada, one at the University of British Columbia and one at the University of Montréal, and perhaps six in the United States. The U.B.C. system, and one at Harvard University, are now operational.

Dr. DuPuy sees the CCD electronic system as being the workhorse of the future. He explained that nearly all of modern astronomy uses electronics and this electronic system will retain the advantages of being used at low light levels and saving the tedious process of digitizing. He went on to say that the types of scientific projects that can be conducted with a CCD system include examining the outer envelopes of giant egyptical galaxies and the mapping of the spiral structure in our own Milky Way galaxy.

The system is presently being tested at Saint Mary's University, first under laboratory conditions and then on the 16 inch telescope in the Burke-Gaffney Observatory atop the University. However, Dr. DuPuy and Dr. Welch would like to test it on a larger telescope soon and they hope to be able to take it on the road in 1982.

N.S.E.R.C. grants awarded

Dr. D.H. Williamson, Dean of Science, announced that six members of the Faculty of Science have been awarded research grants, totalling \$27,870, from the general research funds provided by the Natural Science and Engineering Research Council (N.S.E.R.C.) to Saint Mary's.

Those who have received the grants, and the titles of their individual projects, are:

Dr. J. Dostal Geology	"Geochemistry of Palaeozoic Rhyolites from Nova Scotia"	\$ 4,500
Dr. D. DuPuy Astronomy	"Faint Astronomical Observations with CCD Direct Imaging System"	8,000
Dr. R. Kruse Mathematics	"Application of Finite Algebra to Algorithm Design"	6,370
Dr. K. Vaughan Chemistry	"Bio-organic Studies with Anti-Tumor Chemotherapeutic Agents"	5,000
Dr. M. Wiles Biology	"Population and Parasitological Studies of Nova Scotia Estuarine Fishes, Especially Striped Bass"	1,500
Dr. J. Young Chemistry	"Use of Salt Hydrates for Thermal Energy Storage"	2,500
		\$27,870

Dr. Williamson said that requests for research grants amounted to approximately \$50,000 but that available funds were limited. He added that he regretted not being able to offer funds for many projects that deserved better consideration.

Dr. Williamson added that the Natural Sciences and Engineering Research Council has provided Dr. Keith Vaughan (Chemistry) with a Research Development Grant of \$16,000 for each of the academic years 1981-82 and 1982-83 to enable Dr. Vaughan to engage a Post-Doctoral Fellow to assist in his research.

Dalton scholarship winners achieve success

Since the first William J. Dalton Memorial Scholarship in Political Science was awarded, many of the winners have achieved great academic success.

This year marks a milestone for the first two winners, Randall Balcome and Camille Cameron. Both students, who graduated from Saint Mary's in 1978, will graduate from law school this year. Mr. Balcome has been studying law at Dalhousie University and Ms. Cameron, a Beaverbrook Scholarship winner, has been studying at the University of New Brunswick Law School.

Five other Dalton Scholarship winners

graduated with distinction at the 1981 May Convocation ceremony. Dianne Chiasson, who won the Scholarship in 1979-80, graduated with first-class honours in Political Science and won the Governor-General's Medal. James MacGillvray, the Gold Medal Winner for the highest academic standing in the Faculty of Arts, won a Dalton Scholarship in 1979-80 and 1980-81. Karen Patrick and Pamela Hutt, who were both awarded Dalton Scholarships in 1980-81, graduated Summa Cum Laude in Political Science. And Catherine Smith, a 1979-80 and 1980-81 Dalton winner, graduated Sum Laude.

Long-range plans include the possibility of constructing solar power satellites from lunar or asteroidal materials at large space stations to convert and beam solar energy to earth. He added that although the series of programs will devote most time to these possibilities, they will also explore visionary plans for large cities rotating in free space, and even for 'terraforming' the planets.

The half-hour programs will be broadcast on ATV each Monday morning at 6:00 a.m. from January 25 to February 22, 1982. "University of the Air" broadcasts a variety of programs on Continuing Education that are produced at a number of affiliate stations across Canada.

Please note . . .

The Library will be CLOSED on Thanksgiving Day, Monday, October 12.

Effective Monday, October 5, Library I.D. cards may be validated or purchased in the Library during the following hours:

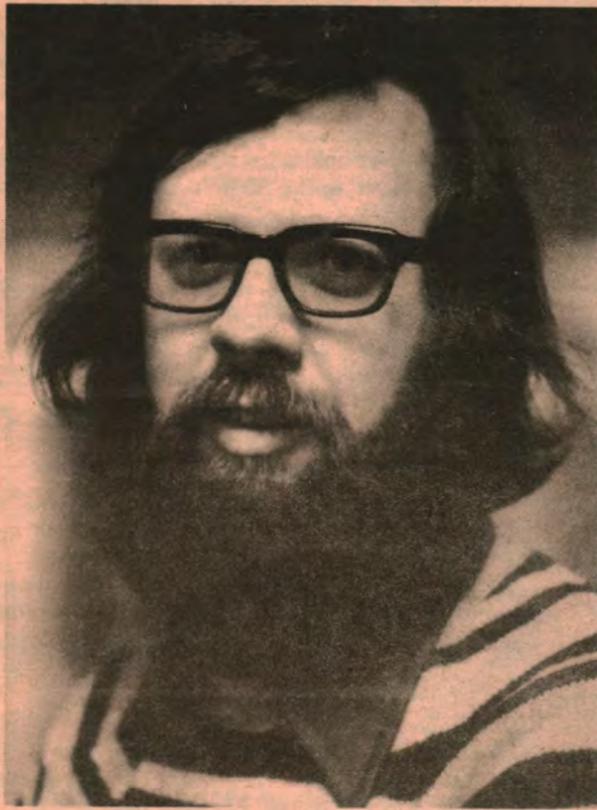
Mondays: 2:00 p.m. - 5:00 p.m.
Tuesdays: 7:00 p.m. - 9:00 p.m.

Geography professor in "University of the Air" series

Will we be seeing solar power satellites beaming solar energy to earth or large, populated 'space cities' endlessly rotating in space?

Although these concepts sound more like science fiction than fact, they are some of the applications of space resources that will be addressed by Dr. Hugh Millward of the Geography Department at Saint Mary's University during a series of five programs being filmed for CTV's "University of the Air".

Dr. Millward's series, entitled "Space Resources and Space Settlement", will focus on plans for the exploration of space resources and for the industrialization and settlement of space. He explained that short-term plans include the establishment of permanent space stations for a variety of military and industrial applications.



Anthropology Professor holds exhibition

The Saint Mary's University Art Gallery will feature an exhibition of works of art by Associate Professor of Anthropology, Dr. Harold F. McGee. The exhibition, entitled "My Sister's Other Brother", will open October 22 and run until November 22.

Dr. McGee, who has been on the faculty of the Anthropology Department since 1974, is particularly interested in the anthropology of ethnic relations, myth and ritual, North American Indians, and the Atlantic region. This year he is on sabbatical leave.

As an artist, Dr. McGee remains largely untutored, although he has been drawing since childhood. He explained his own style by saying, "My familiarity with non-Western design and symbolism, my lack of formal education in the techniques traditionally employed when drawing, and my attempt to capture movement in a static art form probably contribute to any personal style that may be inherent in my work".

Wind, dance, water movement, mythical and biblical themes are recurring images in his work, as are mirrored images which allow the viewer to consider the work from more than one physical point of view and to interpret it according to varying criteria. Humour is consistently accompanied by fluid line and bright, vibrant colour.

Art Gallery news

Saint Mary's University Art Gallery presents an evening of music for the viola and piano on Thursday, October 15 at 8:00 p.m. in the Art Gallery.

Violist Steven C. Wedell and pianist Lyn Stodola will play a program of Brahms, Hindemith and Marcello.

Steven Wedell is known to Halifax audiences as the principal violist of the Atlantic Symphony Orchestra. A native of Michigan, Mr. Wedell came to Nova Scotia in 1979 after completing studies at Western Michigan University and Boston University, where he studied with Walter Trampler. He also participated in music festivals at Tanglewood and the Cleveland Institute of Music.

Lyn Stodola, who comes from Chicago, received wide acclaim for her performances in Europe, Canada and the United States. After receiving her Masters degree from the Julliard School, she was chosen to be accompanist for the master classes of Leonard Rose and Nathan Milstein. She is currently Associate Professor of Piano at Dalhousie University.

The general public is invited to attend the concert and there is no admission charge.

Lunch with ART

Lunch with ART presents a variety of events for October, including a guest speaker, film, dance and music. All events take place on Fridays at 12:30 p.m. Admission is free and everyone is welcome.

Neal Livingston, a Maritime film maker, will present two of his films on Friday, October 9. "Water Power", a sociological documentary made in 1980, depicts the history of small water power generating stations in North America and the renewed viability of this energy source today as other means become more costly and scarce. The second film is a 1979 experimental film entitled "The Beach or the Ditch".

Halifax dancer/choreographer Zelda LaPaix will present her new work, "A Water Dance" in the Art Gallery on October 16. Ms. LaPaix, who has been active in dance in the Halifax area for more than three years, will be joined by three of her students for this performance.

The last two weeks in October and first in November will be devoted to music. On October 23, pianist Jane Gormly, will give a recital which will include works by Bach, Ravel and Chopin. The following week, October 30, the Art Gallery will present a harpsichord recital with Brian Strart, who will present works by Bach, Handel and Sorel. On November 6, Virginia Beaton will offer a recital of Baroque flute music.

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New Library Series

"Our World in the Eighties: Science in the Third World" is the title of a series of lectures to be held at the Halifax Regional Library, beginning October 15. The series of five weekly lunchtime sessions, which is co-sponsored by the Library and the International Education Centre, will be held on consecutive Thursdays at 12 noon.

On October 15 the film, "Development without Tears" will be shown. This half-hour documentary on the impact of industrial development on Third World rural areas will be followed by a discussion led by Karanja Njoroge, the newly elected President of the North-South Youth Assembly.

On October 22, "Formula Factor", a film which examines the plight of Third World mothers who turn from breastfeeding to bottle formula feeding, often with tragic consequences for their babies, will be shown. The commentator for this session will be Bonnie Anderson of the Home Economics Department at Mount Saint Vincent University.

October 29 will feature the film, "Rich Man's Medicine", a documentary on the role of traditional medicine in an industrialized world. Specific reference will be made to medical traditions in Africa.

On November 5 there will be a slide/tape presentation on "Dependency by Design", an examination of the apparent contradiction of people living in resource rich countries suffering from malnutrition, unemployment and illiteracy. The commentator will be Claudette Legault of OXFAM.

The final session on November 12 will be a panel discussion on "The New Technology: At Home and Abroad", an examination of the role of electronic technology in developing areas.

Star Charts

The Astronomy Department offers monthly star charts of the Maritime skies. Copies can be obtained from the Astronomy bulletin board (3rd floor, main, McNally Building), or by contacting Dr. Norman Scrimger, Astronomy Department, Saint Mary's University, Halifax, Nova Scotia, B3H 3C3.

News from the I.E.C.

I.E.C. Receives Grant

Dr. James Morrison of the International Education Centre announced that the Centre has received two grants.

The Canadian International Development Agency (C.I.D.A.) presented \$82,600 for the development of an education program, which will include a school and community workshop program and the development of educational materials for I.E.C. collection, and for a number of conferences on international issues.

The office of the Secretary of State for Multiculturalism presented \$34,876 for the development of multicultural programs for schools and the community, and for the sponsorship of research for further publications in the **Ethnic Heritage** series.

The I.E.C. will hold a panel discussion on "Canada and the World Food Crisis" on World Food Day, Thursday, October 15. Panel members will include researchers from the Coady Institute at St. Francis Xavier University and the Canadian International Development Agency (C.I.D.A.) The discussion will be held at 7:30 p.m. in Theatre B of the Burke Education Building. Everyone is welcome.

On Friday, October 16 at 12 noon, Dr. Rex Nettleford, Professor of Political Science at the University of the West Indies, will present a lecture on the International Development Research Centre of Canada in the International Education Centre. Dr. Nettleford, a native of Jamaica, is the Director of Extra-mural Studies at the University of the West Indies.

New Titles to be Published by I.E.C.

The International Education Centre will be publishing new titles in its "Ethnic Heritage Series", including a study by Dr. Hugh Millward (Department of Geography) on local demographic data, a study by Laurie Lacey on Germans in Lunenburg County, and a study by Dr. Dorothy Moore (Maritime School of Social Work) on minority education in Nova Scotia.

The Centre is currently reviewing submissions for future publications. Anyone interested should contact Dr. James Morrison, extension 164.

Saint Mary's challenges the corporate giants

by Doug Vaisey, Library



Ten of the 'Elegant Eleven'. Shown here (left to right) are: (back row) Fred Voltz, Doug Vaisey, Claire Hall, Mavis La Rocque, and Audrey Jessome; (middle row) Mary Pace; (front row) David Lundrigan, Faizal Junus, Keith Vaughan and Vicky Prosser. Missing from the picture is Don Harper.

At 8:00 a.m. on a Sunday morning, when most of the academic world was wrapped in its woolly bed-clothes, a boisterous team of eleven represented Saint Mary's in the Second Annual Corporate Challenge, held at DALPLEX, the sports and recreation centre at Dalhousie University.

The crew participated in events ranging from a 10-kilometre road race to 'pass the buck', and performed well enough to drive Saint Mary's standings into the middle of a field of 44. The exact position of the Elegant Eleven is a closely-guarded secret!

High honours were won early in the day, when Mavis LaRocque and Audrey Jessome held down third place in the 'speciality toss' (potting

three wads of paper into far-clung wastecans). Don Harper, Claire Hall, Faisal Junus and David Lundrigan were strong competitors in the pool events, dressed in soggy pajamas and inner tubes. Special recognition goes to Lundrigan who, though unable to swim, volunteered to fill out the team for the 'down-the-tube' race.

A loud Huzzah from Saint Mary's to its Corporate Olympic hopefuls: Claire Hall, Don Harper, Audrey Jessome, Mavis LaRocque, Faisal Junus, David Lundrigan, Vicki Prosser, Doug Vaisey, Keith Vaughan, Fred Voeltz and Mary Pace.

Recruiting for the '82 Corporate Challenge team began on Monday, September 28. '81 team members have all the details.



Mary Pace passes the ball back to Audrey Jessome as the rest of the Corporate Challenge team line-up behind her.

Are your students wary of using the Library facilities?

This year Library staff have again offered to conduct sessions at the request of professors to teach students to find information in specific disciplines and help them undertake class assignments.

Last year the Library organized 44 such sessions that were attended by 748 students. Faculty in five academic departments

(Sociology, English, Accounting, Education and Biology) took greatest advantage of this service, arranging for a combined total of 36 of the 44 sessions.

To arrange a class session this year, please telephone Jane Archibald at extension 172 at least **two weeks** in advance.

Upcoming events

The Halifax Small Business Conference, which is partially sponsored by Saint Mary's University, will be held at the Airport Hotel, Halifax, on October 26 and 27.

The Conference presents an opportunity for discussion and debate with business people from local, national and international companies. There will be a number of panel discussions, dealing with such topics as Mechanisms for Effective Lobbying, Government Purchasing, Subcontracting, Technology Transfer to Smaller Firms, Joint Ventures with Larger Firms, Dealing with Large Retail Chains, Productivity Improvement Through Worker Participation and Communicating Government Programs.

Further information and registration forms may be obtained from Dr. John Chamard, Department of Management, ext. 367.

A Seminar for Secretaries will be held at the Hotel Nova Scotian on October 31 from 8:30 a.m. to 4:30 p.m. Guest speaker will be Paul Douglas of P.A. Douglas and Associates, who will discuss "Time Management".

Further information may be obtained from Lynn Carle of the Professional Secretaries (International) Association at 424-6670.

at the Art Gallery

Recent Acquisitions to the Permanent Collection . . . until October 22

The Human Gods of China: October 20 to November 22.

Harold McGee exhibition: October 22 to November 22.

Lunch with ART (Fridays at 12:30 p.m.)

October 9: "Water Power" and "The Ditch or the Beach", two films by Neal Livingston

October 16: "Waterline", a modern dance by choreographer Zeldia LaPaix

October 23: Jane Gormley, pianist

October 30: Brian Start, harpsichordist

November 6: Virginia Beaton, Baroque flutist

Evening performance

October 15 at 8:00 p.m.
recital with Steven Wedell, violist, and Lyn Stodola, pianist.

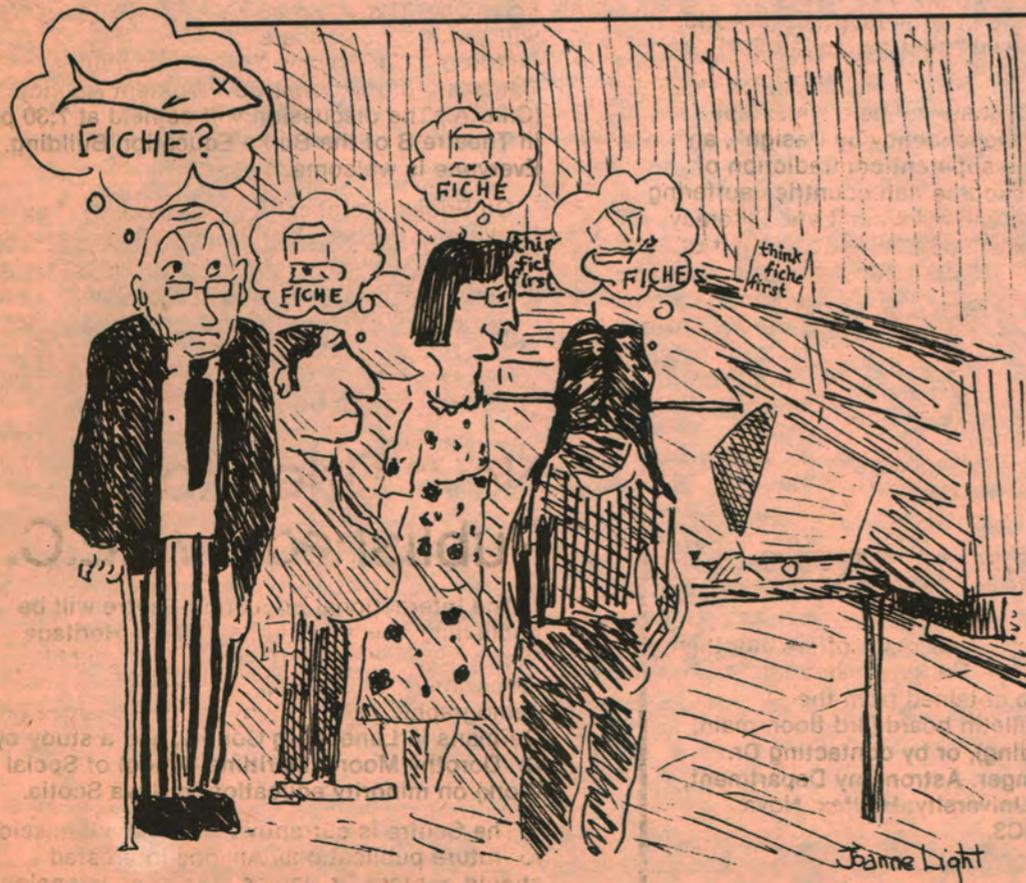
Group Equity Values

For the information of Saint Mary's faculty and staff concerned with pension contributions, the following figures are provided by Dr. J.J. Vorstermans, Department of Economics:

8 May	1981	— 917.70
15 May	1981	— 926.06
22 May	1981	— 925.64
29 May	1981	— 938.96
5 June	1981	— 928.66
12 June	1981	— 928.65
19 June	1981	— 923.91
10 July	1981	— 915.21
24 July	1981	— 916.97
31 July	1981	— 896.84
7 August	1981	— 902.19
14 August	1981	— 917.91
21 August	1981	— 903.07
28 August	1981	— 883.13

Pension fund members who will turn 64 before October 1, 1982 should contact Dr. Vorstermans for valuable advice (ext. 277).

Faculty members who are 65 or older may be eligible for a government cheque. Further information may be obtained from Dr. Vorstermans at ext. 277.



The Bulletin Board

Ads for the *The Bulletin Board* must be pre-paid at the Business Office. Cost is \$1 for 30 words; \$2 for more.

Please type (double-space) ads and submit to the Information Office, Room MN 215, before October 16.

Sorry, we cannot accept ads over the telephone.

Wanted

To buy a two-apartment building within walking distance of Saint Mary's. Phone Dr. D.G. Kabe at 429-9780 (ext. 378) or 422-5451 (home).

For Sale

Lovely secluded farmhouse by the sea on Northumberland Strait, renovated, 3 acres, orchard, access to private mile-long beach on Malagash Point, 2 hours from Halifax. \$42,000. Contact F. Young, 425-5415 or 257-2874.

Notices

Writing the GMAT? Worried about the "math ability" and "data sufficiency" questions? Attend a three-hour seminar in problem-solving techniques. See dozens of typical problems solved. 7:00 - 10:00 p.m., October 21 in Room Saint Mary's University. Fee: \$12 if paid by October 20; \$15 on day of seminar. Please make cheques payable to Dr. P. Scobey, Mathematics Department, Saint Mary's University.

On campus Beauty Shop—The Magic Touch (located in Vanier House). 423-7484. Open Thursdays and Fridays until 7:00 p.m. Student and staff rates available. A special two people for the price of one sale held first Friday of every month. All perms \$25. Shampoo, cut and blow dry \$10. Wet cut for students and staff only \$5.

Grand opening of track and field on October 10



Bob Hayes

The official opening of the new track and field facility at Saint Mary's will take place on Saturday, October 10. The opening ceremonies will be followed by a football match between the Saint Mary's Huskies and the X-Men of St. Francis Xavier on the new green AstroTurf 8.

The new facility has been built for the Seventh Pan American Wheelchair Games, scheduled to take place in August 1982. However, the track and field will be used for all varsity soccer, field hockey and football games as well as intramural activities and other social events. In addition, the Atlantic Bowl, Provincial

Bantam and Peewee Football Championships, the Nova Scotia Field Hockey Clinic, the Milne Cup in soccer and minor football games have been scheduled to take place on the field.

Some controversy on the safety of AstroTurf surfaces has arisen recently.

"Nonsense," replied Bob Hayes Director of Athletics at Saint Mary's and the person who first broached the idea of installing synthetic turf, "the field is perfectly safe. There is no medical evidence that more accidents occur on AstroTurf than on more traditional playing fields, despite numerous surveys."

He added that not only is AstroTurf safe, it needs little maintenance. McGill University, which has had an artificial surface for five years, has paid only \$35 for maintenance.

The other big advantage of AstroTurf, Mr. Hayes went on to say, is that it extends the season and allows for play during some inclement weather. "We can play all year unless there is snow on the field," he said. He then added that the Acadia-Saint Mary's football match, which was scheduled for October 3 on the Wanderers' Field in Halifax, had to be cancelled because of possible rain damage.

"If the AstroTurf field had been ready, the game would have gone ahead," he concluded.

The AstroTurf field has markings for Canadian football, soccer and field hockey. It is also wide enough to accommodate three intramural or junior level fields. The Chevron 440 track, vibrant blue in colour, has markings for six lanes.

The general public is invited to attend the opening ceremonies on October 10.

Schedules

ARENA

Monday, Wednesday, Friday
8:00 a.m. - 12:00 noon
sticks & pucks
12:00 noon - 2:00 p.m.
skating
Tuesday, Thursday
8:00 a.m. - 2:00 p.m.
sticks & pucks

ART GALLERY

Monday closed
Tuesday to Thursday 1:00 p.m. - 7:00 p.m.
Friday 1:00 p.m. - 5:00 p.m.
Saturday, Sunday 2:00 p.m. - 4:00 p.m.

BOOKSTORE

Monday, Tuesday, Thursday, Friday
9:00 a.m. - 4:30 p.m.
Wednesday 9:00 a.m. - 7:30 p.m.

CONTINUING EDUCATION

Monday, Wednesday 9:00 a.m. - 8:00 p.m.
Tuesday, Thursday, Friday 9:00 a.m. - 5:00 p.m.

LIBRARY HOURS

Monday to Friday 8:15 a.m. - 11:00 p.m.
Saturday 9:00 a.m. - 5:00 p.m.
Sunday 1:00 p.m. - 11:00 p.m.

GORSEBROOK LOUNGE

Monday to Wednesday 3:00 p.m. - 12:00 midnight
Thursday to Saturday 3:00 p.m. - 1:00 a.m.

BURKE-GAFFNEY OBSERVATORY

Tours—Every Saturday
Meet in Room L 152 at 7:00 p.m.

RELIGIOUS SERVICES

University Mass

Sunday 7:00 P.m.
Canadian Martyrs Church, Inglis Street

Weekday Mass

Monday, Wednesday and Friday 12:30 p.m.
Liturgical Centre L 145
Tuesday and Thursday 12:00 Noon
Liturgical Centre L 145

Ingatius Chapel (opposite Royal Bank)
Open Monday to Friday for Prayer and Meditation

Chaplain

Father John Mills
L200, extension 219 or 422-2223

ROYAL BANK

Monday, Wednesday, Friday
10:00 a.m. - 2:30 p.m.

SWIMMING POOL

Monday to Thursday
12 noon - 1:00 p.m. & 7:00 p.m.
- 10:00 p.m. Friday
12 noon - 1:00 p.m.
& 6:00 p.m. - 9:00 p.m.
Saturday 2:00 p.m. - 5:00 p.m.
Sunday 2:00 p.m. - 9:00 p.m.

FOOD SERVICE HOURS

Residence Cafeteria
Monday to Friday:
Breakfast: 7:30 a.m. - 9:30 a.m.
(full course)
(continental) 10:00 a.m. - 11:00 a.m.
Lunch 11:30 a.m. - 1:30 p.m.
Dinner 4:30 p.m. - 6:30 p.m.

Saturday and Sunday:

Brunch 11:30 a.m. - 1:30 p.m.
Dinner 4:30 p.m. - 6:15 p.m.

Private Dining Room

Monday to Friday 11:30 a.m. - 1:30 p.m.

Faculty Lounge

Monday to Friday 8:00 a.m. - 3:45 p.m.

Student Centre Cafeteria

Monday to Friday 8:00 a.m. - 6:00 p.m.
"Steak'n Stein"
Thursday and Friday 4:00 p.m. - 6:00 p.m.

Coffeehouse, Loyola Building

Sunday to Thursday 8:30 p.m. - 12:00 midnight
Friday and Saturday 11:00 p.m. - 2:00 a.m.

Mini Mart, Loyola Building

Monday to Friday 8:00 a.m. - 11:00 p.m.
Saturday and Sunday 11:00 a.m. - 11:00 p.m.

Coffee Cart, First Floor Colonnade

Monday to Thursday 8:30 a.m. - 8:30 p.m.
Friday 8:30 a.m. - 1:30 p.m.

Sports schedules

(Bold face indicates games in Halifax)

Date	Event	Location	Time
Friday, October 9	Field Hockey	Mount A. at Saint Mary's	4:00 p.m.
Saturday, October 10	Field Hockey	MUN at Saint Mary's	4:00 p.m.
Saturday, October 10	Football	St. F.X. at Saint Mary's	2:00 p.m.
Sunday, October 11	Soccer	UNB at Saint Mary's	1:00 p.m.
Friday, October 16	Field Hockey	St. F.X. at Saint Mary's	2:00 p.m.
Saturday, October 17	Field Hockey	Acadia at Saint Mary's	4:00 p.m.
Wednesday, October 14	Soccer	Saint Mary's at Acadia	4:00 p.m.
Saturday, October 17	Hockey	Saint Mary's at UPEI (Ex)	7:00 p.m.
Saturday, October 17	Soccer	Saint Mary's at MUN	3:00 p.m.
Saturday, October 17	Football	Saint Mary's at Acadia	2:00 p.m.
Sunday, October 18	Hockey	Saint Mary's at U de M (Ex)	2:00 p.m.
Tuesday, October 20	Hockey	Saint Mary's at Acadia (Ex)	7:30 p.m.
Wednesday, October 21	Soccer	Dalhousie at Saint Mary's	4:00 p.m.
Friday, October 23	Hockey	Saint Mary's at UPEI	7:30 p.m.
Friday, October 23	Football	Saint Mary's at St. F.X.	4:00 p.m.
Saturday, October 24	Hockey	Saint Mary's at Mount A.	2:00 p.m.
Saturday, October 24	Soccer	Acadia at Saint Mary's	11:00 a.m.
Saturday, October 24	Football	Mount A. at Saint Mary's	2:00 p.m.
Sunday, October 25	Field Hockey	MUN at Saint Mary's	1:00 p.m.
Saturday, October 31	Hockey	Mount A. at Saint Mary's	7:30 p.m.
Saturday, October 31	Football	A.U.A.A. Semi-finals	1:00 p.m.
Saturday, October 31	Field Hockey	A.U.A.A. championships	
Sunday, November 1	Soccer	A.U.A.A. championships	
Saturday, October 31	Soccer	A.U.A.A. championships	
Sunday, November 1	Field Hockey	C.I.A.U. championship	
Saturday, November 7	Hockey	Saint Mary's at UNB	7:30 p.m.
Friday, November 6	Hockey	Saint Mary's at STU	2:00 p.m.
Sunday, November 7	Hockey	A.U.A.A. championship	1:00 p.m.
Saturday, November 7	Soccer	C.I.A.U. championship	
Saturday, November 14	Soccer	C.I.A.U. championship	

The Times is produced by Information and Public Relations, Saint Mary's University. Deadline for next issue is October 16, 1981. Editor - Liz Stevens