

"A little Madness in the Spring Is wholesome even for the King" — Emily Dickinson Saint Mary's University Halifax, Nova Scotia

March 1984 Volume 13, Number 5

Off and running Capital Campaign launched — \$13 million objective



Press conference to announce the Capital Campaign. Shown here (left to right) are: Ronald J. Downie, Q.C., Chairman of the Board of Governors; the Honourable Terence Donahoe; Monsignor John R. Campbell; and University President, Dr. Kenneth L. Ozmon.

It has been more than a year since faculty and staff were addressed about the impending financial campaign. Some may have forgotten it. Instead, during the intervening year organization of the massive campaign has been quietly underway.

Development Director Don Keleher, together with the individual campaign chairpeople, have been meeting to select recruits to sit on the committees. Now, the list of volunteers is a roster of prominent business executives, politicians, dedicated alumni, faculty, staff and other distinguished individuals — all prepared to help the University raise necessary capital funds to meet future needs.

Ronald Downie, Q.C., Chairman of the Saint Mary's Board of Governors and Campaign Co-chairman, officially announced the launch of the campaign at a press conference on March 2. With him was the Honourable Terence Donahoe, who confirmed a Provincial Government grant of \$3 million towards the construction of a fitness and recreation centre.

The five-year, \$13 million campaign will fund projects in seven areas: the fitness and recreation centre; increased student aid and support for scholarships, bursaries and fellowships; new computer technology; improvements to the library and necessary additions to its collections; improved scientific and laboratory equipments; additional equipment and services for disabled students; and support for research projects and Academic Chairs.

Mr. Downie pointed out that the purpose of the campaign is to meet the increasing demand to provide quality higher education in Nova Scotia and to continue Saint Mary's tradition of personalized approach to students and its committment to excellence. "Specifically," he said, "Saint Mary's continues to meet the challenges in its commitment to provide excellence in undergraduate and graduate education in the fields of Arts, Commerce, Science and Education." He added that Saint Mary's is proud of its academic achievements since its founding in 1802.

Saint Mary's does not have an accumulated deficit. Rather, the campaign is being launched at a time when its books will again balance for the current fiscal year. Funds will be raised through personal solicitation of faculty, staff, alumni, corporations and foundations. This issue of The Times is dedicated to the Saint Mary's University Capital Campaign. More information on the Campaign can be found on the following pages:

How will the funds be used?... page 3 How will the money be raised?... page 3 Who are the people behind the campaign?... page 3 & 4

Statement by the President . . . page 4 The Honourable Terence Donahoe, MLA page 4

Thought for the month —

"The first day of spring is one thing, and the first spring day is another. The difference between them is sometimes as great as a month."

- Henry Van Dyke in Fishermen's Luck, chapter 5



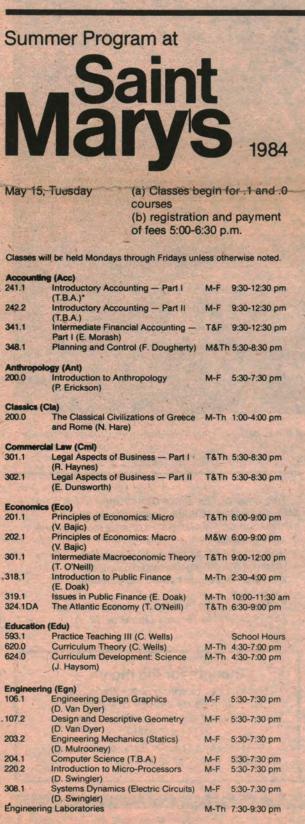
Filmstrip on Micmac Indians wins Film Festival Award

Micmac, from nikmag, means 'my kin-friends'. "The Micmac used this word as a greeting, when speaking to the newcomers from Europe. Later the French adopted the term, and began addressing these Indian friends and allies as 'nikmags'." (*The Micmac: How Their Ancestors Lived 500 Years Ago* by Ruth Holmes Whitehead and Harold McGee. Published by Nimbus Publishing Limited, Halifax, 1983).

Dr. Harold McGee, professor of anthropology at Saint Mary's and co-author of *The Micmac* is a scholar of Micmac development and culture. He has of late been recognized for his expertise outside academic circles.

First came a five-part mini-series on the Micmac, produced by the CBC, Nova Scotia Department of Education and the Micmac Association for Cultural Studies. With Ruth Whitehead, Dr. McGee acted as series consultant for the programs which were aired on educational television. In each segment the aboriginal culture was re-enacted by native actors in period costumes, speaking the Micmac language. Narrators explained the language and action.

Meanwhile, the book on the Micmacs some five hundred years ago, written for children in Grade 5 and up, was published and earned favourable reviews. The book deals with the life of the Indians



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340.0	Introduction to Drama (R. MacDonald)	M-F	10:00-12:00 pm
395.0	Introduction to Shakespeare	M-F	7:00-9:00 pm
	(C. Byrne)		in the
424.0	20th Century American Literature	M-F	5:30-7:30 pm
	(B. Hallet)		- 1 2 2 - 1
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260.1	Personal Finance (D. Connelly)	T&Th	6:00-9:00 pm
360.1	Business Finance I (A. O'Neill)		6:00-9:00 pm
362.1	Principles of Real Estate and	T&Th	6:00-9:00 pm
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	(A. Murphy)	F	5:30-6:30 pm
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200.0	Geography of Canada (R. Crickmer)	M-F	5:30-7:30 pm
301.0	Elements of Economic Geography	M-F	5:30-7:30 pm
	(R. Widdis)		
History (Hi			
201.0	Civilization in the West (R. Bollini)	M-F	7:00-9:00 pm
250.0	United States to 1877 (R. Twomey)	M-F	10:00-12:00 pm
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100.0	Introduction to Italian (J. Mackriss)	M-In	5:30-8:00 pm
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199	Management (J. Forrest)		5:30-8:30 pm
382.0	Organizational Behavior (L. McRae)		5:30-8:30 pm
385.1 489.1	Personnel Management (I. Abraham) Business Policy (J. Pliniussen)		5:30-8:30 pm 6:00-9:00 pm
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	ent Science (Msc)		
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207.1	Introductory Statistics for	T&Th	9:00-12:00 pm
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324.1	Use of COBOL in Data Processing.	T&Th	6:00-9:00 pm
325.1	(D. Fletcher) Introduction to Computers	TETH	6:00-9:00 pm
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376.1	Consumer Behavior (N. Kling)	T&Th	5:30-8:30 pm
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	Business Administration (MBA)		
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100.0	Algebra and Trigonometry (D. Kabe)	M-F	5:30-7:30 pm
Tutorial			7:30-8:30 pm
113.0	Mathematics for Commerce and Social Sciences (F. Lyne)	M-F	5:30-7:30 pm
Tutorial	Social Sciences (F. Lyne)		7:30-8:30 pm
118.1	Remedial Mathematics (T.B.A.)	M&W	6:00-9:00 pm
Tutorial			T.B.A.
125.1	Basic Programming and Computer	T&Th	6:00-9:00 pm
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before contact with Europeans and goes on to chronicle the disasterous dessimation of the tribes as a result of contact with European diseases.

Turning his hand to another media, Dr. McGee agreed to be the consultant for the National Film Board/Department of Education filmstrip on "Micmac: Their Daily Life/Their Seasonal Life". He checked the script for accuracy and helped the producer select appropriate transparencies, some of which were stills from the CBC series. The effort paid off — the filmstrips won a Gold Medal last November at the International Film and Television Festival of New York.

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329.0	Philosophy of Law (W. Grennan)		6:30-9:00 pm
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331.1	Child Psychology I (K. Hill)	M-F	7:30-9:30 pm
333.0 348.1	Abnormal Psychology (V. Parliament) Psychology of Sex Roles (H. Fiske)	M-F M-F	7:30-9:30 pm 5:30-7:30 pm
349.2	Drugs and Behavior (I. Lenzer)	M-F	5:30-7:30 pm
450.2	Behavior Problems of Children	M-F	7:30-9:30 pm
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	(P. Bowlby)		
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331.2	Social Gerontology (I. Okraku)		5:30-8:00 pm
336.1	Modernization and Aging (I. Okraku) Work and Occupation in		5:30-8:00 pm 5:30-8:00 pm
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370.1	Introduction to Marketing	T&Th	5:30-8:30 pm
	(Z. Qureshi)		
372.1	Marketing Communication and	T&Th	5:30-8:30 pm
and the set	Advertising (R. Sparkman)	-	JAUNA SANDA
374.1	Sales Management (Z. Qureshi)	M&W	5:30-8:30 pm
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227.1	Applications of Computers to		T.B.A.
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How will the funds be used?

A breakdown of projects to be funded by donations sought during the Capital Campaign follows. It should be noted that of the \$6 million earmarked for construction of the fitness and recreation centre, \$3 million has been committed by the Provincial Government towards construction, slated to begin in 1985.

OBJECTIVES

I CAPITAL ITEMS	Minagon ·	
A. Construction	Fitness & Recreation Centre	\$ 6,000,000
B. Equipment	Computer Equipment Library Acquisitions & Improvement Scientific/Laboratory Equipment Administrative/Departmental Equipment	1,000,000 800,000 500,000 100,000
C. Equipment & Services For Disabled Students	Services for the Hearing Impaired Community Tape Resource Library Campus renovations & improvements	350,000 250,000 100,000
D. New Programs & Academic Chairs	Chairs Business Administration/Computer Science Program	1,800,000 100,000
II STUDENT AID	Scholarships, Bursaries, Fellowships	1,500,000
III RESEARCH FUNDING	Faculty Research Fund Gorsebrook Institute International Education Centre Institute of Human Values	200,000 100,000 100,000 100,000
NA - THE AND A PROPERTY OF	TOTAL OBJECTIVE	\$13,000,000
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How will the money be raised?

The Campaign Committee has given very serious consideration as to who may be expected to donate to the Saint Mary's Capital Campaign. What follows is a breakdown of how much each targeted group is expected to contribute over a five-year period. Donations may be unrestricted, directed towards a specific project, or given in the name of someone. Non-monetary gifts, such as books or works of art, may also be donated.

Be it \$10, \$10,000 or \$100,000, all donations will be gratefully accepted in the spirit that every dollar builds a securer future for the University, and for those who work and study here. Faculty and staff will have the option of payroll deductions. To illustrate how that would work, a pledge of \$200 a year, or \$1000 over five years, would amount to less than \$10 per biweekly pay cheque.

ANTICIPATED FUNDING SOURCES

(Non-Government)	
National Corporations — Canada	\$4,000,000
Foundations — Canada & U.S.A.	2,500,000
Alumni	1,200,000
Regional Corporations	1,000,000
Special Events	400,000
Special Names	400.000
Board of Governors	150,000
Faculty	100,000
Staff	50,000
U.S. & Other Corporate Sources	100,000
Other:	The set is a
Students, Parents, Diocese,	
Continuing Education Students,	
Part-Time Students	100,000
Total:	\$10,000,000

Noteworthy Notes

DR. JAMES AHIAKPOR (Economics) was the external examiner for a doctoral thesis at Dalhousie University, January 1984.

DR. JAMAL BADAWI (Management) delivered a paper entitled "Humanity of Earth: A Muslim View" at the Interreligious Trialogue, organized by Professor John Hick, editor of *The Myth of God Incarnate*. The Trialogue was sponsored by Claremont Graduate School in California, February 8 and 9, 1984.

Dr. Badawi was a discussant of another paper and took part in a panel discussion on "The Essence of Judaism, Christianity and Islam".

DR. RONALD COSPER (Sociology) is studying patterns of alcohol misuse in the Canadian population.

DR. COLIN DODDS (Finance and Management Science) has been awarded a \$4000 grant from the Canadian Life and Health Insurance Association to host a symposium on the portfolio management aspect of life insurance companies and pension funds.

Faculty Publications

JAMES AHIAKPOR (Economics), "Ricardo on Money: The Operational Significance of the Non-Neutrality of Money in the Short Run", accepted for publication in the *History of Political Economy*, Volume 17, No. 1, Spring 1985.

JAMAL BADAWI (Management), "Islamic Ethics", a third of series entitled "Ethics in World Religions", in Ethics in Education, Vol. 3, No. 6, February 1984.

JAROSLAV DOSTAL (Geology), C. Dupuy and M. Zentilli, "Uranium and Thorium in Late Proterozoic Volcanic Rocks from Northwestern Africa", in Chemical Geology, 42 (1984), pp 297-306.

MARGARET HARRY (English), "Standing Apart": A review of Night Letters by Bill Furey, Wood Lake Music by John Lent and Counting the Hours: City Poems by Tom Wayman in The Antigonish Review (Autumn, 1983), Number 55, pp 71-74.

WENDY R. KATZ (English), "Muse From Nowhere: Christina Rossetti's Fantasy World in Speaking Likenesses" in Journal of Pre-Raphaelite Studies, 1984 (forthcoming).

ALFONSO ROJO (Biology), "Time of appearance and pattern of development of the scales in Atlantic salmon (Salmo salar)" in Acta Vertebrata, 10(1): 5-17, 1983, Sevilla, Spain. DR. KARIN FLIKEID (Modern Languages and Classics) presented a paper entitled "Maintien ou abandon de la prononciation traditionnelle: la situation actuelle dans la Peninsule acadienne" at the 7th annual meeting of the Atlantic Provinces Linguistics Association, held in Moncton, New Brunswick, November 17 to 19, 1983.

Dr. Flikeid gave a lecture as invited speaker at the Université de Sherbrooke, Québec, December 1, 1983. She spoke on "Les Parlers acadiens du Nouveau-Brunswick et de la Nouvelle-Ecosse: perspectives sociolinguistiques".

DR. WAYNE GRENNAN (Philosophy) presented a paper entitled "Identifying Missing Assumptions in Arguments" at the annual meeting of the Atlantic Philosophy Association, November 1983.

DR. MARGARET HARRY (English) gave a lecture on Concrete Poetry to students in the Art and Technology program at the Technical University of Nova Scotia, January 23, 1984.

DR. PETER MARCH (Philosophy) presented a paper entitled "Exactification, Facts and Values" at the annual meeting of the Atlantic Philosophy Association, November 1983.

Of Special Note

DR. KEITH VAUGHAN (Chemistry) toured Maritime universities during the week of January 30, 1984 to speak to students and faculty at the invitation of APICS. Speaking at St. Francis Xavier, the University of Prince Edward Island, Mount Allison, University of New Brunswick, and the Université de Moncton, Dr. Vaughan referred to his current research on the investigations of open-chain triazenes as synthons for various heterocyclic systems and also as potential anti-tumour agents.

APICS invites a select number of distinguished chemists to take part in speaking tours each year.

DR. EMERO STIEGMAN (Religious Studies) has received a \$12,000 leave fellowship from the Social Sciences and Humanities Research Council (SSHRC) to assist in carrying out research in France during 1984/85. Dr. Stiegman will study church architecture of the early twelfth-century Cistercian monks in the hope of mediating between art historians and theologians, who treat of this architecture in relative ignorance of each other's discipline.

Since so large a part of the artistic heritage of all culture is the expression of religious experience,

DR. ROWLAND MARSHALL (Philosophy) presented a paper entitled "The Education and Philosophy of William Blake: A Philosophy of the Imagination" at the annual meeting of the Atlantic Philosophy Association, November 1983.

DR. WALLACE MILLS (History) presented a paper entitled " 'Cape Smoke': Alcohol Issues in the Cape Colony in the 19th Century" at an international invitational conference on the Social History of Alcohol at Berkeley, California, January 2 to 5, 1984.

Dr. Mills presented the same paper to the Seminar of the African Studies Centre at Dalhousie University on February 15, 1984.

DR. HERMAN SCHWIND (Management), DR. NATHAN D. KLING (Marketing) and DR. EARL J. ROBINSON (Finance and Management Science) conducted a workshop for the Halifax Library Association on the topic, "Statistics Made Easy". Twenty-eight librarians attended.

Dr. Schwind with DR. ARUN MUKHOPADHYAY (Economics) and DR. SHRIPAD PENDSE (Management) received a grant of \$3000 from the Social Sciences and Humanities Research Council (SSHRC) to conduct research on Profit Sharing in Canada.

historians and critics would do well to enquire into the character and content of that experience, explains Dr. Steigman. Theologians, generally, have not been helpful in tracing the way religious experience translates into architecture and the other arts. The result of his research will be a monograph offering a religious and architectural interpretation of the classic Cistercian abbey church.

At the Art	Gallery
March 28-April 19	READING ROOM with Bruce Barber
May 1-June 10	Recent works by ANNA SYPAREK
Lunch with Art	the state faulte der anterfactures
March 16	Donna Hart, lecture and piano recital
March 30	Bruce Barber, lecture

Who are the people behind the campaign?

His Eminence G. Emmett Cardinal Carter has graciously consented to act as Honorary Campaign Chairman. Cardinal Carter, who was created a cardinal by Pope John Paul II in 1979, was honoured with a Doctor of Letters degree by Saint Mary's at the 1980 Convocation ceremonies.

There are three active co-chairman of the Committee: Ronald Downie, Q.C. and Chairman of the Board of Governors; former Board member John Dickey, Q.C., a Saint Mary's alumnus and recipient of an honorary Doctor of Laws degree at the 1981



Ronald J. Downie, Q.C.



J. William E. Mingo, Q.C.

Convocation; and William Mingo; Q.C., prominent Halifax lawyer and recipient of an honorary Doctor of Laws degree at the 1982 Convocation ceremonies.

Heading the National Campaign Committee is yet another honorary degree recipient, J. A. Gordon Bell, President, Deputy Chairman and Chief Operating Officer of the Bank of Nova Scotia. He received an honorary Doctor of Laws degree in 1982. Paul J. Dyer will chair the equally important Foundations Committee. Within the University, Committee Chairmen include Dr. Frank Dougherty (Faculty), an accounting professor; Robert Hayes (Staff), Director of Recreation and Athletics; Judge Patrick Curran (Alumni Association), and Dr. C. Henry Reardon (Board of Governors).

National Corporations Committee:

Mr. Michael Baker, Msgr. Colin Campbell, Mr. Patrick Campbell, Mr. John Coleman, Rev. Patrick Malone, Mr. Richard O'Hagen

Campaign Advisory Group:

Premier John Buchanan, Senator Richard Donahoe, Archbishop James Hayes, Mr. Terrence Heenan, Ms. Maureen McTeer, Honourable Fabian O'Dae, Mr. John O'Dae, Mr. Bruce Oland, Honourable Gerald Regan, Mr. Harry Steele, Mr. R. T. Vaughan



John H. Dickey, Q.C.

Chairman of the Alumni Committee

Judge Patrick Curran, an alumnus and avid supporter of the Alumni Association at Saint Mary's, will chair the Alumni Committee. Although an extremely busy member of the Nova Scotia judicial system, Judge Curran took time to prepare the following statement.

I am fortunate to be an alumnus of Saint Mary's and honored to be the chairman of the Alumni section of the Financial Campaign. Only my family has had more impact on my life than the great friends and dedicated teachers I had as a Santamarian.

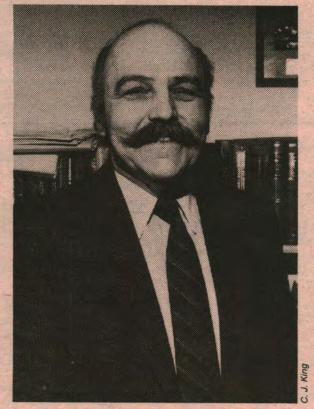
Saint Mary's would never have existed without the generosity of the people of the Archdiocese of Halifax and various religious orders. In more recent years the people of Nova Scotia and Canada have carried the largest part of the financial load. Not one of us alumni has ever paid more than a small part of the cost of his or her education. Others have borne the burden for us and most of them have not received as many intellectual, social and financial benefits as we.

Now it is our turn to help. We know that all things, including university operations, cost more each year. As taxpayers, we also know that governments can no longer afford to pay the full annual increase in the cost of services, including university education. Most students and their families are unable to make up the difference.

Saint Mary's has enriched our lives by teaching us, through example, to recognize and accept obligations. We must each do what we can to assist present and future students and to pass our sense of obligation along to them.

Our alumni campaign does not call for the impossible from any of us. Rather, in keeping with Saint Mary's motto, it calls on us to keep our minds on our goal and to do as well as we can.

Faculty Campaign Chairman



Dr. Frank Dougherty (Accounting), Chairman of the Faculty Committee, is working with other faculty members to raise the greater part of \$150,000. Actually, he confides that he hopes donations from faculty will top \$180,000.

"Faculty," he said, "have the most to gain if this is a

better university." "After tax benefits," he added, "it does not take that much to make a good donation."

Reinforcing the importance of near 100 percent participation by faculty, Dr. Dougherty stated emphatically, "It is our University. The key is that we will be a \$10 to \$13 million better university because of the campaign.

"It is imperative we meet our goals just as it is imperative that we have full participation. How can we go to the corporations and foundations for support unless the faculty and staff are fully behind the campaign?

"The Saint Mary's campaign is for the future of the University. The government can no longer come through with massive grants for all universities. Luckily, Saint Mary's is clean. We are not raising money to pay off debts. We are looking to the future."

"I am very impressed with this place," he went on to say, "and I have worked in eight universities as well as spending 25 years in the industry, so to speak. As an accountant and a university professor, I believe the campaign is the only vehicle we have to help us become a better university."

In speaking about the fitness and recreation centre, Dr. Dougherty reiterated Dr. Ozmon's remarks that the University had the foresight to build adequate science laboratories, classroom space and library facilities. What was not built were suitable recreation facilities designed to meet the needs of the 5000 students now on-campus. However, he was quick to point out that faculty members need not support the centre if they choose not to.

"There is something for everyone in the proposed package," he said. "There is the library, science equipment, scholarships and bursaries, Academic Chairs and new programs."

Dr. Dougherty and his committee will be approaching faculty members within the next few weeks. He hopes to have pledges completed by the end of the month, before faculty disperse for the summer.





Dr. Kenneth Ozmon, President of Saint Mary's, prepared a case statement to explain why the University is undertaking a major financial campaign at this point in its history. His remarks follow.

When Bishop Edmund Burke founded Saint Mary's in 1802, his purpose was to provide future opportunities for the young men who made up the first student body. Since that modest start, Saint Mary's has provided those opportunities to many thousands of students — both men and women those of traditional university age, and those who are older.

Although Saint Mary's is now a public university, the solid traditions of the de La Salle, the Irish Christian Brothers and the Jesuits are still evident in its personalized approach to students, and its commitment to values and to excellence.

Now, almost 200 years into our history, our purpose is still to provide future opportunities for our students. The students have come here in unprecedented numbers to achieve the intellectual and social growth Saint Mary's offers. As we move into the 21st century, the demand for quality higher education will be even greater than before — both for young and old. To meet that demand, we are calling upon you for assistance.

Saint Mary's launches its campaign at a time when its role in the future development of Nova Scotia and Canada, and indeed the rest of the world, presents significant challenges to it. To keep faith with its distinguished past, Saint Mary's finds that one of the greatest of those challenges is to continue to provide excellent undergraduate education in the fields of Arts, Commerce, Sciences and Education.

Because of its foresight, Saint Mary's boasts one of the oldest and most extensive undergraduate Commerce programs in the country. It is also responsible for pioneering the cause of Continuing Education locally. Saint Mary's has been a leader in designing a program for disabled students and removing barriers impeding their access to higher eduation. Among the objectives of the current program are funds to develop these programs even further. Over 5000 full and part-time students take classes on Saint Mary's 30 acre campus in Halifax. The more than 40 percent enrollment increase the University has experienced since 1980 puts a tremendous strain on campus resources. Fortunately, in planning for its future, the University built scientific laboratories and a first class library facility, along with adequate classrooms and residence facilities. It is struggling, however, with antiquated recreational space which was designed to accommodate the 400 students for whom it was built in 1953. The urgent need for a fitness centre is also addressed in the present campaign.

The provision of excellent teaching and of a caring campus environment has not precluded professors from engaging in important research projects and other initiatives, such as international development. For a relatively small university, Saint Mary's has an unusually large number of faculty members who have received national and international recognition in their disciplines. The fact that its geology unit has been chosen by the Natural Sciences and Research Council to serve as the regional site for a very important X-Ray Fluorescent Facility Unit underscores its standing within the scientific community. Aside from its value for pure researchers, this facility will likely be called upon to play a major part in offshore activity.

Saint Mary's is a key educational contact between the Peoples Republic of China and Canada and was chosen by the Canadian Government in 1982 to establish and direct the Canada/China Language Training Centre at the Beijing Institute of Foreign Trade.

Its innovative Atlantic Canada Studies Program, its emphasis on practical experience in the Commerce program, and its attention to the needs of teachers already in the educational system, are examples of the manner in which Saint Mary's has attempted to address itself to the needs of the Province of Nova Scotia and Canada. The International Education Centre, the Institute of Human Values and the Gorsebrook Institute for Research on Atlantic Canada carry that commitment beyond the classroom and the laboratory out into the community.

What emerges from a considered look at Saint Mary's is an institution deeply rooted in the past; it is an institute building upon a base of excellence which has been developing for almost 200 years. As well, Saint Mary's is a university which has a strong sense of purpose — one which welcomes challenges and looks forward to meeting those challenges into the next century.

The objectives of the present campaign have been carefully chosen because we want to acknowledge our past and fulfill our vision of the future. With your help, we will.

The Honourable Terence Donahoe, MLA

Education Minister Terry Donahoe today announced a provincial government commitment of \$3 million to Saint Mary's University to assist in construction of a physical, cultural and recreational facility on the campus.

Mr. Donahoe noted that the facility has been in the planning for a number of years, and recommended for funding by MPHEC in their last few financial plans.

"It is well known to all Nova Scotians that we have been in a difficult period of recession from which we have not fully recovered, and accordingly the commitment which I confirm today will be made available to the University in the fiscal years 1985-86 and 1986-87. With the time necessary for design and construction phases, it is likely that the timing of the government assistance will fit in well with the University's need."

"There is no question", Mr. Donahoe pointed out, "that it is an extremely important element of all students' educational experience to have an opportunity to engage in cultural and recreational activities, as part of and as a supplement to their classroom and laboratory efforts."

"One of the most important initiatives undertaken by Saint Mary's University in the last decade is its commitment to the provision of a post secondary, education opportunity for our disabled community," Mr. Donahoe said. "The University has made it clear that the new facility will first of all be designed with special emphasis on meeting the needs of the disabled students and larger disabled community. As importantly, Saint Mary's has made it clear to the government that the facility will be as strongly oriented to community use as possible."

Note from AUCC

NSERC Funding

On January 25, Donald J. Johnston, Minister of State for Science and Technology and for Economic and Regional Development, announced the following measures to promote university/industry cooperation for research and technology development:

— a further increase of \$17.4M to the 1983-84 budget of the Natural Sciences and Engineering Research Council (NSERC) to strengthen its university research and manpower training programs;

-- \$16.5M over the next three years for a university/industry program (\$2.6M in 1983-84, \$5.9M in 1984-85, and \$8.0M in 1985-86); and

— \$3M in 1983-84 for the establishment of the Canadian Microelectronics Corporation, a nonprofit corporation that will manage a national microelectronics design network. The Corporation will be located at Queen's University and will be funded mainly through block grants from NSERC. It will be headed by a president who will report to a board of directors, whose members will be selected equally from the university, industry, and government sectors, with due regard to geographic and linguistic representation.

The additional funding brings the total NSERC budget for 1983-84 to \$281.1M, an increase of 14.9% over 1982-83.



Staff Chairman

Bob Hayes, Director of Recreation and Athletics, and Chairman of the Staff Committee, re-echoed Dr. Dougherty's contention that maximum participation by faculty and staff is essential for the success of the campaign.

"It doesn't matter how much they give; we'll accept ten bucks. It is that they do participate so that when we go to the corporations we can show that staff are actively backing the campaign." Staff, it is hoped, will contribute \$50,000.

Hayes tackled directly the question of the proposed fitness and recreation centre — by far the most expensive item on the Saint Mary's shopping list. Agreeing with Dr. Ozmon's statement that recreational facilities at the University are sadly antiquated, he added that it is not to be an athletics complex for top varsity players. Rather, it is a fitness centre for staff, faculty and students to enjoy while keeping themselves in shape.

"The varsity basketball team will not play league games there," he said, "because there won't be anywhere for fans to sit." Sporting plans of fitness centres at other Canadian universities, he explained that he anticipates a modular-style building with squash and racquetball courts, weight-lifting rooms and other such facilities, designed to be added to in years to come as the need arises. For those hoping for a new olympic-style swimming pool, there are no plans to include one at the moment.

Hayes added that a final design has not yet been selected and so it is impossible to predict what the centre will contain. However, paramount in the design will be facilities to meet the needs of the physically disabled. This means more than ramps to-and-from the building, but fitness equipment for paraplegics, shower and locker rooms accessible for wheelchair occupants and, perhaps in time, medical staff on call to help disabled students complete prescribed exercise routines. Despite its well earned reputation for being accessible for the disabled, Saint Mary's has no true recreational facilities for these students. Even the Gold Cup Wheelchair Games for 1983 had to be played elsewhere because it is nigh impossible for a wheelchair occupant to descend the steps to the gymnasium

What will be in the fitness and recreation centre still remains in the minds of speculators. Construction won't begin until 1985. Meanwhile, Hayes and his committee members will begin talking to staff about donations in the next few weeks — not just for the centre but for all the Capital Campaign projects.

Congratulations — Ten Years Young

The University of Regina is celebrating its tenth anniversary in 1984. On Canada Day, July 1, 1974, the University became an autonomous institution.

Japanese scholar teaching courses at Saint Mary's



Arriving like Santa Claus (his own words), Dr. Horoshi Ono of Hokkaido University, Japan, arrived on Canadian soil amid the aftermath of a blizzard on Christmas Day.

Since then he has been teaching Japanese economics at Saint Mary's. The course, he explained, is divided into two halves. The first lectures were devoted to a general discussion of Japanese economics in relation to international trade. To Illustrate his point, Dr. Ono went on to say that the world experienced two oil crises: the one that resulted from the Arab-Israeli war of 1973 and the second, touched off by the Iranian Revolution and the takeover of the American Embassy in Teheran. The second, which plunged the world into the recession from which it is currently recovering, seemed to have little effect on Japanese economy. The reason, says Dr. Ono, is Japan's economic structure and the country's adaptability to change.

That structure of the Japanese economy forms the second half of the course. Japanese businesses are structured into a pyramid shape with controlled wage and seniority systems. Built on a long tradition of respect for the elderly, it is understood that the young will not be offered senior executive positions. Instead, a young executive is content to know that his advice will be heeded for the good of the company, and he accepts his place within the structure of the company's hierarchy. He compromises personal ambition for job security and a wage structure that will increase as his needs increase and tail off as his wants become fewer. (The average retirement age in Japan is 55 to 60, whereas a worker reaches the highest point on the salary scale often between 48 and 52 - a time when he might have children enrolled in university.)

Respect for the elderly and loyalty to the company form much of the basis of Japan's economy, according to Dr. Ono. That loyalty to the company is crucial. Japanese workers do not move from one company to another in search of higher wages or job promotions, as do their North American counterparts. They expect to be employed by one company all their lives and they receive benefits for their loyalty - job security, a fair wage structure and the promise of seniority as they get older. Workers take pride in their company, added Dr. Ono, proud to wear company insignias on their company clothing. This loyalty has helped many companies survive international recessions. If a business falters, workers will accept wage cuts on the understanding that when the firm recovers the workers will be the first to benefit. Wage cuts are also more acceptable than layoffs of part of the work force. It is that attitude on behalf of both Japanese workers and managers that helped the country survive the second oil crisis. As the price of oil (a commodity Japan must import) rose, wages decreased. The result - no significant inflation while the rest of the western world reeled under rates

A year spent in France

Discussing world affairs over a cup of coffee in a French café, enjoying the refreshments of Octoberfest in Austria, skiing the French Alps in February — not an unattractive way to spend a school year.

For George latrou, a French major returned from the Université Catholique de l'Ouest, his year of study in Angers, France was all that and much more.

"It was quite a cultural shock," admitted the final year Greek/Canadian student, "but it was the best way to learn the language. A great experience and a good opportunity to travel.

"In fact, I can't understand why more students don't want to go."

Angers is a large marketing town to the west of Paris, not far from LeMans and in the Loire Valley. With a population of 100,000, it is perhaps best known for the cointreau produced there. However, slate is probably the number one industry, believes Mr. latrou. The countryside is beautiful, dotted with French chateaus.

Foreign students attending the University are billeted with local French families while they attend classes in French and other subjects at the Centre International D'Etudes Francais (CIDEF), a part of the University. Of the 4000 students at the University, some 275 are foreign nationals studying at the Centre.

George latrou began the first semester with an intensive training course in French, during which time he lived at the Centre and studied some 25 hours per week. After that he moved in with a local family, eventually taking up residence with a widow and an American student. "She (his landlady) was rather like a grandmother to me, allowing me complete freedom of her home."

After finishing the French immersion course, Mr. latrou began regular classes in French translation, political science, geography, economics and continued his studies in French. His courses were approved by the Registrar's Office at Saint Mary's, and he received five full credits towards his Bachelor of Arts degree.

It was a hard year, he agreed, that ran from October 13 to June 10. However, there were plenty of study breaks and he took full advantage of them to see more of Europe.

Octoberfest found him in Innesburg, Austria, with a friend. At Christmas he headed for Greece to look up family relations. Dependent on erratic ferry schedules and poor weather, it took him four days just to reach Athens. February Break and he was skiing in the French Alps near Chamonix. At the end of the school year he hitch-hiked to Brittany to visit some of the sites of the second world war — the beaches of Dunkirk, Normandy and Juno.

Despite long hours of study and vacations spent in some of the best known spots of Europe, Mr. latrou took time to get to know Angers and the French. Because foreign students are isolated from the main student body at the University, he felt closer to the townspeople. He played hockey for the local team when he discovered the rink manager was from Québec. After the games, he and the players would get together in the cafés to talk — a favourite French past time. He also had a close friend who worked in a local radio station and taught him a little about the French media.

Mr. latrou, in fact, found the year in France so interesting and so beneficial to his study of the French language that he plans to return next fall, soon after he graduates. He intends to work as an au pair for a year before returning to Saint Mary's to study towards his Bachelor of Education degree.

Interest in the Study Abroad program has increased in recent years thanks, in part, to efforts by members of the Department of Modern Languages and Classics to publicize it. Few students were enrolled in the years before George latrou left for France. However, this year there are eight Saint Mary's students at the University, and another fifteen have applied for the 1984-85 academic year. running in the mid-twenties. Dr. Ono commented wryly on an American corporate president who proudly announced that his executive had managed to impose wage cuts on workers while still able to pay shareholders a handsome dividend. That, one gathers, would not be contemplated in Japan.

Does the system work? The country enjoys a very high standard of living and a 2.5 percent unemployment rate. That figure, Dr. Ono added, is open to interpretation since it probably does not include married female workers looking for work but not registered as unemployed. The real rate, he expects, is probably closer to five percent, still much smaller than Canada's current eleven to twelve percent.

Traditionally Japanese women, those few who did work, were expected to retire to the home once married. Only recently have women insisted on higher education and working after marriage. Still there is a stigma that if a married woman works her husband cannot afford to keep her. Thus, there remains some reluctance on the part of company executives to offer jobs to female workers in the expectation that they may quit after marriage. Slowly that attitude is changing.

"It will take time," said Dr. Ono. "In Japan these changes are gradual".

It seems a near perfect system but perhaps the first fine cracks are showing. In early March, the giant Mimaya Corporation of Japan became the first in 55 years to declare bankruptsy.

"Beyond the Arms Race" subject of conference

Rear Admiral Eugene Carroll, USN (Ret.), Deputy Director of the Centre for Defence Information, Washington, will be the keynote speaker at a conference, Beyond the Arms Race: Building Security and Peace, at Mount Saint Vincent University, March 22-24.

The three-day event, sponsored by the Mount, Dalhousie University, Saint Mary's University, Canadian Learning Materials Centre and Halifax City Regional Library, offers concerned citizens an opportunity to hear expert opinions on how to build peace in a nuclear age and to participate in discussions and workshops.

It was at the Guelph conference last fall, when Prime Minister Pierre Trudeau launched his peace initiative, that Rear Admiral Carroll said, "Our security lies in the hands of the Russians, and their security lies in our hands. We must make others safer to be safer ourselves."

During his years of active duty, Rear Admiral Carroll served as Commander of Task Force 60, the carrier striking force of the United States Sixth Fleet in the Mediterranean and was the first naval officer to serve as Director of Military Operations for all United States forces in Europe and the Middle East. His keynote address takes place at 7:30 p.m., Thursday, March 22 at the Seton Auditorium, Mount Saint Vincent University.

At the Friday sessions, March 23, John Lamb, founder and executive director of the Canadian Centre for Arms Control and Disarmament, Ottawa will talk on "Arms Control and Disarmament — A Canadian Perspective" at 2:30 p.m. in the Seton Auditorium. A panel discussion follows with Giff Gifford, Veterans for Multilateral Disarmament; Mike Forrestal, MP, defence critic for the Progressive Conservative Party; Ann Mueke, Voice Women; and Max Chauvin, Queen Elizabeth High School student. The film "Gods of Metal" will be shown by Project Ploughshares at 5:30 p.m.

As a concerned scientist, Dr. Ursula Franklin, physicist and professor at University of Toronto, will address the conference on the role of the citizen in building security and peace. Dr. Franklin is an officer of the Order of Canada and served as Chairman of the Conserver Society Group of the Science Council of Canada.

On Saturday, March 24, the conference moves to Rosaria Centre with a morning of workshops on Personal Values, with Ursula Franklin; Dealing with Anxiety, with Major Charles Black, Chaplain, CFB, Stadacona; Sr. Evelyn Williams, Chaplain, Mount Saint Vincent University; and Rilda van Feggelen, counsellor with the Dartmouth schools system.

At 2 p.m., a panel with Ursula Franklin and Dan Middlemiss, Department of Political Science, Dalhousie University, will discuss "Defence Security for Canada — What are the Alternatives?"

The Diary of Anne Frank

by Frances Goodrich Albert Hackett



Saint Mary's University Dramatic Society

Directed by Jim R. Spurway

March 21-24, 1984 8:00 pm

Saint Mary's University Theatre Auditorium

\$4.00 - Regular \$3.00 - Students - Senior Citizens

The Diary of Anne Frank

The Saint Mary's University Dramatic Society, as the final production of its 30th anniversary year, will present *The Diary of Anne Frank* by Frances Goodrich and Albert Hackett, from March 21 to March 24 at 8:00 p.m. in the Theatre Auditorium.

The play tells the story of a young Jewish girl whose family is forced into hiding from the Nazi occupation of Holland. Leading roles are taken by Rhonda McLean (Anne) and Mark Bannerman (Peter Van Daan), both second-year students who have

Stop, think and listen . . .

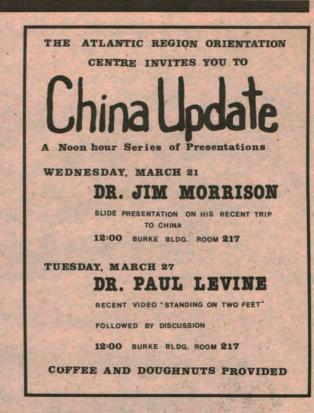
Reading Room, an exhibition by NSCAD instructor and artist Bruce Barber, will be on exhibit at Saint Mary's Art Gallery from March 28 to April 19. The artist will attend an opening reception on Wednesday, March 28 at 8:00 p.m.

Reading Room deals with Advocacy (controversy) Advertising, a type of advertising that is becoming increasingly popular among corporate executives. Most viewers recognize these as the expensive product advertisements that promote a company's ideology rather than a particular brand product. Barber uses United Technologies, a large American corporation, as his adversary in the exhibit. appeared in previous productions by the Society. Other cast members are Claire Milton, Terry Coolen, Katherine Chapman, Tim Ramey, Chuck Boudreau, Charles Williams, Heather Blackburn, and Joanne Miller. The director is Jim R. Spurway, who directed the Society's staging of *The Prime Of Miss Jean Brodie* in March 1983.

Tickets are \$4 for adults and \$3 for students and senior citizens, and will be available at the door.

In conjunction with the exhibit, Barber will present four two-hour seminars on Advocacy Advertising in the Art Gallery at 12 noon on March 30 and April 6, 13 and 19. The public is invited to attend.

Barber, born in New Zealand in 1950, attended Auckland University where he received his Bachelor and Master of Fine Arts degrees. He emigrated to Canada in 1976 and attended the Nova Scotia College of Art and Design on a Canadian Commonwealth Scholarship. He completed a Master of Arts degree at the College and has been teaching at Simon Fraser University and the Banff School of Fine Arts as well as NSCAD.



X-Ray Fluorescence Analytical Facility in final testing stage

Up on the fifth floor of the Science Building, final testing of the X-Ray Fluorescence Analytical Facility is now being completed. The facility, costing in excess of \$300,000 and funded mostly by the Natural Sciences and Engineering Research Council (NSERC), is a joint venture between Saint Mary's, Dalhousie, Acadia, St. Francis Xavier and Mount Allison Universities, with the Nova Scotia Department of Mines and Energy. Participating institutions will also contribute and Saint Mary's will provide space and the services of a geology technician.

The facility is designed to analyze the elements in rock samples. Current testing, explained Dr. Douglas Williamson, Dean of Science, is to establish a series of standards. Analysis of samples of known concentrations of known elements in standard samples must consistently produce the same results before analysis of unknown samples can begin.

Dr. Williamson added that the facility will be able to detect elements with an atomic weight greater than eight. That means the lighter weight hydrocarbons will not be detectable. Nevertheless, the presence of other elements that may point towards the possibility of oil or gas, can be detected. That, hopes the Dean, may mean the facility will be of use to offshore oil exploration geologists.

Boggled by computers and other high techology, the room-sized facility looks awesome. But, the principle is fairly simple as explained by technician Keven Cameron. Cameron, a former Saint Mary's geology student, has just completed his Master of Science degree at Memorial University of Newfoundland.

Electricity, amplified to 100 kilovolts, is forced through a x-ray tube, causing x-rays to scatter and penetrate the rock sample. The sample, ground to a fine powder, is packed tightly into a shallow cylinder. The x-rays striking the sample release electrons, which bombard an analyzing crystal. From the crystal the electrons are deflected to a moveable detector. That detector records the data on the sample. Each element has its own wavelength, its thumbprint. The points at which the electrons released from the sample hit the detector indicate the wavelengths of the elements in the sample.

"This," explained Cameron, "is qualitative analysis." Take the process one step further and it will record the quantity of a known element in a given sample. Rather than allowing the detector to arc back and forth, it is set at the predetermined wavelength of the element in question. By comparing a standard sample of the element with a known concentration with a second sample of unknown concentration, it is possible to determine how much of the element is in the second sample.

The potential of the facility is vast. Some bugs remain to be sorted out but once on-line, it will be an invaluable tool for Atlantic geologists — those land geologists and those offshore geologists — who are trying to determine where to start the search for hydrocarbons.





Coming Soon to the Art Gallery

... Recent works by ANNA SYPEREK

This drawing by Anna Syperek appeared on the front cover of the Saint Mary's University Calendar. A special exhibition of her works will be on display in the Art Gallery from May 1 to June 10.

Irish poet to speak at Saint Mary's University

The Irish poet and literary figure, Anthony Cronin, will be speaking at the Saint Mary's University Art Gallery on Sunday, March 18 at 8:00 p.m.

Author of the very successful novel, The Life of Riley, Cronin's poetry has had wide publication throughout the English-speaking world and he is included in The Faber Book of 20th Century Verse.



A major conference in Halifax March 22 to 24, 1984 Mount Saint Vincent University

Speakers include:

Admiral Eugene Carroll, Centre for Defense Information, Washington. John Lamb, Canadian Centre for Arms Control and Disarmament, Ottawa. Ursula Franklin, University of Toronto.

For further information call 443-4450, ext. 339 Mount Sav University Sam Mary University Canadian Learning Materials

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Among his accomplishments in the past was his being associate editor of the famous, but now defunct Irish literary anti-establishment journal, *The Bell*, which was founded by Sean O'Faolain.

More recently, Mr. Cronin was advisor on the arts to the Irish government, and in that capacity was instrumental in founding Arsdana, the Irish Arts Council. This body had its recommendations concerning tax-free status for Irish artists accepted by the government. At present Mr. Cronin writes a column for the Irish Times and has just recently published a study of modern Irish literature.

Faculty Women's Association Raffle

◀ Tickets are still available for the raffle of a painting by Tony Law. Proceeds will go towards a scholarship fund. Tickets may be purchased from the University Art Gallery.

Schedules

ART GALLERY Monday closed Tues to Thurs 1:00 p.m.-7:00 p.m. Friday 1:00 p.m.-5:00 p.m. Sat, Sun 2:00 p.m.-4:00 p.m.

BOOKSTORE Mon, Tues, Thurs, Fri 9:00 a.m.-4:30 p.m. Wednesday 9:00 a.m.-7:30 p.m.

CONTINUING EDUCATION Mon, Thurs, Fri 9:00 a.m.-5:00 p.m. Tues & Wed 9:00 a.m.-8:00 p.m.

PATRICK POWER LIBRARY Mon to Fri 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.

ROYAL BANK Mon, Wed, Fri 10:00 a.m.-2:30 p.m.

GORSEBROOK LOUNGE Mon to Wed 3:00 p.m.-12 midnight Thurs & Fri noon-1:00 a.m. Sat 3:00 p.m.-1:00 a.m.

BURKE-GAFFNEY OBSERVATORY Tours — Every Saturday Meet in Room L152 at 7:00 p.m.

RELIGIOUS SERVICES

University Mass Sun 7:00 p.m. Canadian Martyrs' Church Weekday Mass Mon, Wed & Thurs 6:30 p.m. Liturgical Centre L145 Tues 6:30 p.m. Ignatius Chapel Fri 12:30 p.m. L145 Ignatius Chapel (opp. Royal Bank) Open Monday to Friday for Prayer and Meditation

Chaplain Father John Mills L200, ext. 219 or 220 or 422-2223

TIMES

The Times is produced by Information and Public Relations, Saint Mary's University. Director — Carole Ann Michael Deadline for next issue is April 8, 1984 Editor — Alexa Thompson