

Saint Mary's University Halifax, Nova Scotia

October, 1985 Volume 15, Number 1 "D'ye think th' coledges has much to do with th' progress iv th' wurruld?" asked Mr. Hennessy.
"D'ye think," said Mr. Dooley, "'tis th' mill makes th' water run?" — F.P. Dunne,

Colleges and Degrees

Oct. 19-27 a busy time Saint Mary's celebrates National Universities Week

What does October 19 to 27 mean to you? More lectures? Possibly a midterm exam or a paper due? Maybe it's the week you plan to catch up on all those readings?

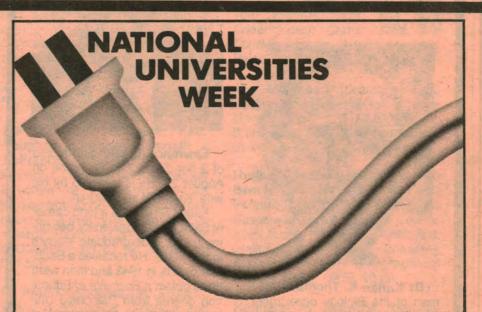
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Well, the week of October 19 to 27 is more than all that, it's also National Universities Week, proclaimed by the Association of Universities and Colleges of Canada (AUCC).

With the theme "Extending ideas into the community," National Universities Week is intended as a period of public awareness, when institutes of higher education across the nation jointly and individually work to emphasize their importance in their communities, to highlight their significance in society and to discuss the problems that face some of them.

Saint Mary's University is celebrating National Universities Week with a full schedule of events, from inviting members of the public to visit some of our classes to hosting a "block party" for our neighbours to offering a special lecture on Halley's Comet, to name a few.

Using the slogan "Plug into Saint Mary's," the University has invited the public to drop in on a selection of our regularly scheduled lectures taking place that week. Thanks to the overwhelming enthusiasm and cooperation of the professors who



EXTENDING IDEAS INTO YOUR COMMUNITY 19-27 October 1985

were asked to participate, we are opening the doors of over 50 of our classes (at least one from every department and division) to those who are curious about the university environment and want a casual means of finding out more about it. According to organizer Gina Wilkins of the Information and Public Relations Office, "The classes we are opening run the gamut from topical and practical to academic and esoteric. There really is something for continued on page 2

Vern turns first sod Work on Fitness Centre gets underway



Saint Mary's painter Vern Creighton (center) assisted the Honourable Terence Donahoe, Minister of Education (left), and the Honourable John Buchanan, Premier (right), with the official sod turning marking the start of construction on the University's new Fitness and Recreation Centre. (Chislett photo)

Construction of Saint Mary's new Fitness and Recreation Centre is finally underway. It got its official start a few weeks ago, when **Verdon Creighton**, a member of the University's maintenance staff, Nova Scotia Premier John Buchanan and Education Minister Terence Donahoe broke the first ground at a sod turning ceremony on October 5.

The ceremony, which took place on the site of the new Centre on the practice field adjacent to Tower Road, was well attended by Saint Mary's students and staff and members of the community. The ground on which the Centre is being built was blessed by Archbishop Hayes, the University's Chancellor.

Verdon Creighton, the university's painter for the last 20 years, was chosen to turn the first sod because, "We wanted someone from the staff who best represented loyalty and dedication to the University.

Vern is a good example — he's well liked by faculty, staff and students," says Saint Mary's president Dr. Kenneth Ozmon.

"Vern," as his friends at Saint Mary's call him, is an avid supporter of the university. Not only is he a dedicated employee ("I've painted anything and everything that needed painting."), but he is also one of the Huskies' most enthusiastic fans, attending most of the teams' home games. Of this most recent distinction, Vern, 63, says, "I'm just real honoured."

Work on the new \$6.6 million sports complex has been contracted to Boyd and Garland Construction Ltd. Bob Smith, President of Boyd and Garland, estimates that the project will employ up to 70 Nova Scotian tradesmen.

Funding for the building will come from a \$3 million grant from the Province of Nova Scotia and from the proceeds of the university's Capital Campaign.

The Centre was designed by the architectural firm of C.D. Davison and Co., Ltd. A 75,000 square foot facility, it will house a 30,000 square foot gymnasium with a 200-metre, four lane track around its perimeter, two racquetball and four squash courts, a multi-activity room, a Nautilus weight training room, first aid facilities, showers, lockers, and other amenities associated with pricontinued on page 8

In Memoriam

Members of the Saint Mary's community gathered last month to express their deep regret at the loss of four of their colleagues when a memorial service was held in the Theatre Auditorium for Dr. Kurian K. Thomas, Mr. Laurie Smith, Mr. Ian Gertsbain and Chen Lijia.



Dr. Kurian K. Thomas, Chairman of the Biology department, his wife, Molly, a technician at the Victoria General Hospital, and their two children, Veinod and Anita, died in the crash of Air India flight 182 last June, off the coast of Ireland. The family was travelling to India with friends.

Dr. Thomas, who was born in India, came to Canada from the United States in 1968 to teach at Saint Mary's University. He completed his undergraduate studies at the University of Travancore and received a Master of Science degree in Zoology and Entomology from that University in 1956. He later received a doctorate from the University of Florida in 1964.

From 1965 to 1968, Dr. Thomas was a post-doctoral fellow at Northwestern University in Evanston, Illinois. He then came to Saint Mary's on a National Research Council grant. In 1972, he was appointed Associate Professor of Biology, becoming a Full Professor in 1980. He was appointed Chairman of the Biology department in 1983. His numerous research activities and publications earned him listings in *Who's Who in Science* and *American Men and Women in Science*.

Dr. Thomas served on many university committees, among them the Curriculum Committee, the Subcommittee on Part-Time Studies, the Scholarship Committee and the Committee on Animal Care. He was also a member of **APICS (Atlantic Provinces Council** on the Sciences) and served on its executive for several years. He held membership in a number of professional societies, including the American Society of Zoologists, the Entomotogical Society of America and the American Association for the Advancement of Science, to which he was elected a Fellow in 1967.

A member of St. Peter's Anglican Church, he was elected to the Vestry in 1979.



Lawrence (Laurie) Smith died of a heart attack in his home on August 23. He is survived by his wife, Kay, and six children.

Laurie Smith had a long career at Saint Mary's University, beginning as an undergraduate student in the 1940s. He received a Bachelor of Arts in 1943 and then went on to obtain a Bachelor of Education degree from Dalhousie University, after which he taught at St. Patrick's High School for 21 vears.

Mr. Smith joined the Saint Mary's administration in 1966. During his 19 years at the University, he held numerous positions, including Director of Admissions and Scholarships, Dean of Student Affairs, Assistant to the President for Student Affairs, Head of Counselling and Director of Alumni Affairs. He had been appointed Special Assistant to the President just prior to his death.

Laurie Smith will always be remembered by recent graduates of the University for his work in Alumni Affairs. During his time, new chapters were established in various parts of Canada and the United States, as well as overseas. He will also be remembered for his voluntary involvement in the community. He worked with the Canadian Mental Health Association, the Community Tape Resource Library, the Family Life Program of the Archdiocese of Halifax and in many other areas. He is perhaps most warmly remembered, however, as coach of the St. Pat's hockey team, a voluntary commitment that earned him the nickname, "Mr. Hockey."

In recognition of his years of service, St. Patrick's High School has established a memorial scholarship in his name, which will be awarded annually to a graduate of the High School who plans to pursue further studies at Saint Mary's.

Ian Gertsbain and Chen Lijia who were killed in an automobile accident in Beijing, were both members of the Canada/China Language Training Centre there which is administered by Saint Mary's University. Mr. Gertsbain was a Canadian teacher at the Centre while Ms. Lijia was the Chinese Head Teacher. □

National Universities Week at Saint Mary's

continued from page 1

everyone in our selection and we hope that a large number of people will plan to give university a try through this casual and informal way we're offering it to them." A complete listing of the courses being offered can be found in the advertisement reproduced on page 12.

Tying in with the open classes, an Open House will be held in the University's Microcomputer Lab on Friday, Oct. 25 from 3:30 to 4:30 p.m. Members of the public are invited to visit the facility and try out some of the numerous demonstration packages that will be on display, including communications packages, a flight simulator package, a typing tutor, graphics, and so on.

The University will continue this spirit of hospitality when the President, Dr. Kenneth Ozmon, Mrs. Ozmon and their family host a "block party" for our neighbours on Sunday, Oct. 27. Our guests, who will be personally invited by representatives of the University, will be treated to a barbeque, musical entertainment and Magic Man Bruce Armstrong.

Another special event planned for the week is a public lecture on "The Return of Comet Halley" by Dr. George Mitchell of the University's Astronomy department on Wednesday, Oct. 23 at 8 p.m. in Theatre B of the Burke Education Building.

Numerous sports events are also scheduled during the week. "Alumni Day Costume Day" is slated to take place during the football match between Saint Mary's and St. Francis Xavier on Saturday, Oct. 26 at 2 p.m. Members of the public should wear wacky costumes for the members of the alumni to judge. There will also be two field hockey matches pitting Saint Mary's against Memorial University at 1 p.m. on Saturday, Oct. 19, and again at 1 p.m. on Sunday, Oct. 20. Memorial will also be the guest at two. soccer matches scheduled for the same days at 3 p.m.

The Art Gallery will host the first performance in the Halifax Chamber Musicians Gallery Series on Sunday, Oct. 27 at 8 p.m.

Saint Mary's is also extending itself into the community by offering special prizes on CBC-TV's Switchback on Sunday, Oct. 20 at 9 a.m., and on CBC Radio's Mainstreet throughout the week. Listen to Steve Murphy's Hotline show on CJCH-Radio Tuesday, Oct. 22 from 9 to 11 a.m. and you'll hear Saint Mary's President Dr. Ken Ozmon fielding questions from callers. And if you're walking through the Simpson's Mall on Wednesday, Oct. 23, don't be surprised to see Saint Mary's participating with other Metro universities in a special display set up for National Universities Week. Saint Mary's will also be one of the Nova Scotian universities featured in a special National Universities Week section of the Halifax Chronicle-Herald and Mail Star on Oct. 18.

So, if you thought Oct. 19 to 27 was going to be just another dull week, think again. There will be a lot going on on campus and in the community that week, and you're invited to celebrate National Universities Week with us. Pick up your NUW button at the Information and Public Relations Office, main lobby, McNally Bldg., and plan to attend some of the special events we have scheduled. You can also do your part during the week by assisting visitors on campus with finding classrooms and so on. Remember how long it took you to discover that there were two second floors in the McNally **Building**?

For further information on National Universities Week celebrations, contact the Information and Public Relations Office at 2112.



The Minister of State for Multicultural Affairs presented the University with a cheque for \$300,000 as the Federal Government's matching grant for \$300,000 raised by the University for a Chair in Irish Studies. The Chair is being sponsored by the Charitable Irish Society of Halifax in honour of their 200th anniversary (1786-1986).

Shown here (left to right) are Dr. Kenneth Ozmon, President of Saint Mary's University, the Honourable Elmer MacKay who represented former Minister of Multiculturalism Jack Murta, Terry Punch and Harold Shea of the Charitable Irish Society of Halifax.

Enrolment up again

Preliminary figures show yet another increase in enrolment at Saint Mary's this year. According to Mrs. Elizabeth Chard, the University's Registrar, the number of full-time students registered at Saint Mary's at the end of September stood at 3,404, up 153, or 4.7 per cent, over the same time last year. Part-time enrolment was holding steady at about 1,200.

Although official statistics are not compiled until December 1, Mrs. Chard said that these numbers are not expected to fluctuate greatly.

This year's increase is not concentrated in one faculty or department, but is pretty well "across the board," according to Mrs. Chard. Departments and faculties with limited enrolment, such as Education, Engineering and the Master of Business Administration program, are filled.

Saint Mary's has experienced a steady increase in enrolments since 1980-81. There are about 47 per cent more full-time students attending the University now than there were five years ago, when similar figures stood at 2,317.

The Registrar attributes the continued increases to economic considerations. Metro students who may have decided to attend a university outside of Halifax have been forced to study closer to home because of the increased costs of housing and tuition, she explains.

"These increases are putting a tremendous strain on the physical resources of the University, especially in terms of classroom space," says Mrs. Chard. "We are filled over our ideal capacity."

Saint Mary's embarked on a major fund raising campaign last year in order to meet some of the needs created by increased enrolment and underfunding.

Saint Mary's University has set an unofficial World's Record for having the greatest number of people participating in an aerobics class in one place. The record was set a few weeks ago on the astroturf of Huskies Stadium when 431 people followed aerobics instructor **Helen Burns** of the YMCA through a 30-minute workout.

"We're extremely pleased with

the turnout," says organizer Debi Woodford, "especially considering the forecast of inclement weather that morning."

Unofficial World Record set at Huskies Stadium

"We had a terrific time. It really was a lot of fun."

Several groups were represented at the event, including the Halifax Blue Eagles senior hockey club, the Huskies basketball, soccer and hockey teams and some of the floors in the residences. A large number of families also participated.

. Everyone who turned out received free tickets to the football game that afternoon.

The Guiness Book of World Records awarded Saint Mary's the unofficial record last week and organizers are already planning next year's attempt to break it.

Prof's generosity inspires new scholarship fund

When **Dr. David Perrier** was awarded \$1,000 as part of the annual William A. Stewart, S.J. Award for Teaching last May, he decided that the best thing he could do with the money was to give it right back to his alma mater, so he donated his cheque to the University Capital Campaign. Little did he know that his

NSERC grants net \$33,000

Saint Mary's University scientists have been awarded over \$33,000 in general research grants. The awards were made as follows:

J. Dostal, Geology, \$4,800 for the operation of the neutron activation laboratory;

T. Ladd, Biology, \$4,500 for studies on "The detection and control of bacterial colonization of urinary catheter materials;"

K. Vaughan, Chemistry, \$4,250 for an examination of the "Application of high pressure liquid chromatography (HPLC) to the study of triazene chemistry;"

D. Turner, Astronomy, \$4,200 for "Photometric studies of galactic structure;"

K. Mailer, Chemistry, \$4,200 for the study of "Toxic oxygen species and inflammatory joint disease;"

G. Mitchell, Astronomy, \$2,000 for the examination of "Physical and

chemical processes in circumstellar shells;"

I. Lenzer, Psychology, \$1,500 for research into "The effect of alcohol treatment during pregnancy on the fetal outcome;"

W. Lonc, Physics, \$1,750 for the study of "VHF/UHF radio propagation over a 300 km salt-water path as a function of meteorological conditions;"

Q. Siddiqui, Geology, \$1,500 for "Studies on cenzoic and cretacious ostracods from Arctic Canada and Alberta;"

G. Welch, Astronomy, \$1,500 for the 1985 observing run with the Saint Mary's CCD camera;

M. Wiles, Biology, \$1,500 for the study of "Cold water peduncle disease in Atlantic salmon and rainbow and brook trout at the Maritime Fish Hatchery."

generous gesture would generate an ongoing source of financial aid for some of his future students and act as a continuing memorial to his parents.

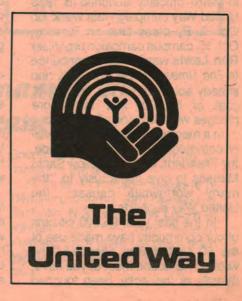
When Dr. Kenneth Ozmon, President of Saint Mary's, heard of Dr. Perrier's donation, he decided that the university should match the \$1,000 award and establish a new scholarship fund for students in the Criminology Program, a program Dr. Perrier had been instrumental in setting up in 1975. It was also decided that the scholarship should be awarded in the name of Dr. Perrier's parents, Mary Perrier and the late Conrad Daniel Perrier.

Dr. Perrier, Associate Professor of Sociology and Coordinator of the Criminology Certificate Program graduated from Saint Mary's University with a Bachelor of Arts in 1968. He later received a Master of Arts from Dalhousie University in 1970 and a Doctorate from York University in 1976. He has been teaching at Saint Mary's since 1972.

In addition to coordinating the Criminology program, Dr. Perrier is also a member of the Atlantic Institute of Criminology Advisory Board and its Research and Training Committees. He sits on the Saint Mary's University Senate and is a member of the Master's Thesis Committee at Dalhousie University. He has written extensively on the subject of criminology and was co-host of a University of the Air television series on "Criminal Deviant Behaviour." He is also a member of the Crime Prevention Committee for the Nova Scotia Police Commission and is a member of the Premier's Task Force on Drunk Driving, among other committees.

Until last year, Dr. Perrier also gained practical experience to go along with his academic background as an auxiliary officer with the RCMP.

Dr. Perrier and his wife, Colline, have three children. The eldest, Suzanne, is a second year student in the Bachelor of Science program at Saint Mary's.





The Canadian Federation of University Women, Halifax Branch, presented Saint Mary's student Dinah Grace with a \$600 bursary to further her studies. Left to right are: Margaret Ross, president of the CFUW; Dinah Grace; Judy Brooks of the bursary committee; and Pamela Stonehouse, Dean of Women at Dalhousie University. (Wamboldt-Waterfield photo)

Saint Mary's student wins \$600 award

Saint Mary's University student **Dinah Grace** was presented with a \$600 bursary by the Halifax Branch of the Canadian Federation of University Women (CFUW) recently. Ms. Grace is a Bachelor of Commerce student planning to major in marketing and management.

The Canadian Federation of University Women each year offers a bursary to a mature female student of 30 years of age or over who has been out of university for at least five years. The Club feels that few bursaries or scholarships are available to the mature student, and that such an award provides a psychological as well as a financial boost, according to Halifax Branch member Judy Brooks.

Dinah, a resident of Seabright, has been very active in her community for several years as an aquatics instructor, Ms. Brooks reports. For the past five years she has been employed as the first fulltime coordinator of the Red Cross Society's Small Craft Safety program in Nova Scotia. In 1984 Dinah took a leave of absence from her job to attend university as a part-time student. She has now decided to follow a full-time degree program.

Membership in the Canadian Federation of University Women is open to any female university graduate. CFUW provides an opportunity for women to keep up with developments in their own and other fields of endeavour, to be stimulated, to improve themselves and to enjoy the fellowship of others, says Judy Brooks.

The Halifax Branch of CFUW meets on the fourth Wednesday of every month, September to May, in Shirreff Hall on the Dalhousie campus. New members are always welcome. Anyone interested in joining CFUW is invited to contact the Club president, Margaret Ross, at 421-6990.

Exchange prof brings first hand experience to Japanese business course

If you want to know more about Japanese business practices, who better to learn from than a business professor from Japan? Students in "Financial Aspects of Japanese Business" are benefiting from some of the first hand expertise of Professor **Nobuo Kamata**, a visiting scholar from Nanzan University in Nagoya, Japan, this term as he teaches the course as part of a pilot exchange program between his university and similar institutions in Canada.

Professor Kamata's visit was arranged by Dr. Hermann Schwind, Coordinator of Asian Studies at Saint Mary's, who says that it is hoped that this visit will herald the start of more frequent exchanges of faculty. The Vice-President of Nanzan University is looking towards establishing exchange programs of faculty and students with Canadian universities, says Professor Kamata. These arrangements require much research, consideration and time to finalize, however, he cautions.

Saint Mary's and Nanzan University share much in common, according to our Japanese visitor. Both were founded by the Catholic Church, both have student bodies of around 6000, and both have excellent business programs. At Nanzan University, students may study either business administration, economics, literature, foreign languages or law. There is a doctoral program at the university, as well, but there are no students in it at the moment, Professor Kamata admits.

Professor Kamata plans to do a little studying of his own while teaching at Saint Mary's. He is particularly interested in the differences between Japanese and Canadian busi-



Professor Nobuo Kamata has come from Japan to teach a course in Japanese business.

ness practices, and while here he hopes to begin research on a comparison of the two. It is important, he believes, that Canadians doing business in Japan appreciate both Japanese business practices and Japanese culture.

A graduate of Waseda University in Tokyo with a Master of Arts in accounting, Professor Kamata spent six months as a research associate scholar at the University of California at Berkeley in the early 1970s. This is his first time however, in Canada, and his first time teaching in a foreign language, a prospect he admits that has made him a bit nervous.

Professor Kamata has been teaching at Nanzan since 1962 and has been a full professor of accounting since 1975. He has also held a number of administrative posts, among them Dean of Students, Dean of the School of Business Administration and Dean of the Conference of Business Administration in Japan. His current research interests involve a group study on "Comprehensive Research on the Statement of Changes of Financial Position" for the Japan Accounting Association. He has published several scholarly articles and textbooks on accounting, including Recent Developments of Funds Flow Accounting (Kunimotopshobo, Tokyo, 1980) and Modern Principles of Accounting Introductory (Soseisha, Tokyo, 1983).

He is married to a practising accountant with whom he enjoys arguing points about their professions. Her practical advice balances his more academic outlook, he says. She, unfortunately, is unable to join him in Canada. □

United Way seeks Saint Mary's generosity

Saint Mary's University, along with the other post-secondary institutions in Metro, officially launched its 1985 United Way campaign last week, on Oct. 7. By press time on Tuesday, Oct. 15, campus campaign organizer **Ron Lewis** was proud to announce to *The Times* that the University had already achieved 66 per cent of its goal of \$8,000, and that more pledges were arriving all the time.

In a memorandum to the University community, Dr. Kenneth Ozmon, the President, urged his fellow Santa Marians to give generously to "the many worthwhile causes" the United Way supports.

"In the past year, 95,000 citizens of our community have made use of the 50 United Way agencies," he wrote. "No doubt, most of you have, directly or indirectly, been touched by the helping hand of one or more agencies. The level of support such community groups can provide is directly proportional to the assistance they receive through your generosity.

"Saint Mary's and its employees are well known for their sensitivity to the needs of special groups of persons in our community. I know you will continue this tradition and join me in giving generously to the United Way when a canvasser contacts you in the next couple of weeks."

Although Saint Mary's participation rate in the past United Way campaign has not been as high as was hoped for, Ron Lewis says that he is still optimistic that this year the University will reach, and possibly even surpass, its \$8,000 objective. A new system of assigning canvassers to specific areas is being tried, and Mr. Lewis hopes that the personal contact will serve to remind members of the community that "people helping people" is what the United Way is all about.

The United Way is a volunteer fund-raising organization representing over 45 human service agencies in the Halifax-Dartmouth Metro area. Donations to its annual campaign can be made either in cash or by cheque to your canvasser, or through the easy payroll deduction plan. Please give. Remember, your gift works for each of us.

More information on Saint Mary's United Way campaign can be obtained by contacting Ron Lewis at ext. 2166.

Comet's comeback may be disappointing

After 76 years, the famed Halley's comet is due to make a return appearance in the Western sky some time in early November or December. That, says **Randall Brooks** of the Astronomy Department, will probably be the best time to observe the phenomenon using the University's telescope. After that, the comet will be so low on the horizon that the Observatory's wall will interfere with viewing.

If you want to see the comet, says Mr. Brooks, look towards the setting sun and choose a viewing spot far from city lights, because Halley's comet will not be very bright this time around. A good pair of binoculars will help but there is no need to buy a telescope. "There should be a good market in used telescopes next Spring," says Mr. Brooks ruefully.

The comet will be visible again next April when it will be at its closest point to Earth. At that time it will be in the eastern sky just before sunrise. Between January and March, the comet will swing around behind the sun and will be invisible because of the sun's brightness. Halley's Comet will not be the fiery ball the public had hoped for according to Mr. Brooks, since this time it will be at its most spectacular when it is directly behind the sun. In the 29 recorded passes of the comet, this will probably be its least spectacular. Only one passage before, at around 2 or 3 B.C., must have been as dull, says Brooks. It was not recorded at all, probably indicating it was a poor show that year, too.

There should be some spectacular photographs of the comet despite the fact that it will be barely visible from Earth, however. Five satellites are due to rendezvous with it, the closest (a European cooperative effort) coming within 500 kilometers.

Comets, says Mr. Brooks, are composed of dry ice (frozen carbon dioxide), water ice, methane and other gases combined with dust particles and fragments of rocks — all part of the debris left over from the formation of the sun and planets.

A swarm of comets, known as the Oort cloud after its discoverer Jan Oort, circle the sun some four to five times further out than Pluto. Astronomers believe that there may be as many as 25 billion of them, each perhaps with a diameter no bigger than the City of Halifax.

Occasionally, as the solar system swirls around the Milky Way, the sun comes close enough to another star to disrupt the Oort cloud, dislodging some of the comets. One or two of these may then swing into the solar system, plunging towards the sun at its centre. As they pass the giant planets (Neptune, Uranus, Saturn or Jupiter), their directions may again be shifted, sending them into a solar orbit. Some, like Halley's, return regularly.

Mr. Brooks believes that Halley's began to swing around the inner solar system 10,000 years ago. It may not be the most spectacular comet, he says, but it is certainly the best known because it is predictable, reasonably bright and will return within a lifetime.

Edmund Halley is credited with determining the orbit of the comet, not with actually discovering it, as many suppose. In fact, Halley's comet, and one named after Newton, are the only two comets not named for their discoverers. Halley was proofreading Newton's Principia when he came across a chapter on the effects of gravity on comets. After calculating the orbits of a number of known comets he discovered that three had the same orbit and were, in fact, the same one. From his calculations he was able to predict the return of that comet. Unfortunately, he did not live long enough to see it again, but his discovery did earn him the honour of having it named after him.

Halley's comet will probably reappear another 200 times, unless a planet or moon gets in the way of its orbit. That happened in 1758 when the comet came so close to Jupiter that its orbit was extended by about 500 days. Each time a comet passes near the sun some of its smaller matter is left behind, and so on each passage it becomes smaller. In about 15,000 years from now, Halley's may dissolve to nothing.

Helping teachers improve skills aim of new book

After what its author describes as a "tortured history," *Inquiring into the Teaching Process: Towards Self-Evaluation and Professional Development*, by **Dr. John Haysom** of the Education department, is "finally" in print

print. "It all started about seven years ago," Dr. Haysom says.

"I got into a heated discussion with some of my colleagues here at Saint Mary's about what makes good teaching. I wasn't at all happy with the line of thinking we were taking, so I started to do research into the subject."

That research spanned over six years and two continents until, in 1981-82, while on sabbatical leave at Cambridge University, Dr. Haysom committed most of his findings and thoughts to paper. The result is a book of over 200 pages which guides its readers through a process of self-evaluation as a method of helping them to improve their teaching practices.

"Inquiring into the Teaching Process encourages teachers to make a personal appraisal of how they teach, and helps them to search for ways to improve their own classroom practice," says Dr. Haysom, who believes that personal growth is optimized only when teachers question their own methods and work themselves to improve.

"This is much more productive, stimulating and satisfying than having the education student passively accepting tips from trainers," he maintains.

"Studying one's own teaching methods is not an easy matter," Dr. Haysom readily admits. But with in-



John Haysom, author of Inquiries into the Teaching Process, explains the cover design, which is meant to reflect the intent of the book.

creased parent awareness and a demand for accountability, he feels that teachers must take the initiative in constantly examining and evaluating their performance in order to assure themselves that their students are getting the best education possible.

Written in almost a workbook style, *Inquiries into the Teaching Pro*cess first suggests methods of personal appraisal and then goes on to outline procedures to implement and monitor changes.

Each chapter introduces a cluster of educational ideas," Dr. Haysom explains, which "provide the setting for a range of inquiries into the teaching process."

All of the inquiries suggested in the book have been field tested with groups of teachers and the draft of the book has been used in several settings.

"In my view, one of the most inter-

esting and potentially valuable applications of the book would be by small groups of teachers in a school," says Dr. Haysom, who goes on to explain that, although the book is used in his class "Curriculum in Practice," it is primarily intended for use by teachers already in the field.

Although finding a publisher for the book was at first difficult (one American publisher said it wasn't "Reaganist" enough, says Dr. Haysom), the author is extremely pleased to finally have his work printed by the Ontario Institute for Studies in Education (OISE), "one of the foremost educational publishers in Canada."

OISE, for its part, touts the book as one "destined to become a classic text."

"No conscientious teacher can afford to overlook *Inquiring into the Teaching Process*," the publisher claims.

Copies of *Inquiring into the Teaching Process* are available in the Saint Mary's Bookstore. The price is \$28.95.

ESSO pledges \$75,000 to Capital Campaign



ESSO Petroleum Canada, a division of Imperial Oil Limited, made a generous \$75,000 five-year pledge to the University's Capital Campaign this summer. Shown making the first installment of \$15,000 to Saint Mary's President Dr. Kenneth Ozmon, center, is Mr. Rick Henry, Marketing Manager for Imperial Oil. Don Kelleher, the Capital Campaign's Executive Director, also attended the ceremony.

Fitness Centre to be completed by 1987

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vate health clubs, as well as classrooms and meeting rooms.

Although the Centre will not have a pool at this stage, the design and construction include mechanical and electrical services which will accommodate such a facility at a later date.

The gymnasium's hardwood floor will accommodate two practice basketball courts, four volleyball courts or six badminton courts. Folding bleachers will provide seating for up to 1,200. The multi-activity room is intended for such activities as dancercize, aerobics and martial arts classes.

The most distinctive feature of the complex is its complete accessibility to the physically disabled, says Guy Noel, Vice-President, Administration. Special design features include wider doors to accommodate wheel-chairs on the squash and racquet-ball courts, visual as well as audio signals on the fire alarms, and elevators equipped for the visually impaired.

The external design of the building, which features a steeple-like central structure and red brick facing, "is in tune with the other buildings on the campus, which is a good mix of the old and the new," according to Lou Dursi, Director of Physical Plant.

Although it is not yet known how much the new Centre will cost the university to run, Mr. Noel speculates that it will create full-time employment for about 15 people and part-time employment for a significant number of students.

With an almost 50 per cent increase in enrolment at Saint Mary's over the past five years, the university has found that it has outgrown its



The new Fitness and Recreation Centre will be situated on what is now the practice field between Huskies Stadium and Tower Road. The above is a model.

present facility, a gymnasium which was built in 1953 to accommodate 400 students, says Mr. Noel.

"We cannot run anywhere near an adequate recreational and intramural program with our present facilities."

No decision has been made about the old gym areas yet, but Mr. Noel speculates that it will probably be utilized to take care of the chronic lack of space the university has been experiencing over the past few years due to the enrolment increase. Construction of the Centre is expected to be completed by January, 1987. Memberships to the facility will be available to the general public.



Terence Donahoe, Vern Creighton and Premier John Buchanan (left to right) were each presented red clay bricks engraved with their names at the sod turning ceremony for the new Fitness and Recreation Centre. The bricks will be incorporated into the construction of the building. (Chislett photo)



The new Fitness and Recreation Centre will blend in well with the surrounding buildings. It will be only two floors high and will be faced with red brick.

Oland's donates more dollars



Oland's Limited paid the second installment of its \$50,000 pledge to the University's Capital Campaign recently. While on campus to present the cheque, John Miller, Vice-President, Marketing for Oland's (left) and Brian Donovan (Saint Mary's B.Comm., 1975), Oland's Marketing rep (right), had a chance to view the model of the University's new Fitness and Recreation Centre with Dr. Ken Ozmon (left center), Saint Mary's President, and President of the Students Representative Council, Mark Bower (right center). (Chislett photo)

Ian McGregor named Director of Athletics

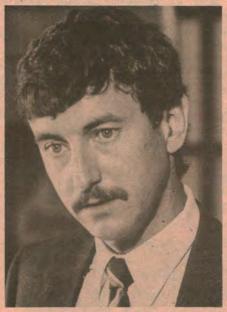
Dr. Ian McGregor was introduced as the University's new Director of Athletics at a press conference held on campus last month. Dr. McGregor, whose appointment is effective November 1, replaces Bob Hayes, who will move on to a new post as special assistant to the President.

A 39-year-old native of Scotland, Dr. McGregor moved to British Columbia in 1968 upon completion of his undergraduate degree at Aberdeen University. He studied at Simon Fraser University, finishing his Ph.D. in Chemistry in 1973.

Dr. McGregor has had extensive involvement with campus recreation and intramurals, acting as Recreation Director at Simon Fraser from 1977 to 1983 and serving for several terms as President of the Canadian Intramural and Recreation Association (C.I.R.A.). His publications include two books and numerous papers on the subjects of intramurals, fitness, and recreation. He is currently Assistant to the Vice-President, Administration, at Simon Fraser.

Dr. McGregor has enjoyed a lengthy association as a volunteer fundraiser with such organizations as The United Way and the Salvation Army. His participation in sport includes soccer, squash, and running.

An enthusiastic approach to his new job has prompted Dr. McGregor to remark, ''I'm looking forward to



lan McGregor

providing opportunities for the total university community to participate in a variety of activities, both competitive and non-competitive, and I am particularly excited about the role of the new fitness and recreation centre as a focal point for campus life."

When questioned about his feelings regarding athletic scholarships, Dr. McGregor stated that he had "no problems with a properly administered scholarship program, handled completely above-board and administered fairly and equitably.

B-ball Huskies get new coach



Allan M. Waye, Executive Assistant to the Mayor of Halifax and former General Manager of the Saint Mary's Varsity Basketball team, has been named the team's new head coach. He replaces Gary Heald, who resigned to pursue other interests. Mr. Waye's appointment is for an eight-month term, and he will continue to hold his position with the City of Halifax.

A native of Halifax, Mr. Waye attended Queen Elizabeth High School, graduated from Dalhousie University with a Bachelor of Arts degree, received a Diploma of Public Administration from the University of Western Ontario, and is working towards a Master of Public Administration degree at Dalhousie University. He has held various positions with the Province of Nova Scotia and the City of Halifax, and has been Executive Assistant to the Mayor since 1978.

Mr. Waye's coaching and administrative involvement with basketball began in the mid-1970s with Basketball Nova Scotia. Since then he has worked with Basketball Canada, the Pan American Basketball Confederation and the International Amateur Basketball Foundation.

New job for a familiar face

Bob Hayes who served Saint Mary's University as Director of Athletics for 27 years, has left that post to assume new responsibilities as Special Assistant to the President.

Mr. Hayes' new duties will be in planning and development, and he will be involved in all aspects of fund raising and in strengthening ties with members of the business community and government.

Commenting on Mr. Hayes' appointment, Dr. Kenneth Ozmon, President of Saint Mary's, stated that maintaining and strengthening community support has become an increasingly important function of university administration.

"No member of our administration is better acquainted with a wide cross section of the community. I am delighted that Bob has agreed to work with me in these important areas," he said.

Mr. Hayes came to Saint Mary's in 1958 after a football career with the Shearwater Flyers. He began as Athletics Director, hockey and football coach, and held the last job until 1970. During his time, Saint Mary's sports teams won more than 30 Atlantic Intercollegiate Championships and four Canadian Intercollegiate Championships in football and men's basketball.

One of his greatest achievements was the establishment of the Camp of Champions year-round program of instructional sports camps and clinics for youngsters, which has grown to include hockey, football, basketball, soccer and power skating. Over 12,000 school children have been involved in the various

New head for hockey Huskies, too

The Saint Mary's varsity hockey team has a new coach too, **Lawrence Curry**, former head coach at Acadia University, replaces Brian O'Byrne, who resigned during the summer.

Lawrence Curry's career in hockey began in the late 1960s when he played with the Halifax Junior Canadians and the Sorel Black Hawks of the Quebec Junior "A" League. He played for the Saint Mary's Huskies from 1970 to 1972 and then moved on to Acadia as Assistant coach in 1975. He left Acadia to become head coach at King's Edgehill School in Windsor, but returned in 1982 to continue his affiliation with Acadia, this time as head coach of its hockey team. The following year, he was general manager of the Kentville Wildcats.

Hockey is not Mr. Curry's only interest. He has been a member of the Canadian Professional Golfers Association since 1969 and has held several positions within that organization. He is also an associate pro at Ken-Wo Golf and Country Club in Kentville.



programs during the past 22 years.

Mr. Hayes was also involved in planning for the artificial track and field in the Huskies Stadium, the Alumni Arena, and a bid to host the Summer Games in 1969. He has been closely involved in the planning for the proposed recreation centre.

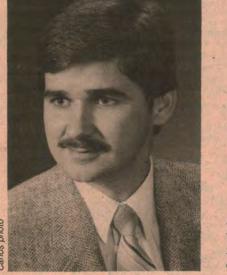
Mr. Hayes is a member of the Canadian International Athletics Union (CIAU) and the Atlantic Universities Athletics Association (AUAA). He is a member of the Halifax Lions organization and the Halifax Recreation Committee. Bob Hayes was inducted into the Nova Scotia Sports Hall of Fame in 1980, and received a CAFA-CFL Builders Award for his service to football in Canada at the 1981 Grey Cup Dinner.



Lawrence Curry

Mr. Curry, who is a native of Sydney, Nova Scotia, resides with his family in Windsor. His appointment at Saint Mary's is for an eightmonth interim term.





Greg Ferguson

Greg Ferguson, former Assistant Director of Admissions, has been appointed the new Director. He replaces Leo MacDonald who retired last June. **Barbara Rose** has been named Assistant Director of Admissions.

Mr. Ferguson graduated from Saint Mary's in 1974 with a Bachelor of Commerce degree. He worked for Canadian Tire as merchandising manager before returning to Saint Mary's in 1975 as administrative assistant to the Dean of Commerce. In 1976 he became Student Registrar with the Atlantic Provinces Association of Chartered Accountants. He returned again to Saint Mary's in 1978 as Assistant Director of Admissions.

"Mr. Ferguson brings enthusiasm, mature judgement, leadership and a lot of administrative ability to his new position," Dr. Joseph Jabbra said when he made the appointment last month.

"He is eager to excel in his new assignment. Please give him your whole-hearted support."

"I enjoy it very much," Mr. Ferguson comments about his job. "I enjoy the atmosphere and I enjoy the challenge.

"I really think Saint Mary's is the most fortunate university in Nova Scotia," he adds. "We are in Halifax and we are compared favourably with the larger universities in the region. Many students prefer to come here because of the small classes, individual attention, and friendly atmosphere. There are so many positive things about this University."

Barbara Rose graduated from Dalhousie University in 1978 with a Bachelor of Arts degree. She was secretary to the General Manager of the Hotel Nova Scotian before coming to Saint Mary's in 1980 to assume the role of secretary to the Academic Vice-President, Dr. J. Jabbra. In 1983, she moved to the Faculty of Science as secretary to the Dean.

Ms. Rose has been an active member of the Saint Mary's community. She acted in "Table Manners" and "Round the Garden" with the



Barbara Rose

Saint Mary's Drama Society and she was acting moderator and secretary for the Society in 1982 and 1983.

About her new position in the Admissions Office she comments, "...it's a brand new challenge, and I'm very proud to be representing Saint Mary's in this capacity."

The Admissions Office is responsible for the admission of all firstyear students, except those accepted through the Division of Continuing Education as mature students. Staff in the office work closely with students, school principals and guidance counsellors, travelling throughout the province visiting the regional high schools. The Director and Assistant Director also administer the entrance scholarship program and process applications for all Master's degree students.

Looking to the future, Mr. Ferguson expresses some reservations about increasing enrollment figures. Saint Mary's is close to the point where it will lose its reputation as a university with small classes and individual attention, he says. He adds, however, that with declining enrollment in high schools, universities can expect a reverse of the trend in recent years and will see an actual decrease in the numbers, as experienced in the late 1970s.

He also notes that more high school students are giving serious consideration to a university education than in previous years, though, and more students are returning to university for second, and sometimes, third degrees. This is probably because of lack of employment opportunities in past years, he adds.

Mr. Ferguson notes that many students opt for programs with bright job prospects, however, he has seen a tendency in recent years for students to contemplate the value of a good liberal arts education.

"There is more acceptance of an arts degree today," he says. "Arts students have more of the skills needed to do a good job — communication and organizational skills." These are qualities employers are looking for.

Former hockey star named Alumni Director

Tom McDonell, former star of the hockey Huskies in the late 1970s, is the University's new Director of Alumni. His appointment became effective in September.

Mr. McDonell is an alumnus of Saint Mary's, having obtained both his BA in Geography in 1980 and his MBA in 1985 from the University. For the past three years he has been employed at Computerland in Halifax, where he was the Branch Manager.



Tom McDonell

Gina Wilkins new Info Officer

Gina Wilkins has joined the Information and Public Relations Department as Information Officer and Editor of *The Times*.

A graduate of McGill University (BA, English Literature, 1976 magna cum laude), she previously worked in Dalhousie University's Public Relations Office as Senior Information/Public Relations Officer and Editor of University News. She has also worked as a library assistant in the Kellogg Health Sciences Library at Dalhousie, and as a teller at the Canadian Imperial Bank of Commerce.

While working at Dalhousie Gina was active in many university community organizations. She was a member of the founding Board of Directors of CKDU-FM Radio; was a member of the Board of the Dalhousie Faculty Club; was production editor of the Dalhousie Association of Graduate Students (DAGS) journal University Avenues; and was writer, editor, designer and artist for the 1985-86 DAGS Handbook. She was also regional director of the Association of Canadian College and University Information Bureaus (AC-CUIB) for two years.

She is currently a member of the Halifax Press Club and the Dalhousie Graduate House, and sits on the

Tom McDonell will be no stranger to hockey fans on campus. He was center for the varsity hockey team from 1977 to 1982, during which time he garnered numerous awards. He was named Rookie of the Year in 1977-78, Saint Mary's Athlete of the year in 1979-80, and Most Valuable Player of the hockey Huskies in 1980-81.

Tom excelled in the classroom as well as on the ice. He made the Dean's List during his rookie year with the Huskies, won an Achievement Scholarship in 1978-79 and was recipient of the Godfrey Award for combined Academic and Athletic Achievement in 1981-82.

He has been involved in the University's Capital Campaign and has participated actively in past alumni events.

Tom has several goals he hopes to achieve as Director of Alumni. On the short term, he hopes to increase student participation in Alumni-sponsored events and to get out to meet most of the local chapters of the association. His longer term goal is to increase overall alumni interest and participation in Saint Mary's activities and events.

The Alumni Office and lounge is located on the third floor of the O'Donnell-Hennessey Students Centre. Tom and his staff encourage all interested students, alumni and staff to drop in for a visit.



Gina Wilkins

Public Relations Committee of the Nova Scotia chapter of the Canadian Cancer Society.

Gina brings a great variety of skills to her new position at Saint Mary's, including journalism, photography, design and an excellent knowledge and understanding of the university scene.

"She's delightful and we're thrilled to have her at Saint Mary's," says Liz Stevens, Director of Information and Public Relations.

Campus Notes

Library receives grant

The Patrick Power Library received a \$25,000 grant from the Social Sciences and Humanities Research Council to strengthen its research collection in Asian Studies.

Library Open House winners

The Patrick Power Library would like to say thanks to all those who participated in the Open House. 'Congratulations are extended to Dumas Taylor and Barb Taylor, winners of the door prizes. Dumas and Barb are asked to claim their prizes at the Information Desk of the Library, if they have not already done so.

Graduation ring sale

Potential graduates may place their orders for graduation rings on Monday, Tuesday and Wednesday, Oct. 21, 22 and 23, in the Bookstore, 2nd floor, Student Centre. Special discounts are in effect during "Ring Days."

Notetakers needed

Do you take good notes? There may be a hearing-impaired student in your class who would benefit from your sharing them. Please contact Paula at the Atlantic Centre, 4th floor, Student Centre

Volunteer readers wanted

Visually impaired students need volunteer readers. Contact Barry Abbott or Paula Kinsman, Student Services Office, 4th floor, Student Centre.

Gorsebrook Institute moves. establishes new centre

The Gorsebrook Research Institute for Atlantic Canada Studies has relocated to new guarters in The Oaks (the former Stanfield house) on Saint Mary's Campus. They have established a survey research centre under the directorship of Madina Vanderplaat. A series of workshops and conferences on regional issues is being planned. Tentatively, the first one will be a November workshop on social linguistics, followed by subsequent workshops on cultural expression in the performing arts and literature and culture.

Take the plunge...

The pool, located in the Residence Complex, is open to members of the Saint Mary's community Monday to Friday, 11:30 a.m. to 1 p.m. (adult swim), 7 to 8 p.m. (open swim) and 8 to 10 p.m. (adult swim); Saturday, 2 to 4 p.m. (open swim); and Sunday, 2 to 3 p.m. (open swim) and 3 to 5 p.m. and 7 to 9 p.m. (adult swims). Admission is free.

Or glide along

If skating's your thing, don't forget these arena hours: Monday, Tuesday, Thursday and Friday, 12 to 2 p.m. Available to members of the Saint Mary's community. Admission is free.

Linguistics conference in November

The Atlantic Provinces Linguistic Association will hold its 9th Annual Meeting at Saint Mary's in early November. The guest speaker will be Dr. Cheris Kramarae, Department of Speech Communication, University of Illinois. Professor Kamarae will speak on "A Feminist Critique of Sociolinguistics" on the evening of Nov. 8. Watch This Week at Saint Mary's for more information.

China Project update

The China Project received another payment from the Canadian International Development Agency (CIDA) of \$400,000: The total operating grant for 1985 now stands at \$1,025,000. CIDA has also approved new budgets of \$300,000 and for the regional centres of \$100,000 for satellite programs.

A total of 69 Chinese students were enrolled in orientation programs at the regional centres in Vancouver, Edmonton, Toronto, Montreal and Halifax during the months of July and August. After completion of their programs, the students enrolled at many Canadian universities in various fields such as education, commerce, engineering, biology and womens' studies.

The China Project has new offices in The Oaks, 5920 Gorsebrook Ave.

Need info on microcomputers?

The Microcomputer Information Centre, located in the Killam Library at Dalhousie, assists faculty, staff, and students of Saint Mary's, Mount Saint Vincent, Dalhousie, and the Technical University of Nova Scotia with making informed decisions about the use of microcomputer technology by providing current, accurate information and by providing prepurchase advice to potential and current microcomputer users.

Demonstration hardware (Apple, IBM, and DEC) and a selection of software are available for trial in the Centre prior to purchase. Microcomputer reference material is also located in the MIC. Attractive prices for university departments and other qualified purchasers are available through contracts that have been negotiated with microcomputer dealers. Contact the MIC at 424-8893.

UPEI to form Halifax **Alumni** Chapter

A large number of graduates of the University of Prince Edward Island (and of its two founding institutions, PWC and SDU) are now living and working in Nova Scotia. These graduates are invited to attend a reception at the Halifax Sheraton Hotel on Thursday, Nov. 14, 1985, at 7:30 p.m. to discuss the possibility of establishing a Nova Scotia chapter of the UPEI Alumni Association. Among those present to greet the graduates will be Alumni President Scott MacKenzie and the new President of UPEI, Dr. C.W.J. "Willie" Eliot.

Library Lunchtime Series looks at women and development

The Halifax Main Library on Spring Garden Road is presenting a five part noon hour series on Women and Development. It is part of the regular "Our World in the '80's" series co-sponsored by the International Education Center and the Library since 1981.

This year marks the end of the Decade for Women which was declared in 1976 by the United Nations with the themes of Equality, Development and Peace. The five programs in the Women and Development series are looking at the global situation of women at the end of the decade and trends for the rest of the century.

The women participating in the series have had direct experience with international women's activities and issues during the Decade For Women and will discuss specific localities and projects at home and in re-developing nations.

Frances Early of Mount Saint Vincent University will talk about her research into the historic roots of the North American women's peace movement on Oct. 24. She will show how the ideology of the women's peace movement, infused with an international feminist perspective since World War One has consistently linked patriarchy with violence, imperialism and war.

Winding up the series on Oct. 31, Dr. Margaret Fulton will talk about the effects of technology on women. As chairperson of the Task Force on Microelectronics and Employment, Dr. Fulton will have a lot to relate about the effects of technological development on women's health, employment and lifestyle, not only in technological societies but in the Third World as well.

In an effort to make this series accessible to women with young children, the Children's Services Department of the library is providing a special program for pre-schoolers at the same time as the adult program. Juliana Seleti, a mother and teacher from Zambia, has helped to develop programs of songs, stories, games, films and puppet shows on themes related to the adult series: on Oct. 17 the theme will be "Let's Be Healthy"; Oct. 24, "Let's Be Friends"; Oct. 31, "Let's Work Together'

There is no admission charge for Library programs and people are encouraged to bring their lunch. Coffee and tea will be available.

Ohio State U seeks Astronomy prof

A position will be available, subject to approval by the Board of Trustees, for a Visiting Assistant Professor for the period of Jan. 1, 1986 to Sept. 30, 1986. They welcome applicants from all areas of astronomy, and particularly encourage those who are interested in using and developing OSU facilities which include the 1.8-m Perkins telescope at Lowell Observatory, an image dissector for moderately high resolution spectroscopy of faint sources, a Cassegrain scanner for spectrophotometry, and a variety of photometric systems.

Candidates should have a PhD in astronomy and previous faculty experience. Applications should include a vita, publication list, and three letters of reference, to be sent to: Professor E.R. Capriotti, Chairman, The Ohio State University, Department of Astronomy, 174 W. 18th Avenue, Columbus, Ohio, 43210.

The deadline for applications is Nov. 1, 1985, with a decision to be made Nov. 15, 1985.

The Ohio State University is an equal opportunity/affirmative action employer.

Three Huskies named to All-Canadian team

Three members of the 1985-86 Sports Information Directors to be Huskies football squad were named to the Canadian Interuniversities Athletic Union (CIAU) Pre-Season All-Canadian Football Team recently. They were among seven Atlantic Universities Athletic Association (AUAA) players selected by the Association of Canadian University

A number of interesting activities have been underway at the International Education Centre for the past few months.

The Schools' Program, under the direction of Rebecca Clark Gordon, is recruiting volunteers for the Speakers' Bureau. The Bureau consists of a rota of foreign students, or students with first-hand experience of a foreign country, who are willing to speak to school classes. Volunteers may choose to be part of a tour ot rural schools or they may prefer to make just one or two presentations to local schools. The IEC will help accommodate speakers' class and study schedules, and are available to help a speaker adapt his or her presentation to the needs of the class.

The Speakers' Bureau is of great benefit to Nova Scotian school children who have an opportunity of learning what life is like in a developing nation, says Rebecca Clark Gordon. For the volunteers, it is an opportunity to see more of Canadian life and experience more of Canadian culture than a high rise building and the halls of Saint Mary's.

Students interested in finding out more about the Speakers' Bureau should contact Ms. Clark Gordon at the International Educational Centre in the Burke Education Building.

Other programs being planned include presentations on global education, scheduled to coincide with the province-wide in-service day for all teachers on October 25.

The lecture series, Our World in the 80s, will continue at noon on Thursdays at the Halifax Regional Library on Spring Garden Road from October 3 to 31. This semester presentations will focus on Women and Development. Juliana Seleti from Zambia will be supervising activities for young children (aged two to five) in the children's section of the Library during the lecture series so that parents may attend the talks.



named to the team.

All three - Renso Passaretti of Hamilton, Ontario; Jeff Watson of Sackville, N.S.; and John Lukan of Halifax, N.S. - are veteran Huskies. Each is an offensive team captain for the 1985 Saint Mary's club.

IEC has a busy month

Noteworthy Notes

Dr. James C.W. Ahiakpor (Economics) presented a paper "On the irrelevance of neoclassical economics to LDCs: a clarification of some definitions," at the Western Economic Association Meetings in Anaheim, California, June 30-July 4.

Dr. Ahiakpor also chaired a session on "Canadian firms in a multinational environment" at the Administrative Sciences Association of Canada Meetings in Montreal, May 27-29.

He reviewed two papers for the International Business Division of the Administrative Sciences Association of Canada Meetings (1985), as well.

Dr. P.L. Arya, also of Economics, has kept busy presenting various papers. In May, he presented a paper on "Some Aspects of African Agriculture" at the Annual Conference of the Canadian Association of African Studies in Montreal. In September, "Food Policy for an Oil Exporting Country: Case of Nigeria," was the topic of his paper at the Nigerian-Canadian Dialogue in Halifax.

Dr. Saleh Amirkhalkhali (Economics), presented a paper on "The Predictive Efficiency in Simultaneous Equation Models: A Simulation Study" at the 5th International Forecasting Conference, McGill University, Montreal, June 1985.

Dr. Arun Mukhopadhyay, also in the Econmics department, presented a paper (co-authored with **John Chamard**, Management) entitled "Bankruptcy in Small Business: Profit Sharing and Public Policy" at the International Council for Small Business Conference, Montreal, June 17, 1985.

Dr. Hari Das (Management) recently received a research grant amounting to \$21,936 from the Social Sciences and Humanities Research Council (SSHRC) to carry out research on the "Effects of Scarcity of Resources on Behaviour of Organizations." Dr. Das' research will be done in India. The results of the study should be of special relevance to all organizations in developing countries.

Dr. Das presented a paper entitled "Making Management Theories Relevant to the Needs of Developing Countries: Some Preliminary Thoughts" at the EFMD Conference, International Labour Organization, Geneva, in May, 1985. Dr. Das was the only speaker from Canada at this conference, which had over 350 delegates representing 61 countries.

Dr. Alfonso Rojo (Biology) read his prize winning short story, *The Three Envelopes*, at a meeting of the Hispano Canadian Alliance, held in Toronto last May.

Dr. A. Rojo also attended the Fifth European Symposium of Ichthyologists in Stockholm, Sweden in August, 1985. He presented a paper on "Lepidochronology and lepidotaxia in present teleost fishes." **Dr. Frank Phillips** (Education) attended the World Conference on Computers in Education in Norfolk, Virginia, last August. Some 200 sessions were professionally taped. Cassettes of individual presentations may be purchased. All information, including a summary of each session, is available for perusing in the Curriculum Lab, 2nd floor, Bishop Burke Education Building, or call Sue Conrad, 2295.

Margot Schenk (Library) attended the annual conference of the Canadian Association of Information Science in Montreal, June 4 to 6. She also attended the National Online Conference held in New York City last May.

Cynthia Tanner (Library) has been appointed Collections Development/User Education Librarian, effective June 1985. She replaces Jane Archibald, who is now Head of Information Services at the Killam Library, Dalhousie University.

Rashid Tayyeb (Library) attended the annual conference of the Canadian Library Association in Calgary, June 13-18. During the conference he convened and served as moderator of a workshop entitled "Managing Technical Services in an Automated Environment." He also chaired an UTLAS User's Group meeting and introduced guest speakers at a workshop entitled "Do libraries do research?" sponsored by the Canadian Library Association's Research and Development Committee.

Dr. Hermann F. Schwind (Management) was elected to the Executive Board of the Administrative Science Association of Canada at the annual meeting in Montreal.

Bob Cook (Library) was coordinating the work of four Dalhousie School of Library Science students being sponsored by a SEED this summer. The students were engaged in a project to re-classify Dewey books and will have reclassified 5000 titles by the fall.

Mr. Cook also attended the annual conference of the Canadian Association for Information Science, which was held in Montreal, June 4 to 6.

Dr. Lawrence Murphy (Religious Studies) attended the Canadian Theological Society (CTS) meeting in Montreal at the University of Montreal as part of the 1985 Learned Societies meetings. He also attended a banquet at McGill University to celebrate the 25th anniversary of the CTS. He then attended the International Jesuit Ecumenical Institute at Oxford, England, July, 12 to 18.

Elizabeth Devine (Art Gallery) has had three of her works selected for the INNOVA Scotia exhibition at the Art Gallery of Nova Scotia. The exhibition, sponsored by Lavalin Inc. of Montreal, will be circulated across Canada. **Dr. Tom Musial** (English) attended a conference of the Directors of International House language schools, held in Paris and Angers, France during the first week of May. The language schools form a non-profit educational Charity Trust the purpose of which is to maintain high standards of instruction in English and in other languages. The Association has 60 schools in 15 countries. Member schools train over 500,000 students and 1,200 teachers each year.

Dr. Musial also addressed the Association of the Faculties of Agriculture in Canada at the annual conference of the Agricultural Institute of Canada and related Scientific Societies, held at the University of Prince Edward Island, June 26, 1985.

Dr. Peter Ricketts (Geography) presented a paper entitled "Geographical aspects of the Georges Banks dispute" at the annual meeting of the Association of American Geographers, held in Detroit, April, 1985.

Dr. Hugh Millward (Geography) presented a talk on "Geographic Factors in the Early Settlement of Nova Scotia" at a seminar on Settlement Patterns, Federation of Nova Scotian Heritage, Bridgewater, Nova Scotia, April, 1985.

Dr. Millward also presented a paper entitled 'An Historical Model of Coalfield Development'' at the annual meeting of the Association of American Geographers, held in Detroit, April, 1985.

Dr. David Turner (Astronomy) attended the annual meeting of the Canadian Astronomical Society at the University of Toronto last May, where he presented three papers. "Astronomy in Nova Scotia High Schools," "Estimated Companion Characteristics of Some Classical Cepheids Using a Photometric Method," and "The Nature of the Long Period Cepheid S Vulpeculae."

Dr. Turner also presented a paper on "Rescaling the Dimensions of the Universe" at the annual congress of the Canadian Association of Physicists held at the University of New Brunswick last June.

Dr. Helen Ralston (Sociology) has returned to the department after two years leave, for the most part spent in India. Helen had had a fellowship from the Shastri Indo-Canadian Institute to study the impact of Hinduism on Christian ashrams. She presented a seminar on her research at Visva Bharati University (Rabindranath Tagore's Santiniketan). She also attended an International Women's Conference (Vishwa Mahila Sammelan) of the Stree Shakt movement at Brahma Vidya Mandir (Vinoba Bhave's ashram). During the monsoon months she fled to Australia to do comparative research in ethnicity and race. She returned to Delhi last October in time for unintended research in ethnic relations, in the light of the horrendous aftermath of the assassination of Indira Gandhi.

The Sociology department has expanded its ranks by one with the appointment of **John McMullan** as Associate Professor. Professor McMullan, who comes to Saint Mary's from an appointment at the University of British Columbia, will be adding needed strength in the area of criminology, a major focus of activity and enrolment in the department.

Professor McMullan was a Distinguished Scholars Awards Finalist, American Sociology Association, Criminology Section, for the publication of *The Canting Crew: London's Criminal Underworld 1550-1700* in 1984. He is also the author of numerous articles and reviews, and anticipates the publication of another book and several more articles in 1986.

Dr. Ishmael Okraku (Sociology) presented a paper, "The Social Context of Retirement: The Case of Public Service Pensioners in Ghana," *Thirteenth International Congress of Gerontology* in New York, July, 1985.

Dr. Ronald Cosper of the Sociology department has returned from sabbatical. While on leave he was engaged in research on magazine reading as a leisure activity and as a form of cultural participation. He also continued research on drinking and tavern use. Dr. Cosper also visited the Alcohol Research Group at Berkeley, where he presented a seminar on time-budget research on alcohol use.

Dr. Cosper has been appointed Honorary Research Associate at the School of Recreation, Physical and Health Education at Dalhousie University as well.

Linda Christiansen-Ruffman was also away on sabbatical last year and returns this year to resume her teaching duties. While on leave she was involved in research on women and participation and other topics. She spent two months in Oslo at the Institute of Psychology and attended a number of conferences, including the Forum on Equality, Development and Peace in Nairobi Kenya.

Dr. Christiansen-Ruffman also presented several papers, including: "Wealth Re-Examined: Toward a Feminist Analysis of Women's Development Projects in Canada and in the Third World," presented at the Association of Women in Development Conference, Washington, D.C., April 25-27; "Issue Definition and Agenda Setting: Hospital Construction and Consolidation in Nova Scotia," and "Exploratory Research as Appropriate Methodology," both presented at the Canadian Sociology and Anthropology meetings, Montreal, May, 1985.

Dr. Martha MacDonald (Economics) and **Dr. M.P. Connelly** (Sociology) presented a paper entitled "Women and Development: The More Things Change the More They Stay the Same" at the International Conference on Women and Offshore Oil, St. John's, Nfld., September, 1985.

Faculty Publications

Faculty publications should be typed and submitted in the format used below. Please include only items already published.

James C.W. Ahiakpor (Economics), "Ricardo on money: the operational significance of the non-neutrality of money in the short run," *History of Political Economy*, Vol. 17, No. 1, Spring 1985, pp 17-30.

James C.W. Ahiakpor (Economics), "The success and failure of dependency theory: the experience of Ghana," *International Organization*, Vol. 39, No. 3, Summer 1985.

Paul Bernard (Modern Languages and Classics), "Aspects of Communicative Language Teaching," *N.S. Language Teachers Association Bulletin*, Vol. 27, No. 2, pp 4-8.

Paul Bernard (Modern Languages & Classics), Susan St. Onge, David, Ronald St. Onge, "Interaction: Revision de grammaire francaise; Interaction: Cahier de laboratoire et de travaux pratiques; Interculture: lectures et activites." *The Canadian Modern Language Review*, Vol. 41, No. 3 (January 1985), pp 570-571 (Review).

David G. Turner (Astronomy), "The Young Open Cluster Stock 16: An Example of Star Formation in an Elephant Trunk?" in *The Astrophysical Journal*, 292, pp. 148-154, (May 1, 1985).

Faculty Contract News

Contract Renewals

Dr. P. Arya, Economics Professor Gene Barrett, Sociology Professor David Bateman, Accounting

Dr. Colin Dodds, Fin/Mgt Science Dr. Karin Flikeid, Modern Languages

& Classics Professor Barry Gorman, Accounting Dr. Martha MacDonald, Economics Dr. Georgia Pe-Piper, Geology Professor Rolf Seringhaus, Marketing

Tenured

- Dr. James Ahiakpor, Economics
- Dr. Atul Dar, Economics
- Professor Jack Gale, Management Dr. A. Harvey, Economics
- Dr. Kathleen Mailer, Chemistry
- Dr. Arun Mukhopadhyay, Economics
- Dr. Georgia Pe-Piper, Geology Dr. John Waldron, Geology
- active ration, active

Promotions Associate Professor

- Dr. Paul Asabere, Fin/Mgt Science Professor Jack Gale, Management
- Dr. Wayne Grennan, Philosophy Dr. Linda Parrott, Psychology
- Dr. Vlodek Tarnawski, Engineering
- Full Professor
 - Dr. Colin Howell, History . Dr. Ron Landes, Political Science
 - Dr. Richard Perkyns, English
 - Dr. David Swingler, Engineering
 - Dr. Terry Whalen, English

Ronald L. Cosper (Sociology), "The Utility of Time-Budgeted Analysis for Research on Public Drinking," in *Public Drinking and Public Policy*, Eric Single and Thomas Storm, Editors. Toronto: Addiction Research Foundation, 1985, pp. 209-220.

Ronald Cosper (Sociology) and Susan M. Shaw, "The Validity of Time-Budget Studies: A Comparison of Frequency and Diary Data in Halifax, Canada," *Leisure Sciences*, Vol. 7, No. 2, 1985, pp 205-225.

M.P. Connelly (Sociology), "Women in the Labour Force," *The Canadian Encyclopedia*. Edmonton: Hurtig Press, 1985, pp. 1958-1959.

Douglas Day (Geography), "Turbine Test on Fundy," *The Geographical Magazine*, April 1985, pp 174-75.



Art Gallery Monday closed Tues to Thurs 1:00-7:00 pm Friday 1:00-5:00 pm

Sat, Sun 2:00 pm-4:00 pm

Regular hours Mon-Fri 9:00 am-4:30 pm Wed 9:00 am-7:00 pm

Continuing Education Mon-Fri 9:00 am-5:00 pm Tue & Wed 9:00 am-8:00 pm (or by appointment)

Patrick Power Library Mon-Fri 8:15 am-11:00 pm

Saturday 9:00 am-5:00 pm Sunday 1:00 pm-11:00 pm

I.D. Hours

Monday 2:00-5:00 pm Thursday 7:00-9:00 pm

Royal Bank Mon.-Fri. 1-2:30 pm

Gorsebrook Lounge Mon-Wed 3:00 pm-12 midnight Thurs & Fri noon-1:00 am Saturday 6:00 pm-12:30 am

Burke Gaffney Observatory Tours — Every Saturday Meet in Room L152 at 7:00 pm

Religious Services University Mass Sun 7:00 pm Canadian Martyrs' Church

Weekday Mass Mon, Wed & Thurs 6:30 pm

Liturgical Centre L145 Tues 6:30 pm L145 Friday 12:30 pm L145

Ignatius Chapel (opp. Royal Bank) Open Monday to Friday for Prayer and Meditation

Chaplain — Father John Mills L200, Ext. 219/220 or 422-2223 **David G. Turner** (Astronomy) and Mario Pedreros, "A Photometric Investigation of Cluster Membership for the Cepheid BB Sagittarii," in *The Astronomical Journal*, 90, pp. 1231-1237, (July 1985).

D.G. Turner (Astronomy), "Rescaling the Dimensions of the Universe," in *Physics in Canada*, 41, No. 3, p. 15, 1985.

H.H. Guetter, **D.G. Turner** (Astronomy), and **J.N. Scrimger** (Astronomy), "An Anomalous Intracluster Reddening Law in NGC 281," in *Bulletin of the American Astronomical Society*, 17, pp. 557-558, 1985 (June).

K.K. Lai, C.H. Schwalbe, **Keith Vaughan** (Chemistry), **Ronald J. LaFrance** (Chemistry) and C.D. Whiston, "Crystal and Molecular Structure of Ethyl-4-hydroxy-1,2,3 (4H)-benzotriazine and 6-Chloro-4hydroxy-3-methyl-4-phenyl-1,2,3benzotriazine," in *Canadian Journal* of Chemistry, Vol. 63, No. 3, 1985, pp 581-585.

Dr. Arun Mukhopadhyay (Economics), "Technological Progress and Change in Market Concentration in the U.S., 1963-1977," *Southern Economic Journal*, Vol. 52, No. 1, July, 1985.

Dr. Arun Mukhopadhyay (Economics), "Research Propensity and Change in Market Concentration in the U.S., 1947-1977," *Journal of Economics*, Vol. X, No. 3, March 1985.

Dr. Arun Mukhopadhyay (Economics), "Returns to Scale in R&D and the Schumpeterian Hypothesis: A Comment," *Journal of Industrial Economics*, Vol. 33, No. 3, March 1985.

Dr. P.L. Arya (Economics), "National Accounts of Nigeria: An Analysis of the Official Data," *Canadian Journal of African Studies*, Vol. 19, No. 2, 1985.

Dr. P.L. Arya (Economics), "Africa's Food Shortage: Green Revolution May Solve Problems," The Chronicle-Herald and The Mail Star, Sept. 5, 1985.

J.C. Dodds (Finance & Management Science), with J.P. Quek, "Effect of Mergers on the Share Price Movement of the Acquiring Firms: A UK Study." *Journal of Business Finance and Accounting*, Vol. 12, No. 2, Summer 1985.

Margaret Harry (English), Review of The Proper Lady and the Woman Writer, by Mary Poovey; Fantasy and Reconciliation, by Kay Mussell, Insatiable Appetites, by Madonne M. Miner, and Women Writers in Translation, by Margery Resnick and Isabelle de Courtivron, in Atlantis, Vol. 10, No. 2, Spring 1985, pp. 202-4.

J.C. Dodds (Finance & Management Science), Review of Premchand, A.: Government Budgeting and Expenditure Controls, Theory and Practice, IMF, Washington, D.C., 1983, in Kyklos, Fasc 1984. **J.L. McMullan** (Sociology), "Maudit Voleurs: Racketeering and the Collection of Private Debt in Montreal," in Tom Fleming (ed), *The New Criminologies: Crime, State and Control.* Toronto: Oxford University Press, 1985, pp. 290-312.

J.L. McMullan (Sociology), and R.S. Ratner, "Social Control and the Rise of the Exceptional State in Britain, the United States and Canada," in Tom Fleming (ed), *The New Criminologies: Crime, State and Control.* Toronto: Oxford University Press, 1985, pp. 185-205.

J.L. McMullan (Sociology), *The Canting Crew: London's Criminal Underworld, 1550-1700.* New Brunswick, New Jersey, Rutger's University Press, 1984, 224 pages.

Hugh Millward (Geography) with Benoit Ouelette (Geography) and Peter Ricketts (Geography), The Gaspereau Valley of Kings County, Nova Scotia: A Map Folio with Text, (Halifax: Saint Mary's University Atlantic Region Geographical Studies, No. 4. 1985). 40 pp.

Hermann F. Schwind (Management), "The State of the Art in Cross-Cultural Management Training," in *International HRD Annual*, Volume I, Robert Doktor (editor), American Society for Training and Development, 1985.

Arthur Smith (Library), "Monographs of Will R. Bird," APLA Bulletin, 48:6 (May 1985).

Arthur Smith (Library), "The Short Stories of W.R. Bird: A Checklist," APLA Bulletin, 48:4 (January 1985).

D.G. Turner (Astronomy), D.W. Forbes, R.W. Lyons, and R.J. Havlen, "Kinematic Evidence for Fundamental Mode Pulsation in the Short-Period Classical Cepheid SU Cassiopeiae," in *Cepheids: Theory and Observations, IAU Colloquium No. 82*, B.F. Madore (editor), (Cambridge University Press, Cambridge), pp. 95-97, 1985.

D.G. Turner (Astronomy), "Are the Cepheids in Cluster Nuclei a Rare Breed?" in *Cepheids: Theory and Observations, IAU Colloquium No.* 82, B.F. Madore (editor), (Cambridge University Press, Cambridge), pp. 209-211, 1985.

TIMES

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Have you ever wondered what you might learn in a course called "The Principles of Geology" or "Physical Anthropology"? You'll get your chance to find out at Saint Mary's University during National Universities Week, Oct. 21 to 25. Lectures in the following courses will be open to the community during that week, and Saint Mary's professors invite you to drop in.

Introductory Accounting. MW, 9 a.m., Rm L247, Nicola Young, MW, 7-9:30 p.m., L227, Greg MacLeod. Controlling cash transactions and basic accounting concepts.

Introduction to Anthropology. WF, 9:30 a.m., Rm L258. This course, with Professor Susan Walter, looks at the scientific study of humanity.

Native Peoples of North America. Tues., 5:30 p.m., Rm MM208, Harold McGee.

Aboriginal Mic Mac social structure. **Women: A Cultural Perspective.** Wed., 7 p.m., Rm MM208, Harold McGee. Articles from the book "Women, Culture and Society."

Physical Anthropology. TTh, 2:30 p.m., Rm MM209, Paul Erickson.

Genetics and genetics problems. **Methods and Theory in Archaeology.** Mon., 3:30-5:30 p.m., Archaeology Lab, Rm MM207, Michael Deal. Class will be cataloguing artifacts in the lab. Please do not arrive early.

Introduction to Contemporary Astronomy.

TTh, 1 p.m., Rm S313, David Turner; Thurs., 7 p.m., Rm S310, Gary Welch. Some practical background necessary to enjoy amateur astronomy. Prof. Welch will discuss telescopes.

Selected Topics on the Atlantic Fishery. Mon., 7-9:30 p.m., Rm S416, Michael Wiles. Two student presentations, "The Historical Role of the International Commission on the Atlantic Fishery" and "Overfishing: An Historically Unchanging Phenomenon," followed by discussion.

The Culture of Atlantic Canada. Thurs., 7-9:30 p.m., Rm MN206, John Reid. Culture and language.

Seminar on Atlantic Canada Ecology and Resources.

Tues., 7-9:30 p.m., Rm S101. Guest lecturer David Patriquin will discuss the ecologist's view of current agricultural practices in Atlantic Canada.

Botany.

MWF, 9:30 a.m., Rm S310, Timothy Ladd. Plant cells and plant tissues.

General Physiology. MWF, 10:30 a.m., Rm S416, Peter Daye. Cellular metabolism.

Introduction to Chemistry. MF, 11:30 a.m. Rm S313, Clive Elson. Concentrations of chemicals in solutions.

Legal Aspects of Business. TTh, 7 p.m., Rm L147, Graydon Lally. Topic is contracts.

Money and Banking. Mon., 10 a.m., Rm L150, James Ahiakpor. Standards of money and the Canadian financial system.

Curriculum in Practice. Tues., 4:30-7:30 p.m., Rm EC109, John Haysom. Improving teaching skills through selfevaluation.

Social Issues and Education. Mon., 7:15-9:45 p.m., Rm EC218, Bernard Davis. Student presentations on Mary

Woodstonecraft and John Holt. Classics of Children's Literature.

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MWF, 9:30 a.m., Rm MM203, Wendy Katz. "Alice in Wonderland."

Plug into Saint Mary's

Writing Skills.

Mon., 7 p.m. or Wed., 1 p.m., Rm L259, Joanne Riordon. For those who lack confidence in their writing skills.

Business English. Mon., 9:30 or 11:30 a.m., Rm L248, Tom Musial. Writing about the routine and the pleasant

Introduction to English. TTh, 8:30 a.m. or 5:30 p.m., Rm 416A, George Hallett. Short stories. Handouts will be available.

Film Criticism. Tues., 7-9:30 p.m., EC Theatre B,

Ed Flynn. Joseph Lousey's "The Servant" will be discussed.

The Study of Poetry. TTh, 2:30 p.m., Rm MS220, George Hallett. The Elizabethans. Handouts will be

available. Restoration and 18th Century Literature.

MW, 5:30 p.m., Rm MS220, George Hallett.

Defoe, Addison and Steele. Handouts will be available.

Principles of Insurance. MW, 7 p.m., Rm·L153, Karen Henderson. Life, health, property, automobile, fire and liability insurance.

Investments. Wed., 9-10:15 a.m., Rm L155, Colin Dodds. Common stock investment. Handouts will be available.

Urban Land Use. MWF, 9:30 a.m., Rm EC207, Hugh Millward. Mon., shopping behaviour. Wed. and Fri., the central business district and how it is organized.

Geography of China. MWF, 1:30 p.m., Rm EC207, Brian Robinson. Characteristics and problems of the region.

Geography of Shipping. TTh, 11:30 a.m., Rm EC207, Bob McCalla. Northern Canada's shipping routes. Tues., screening of "Northwest Passage

and "Charting the Frozen Sea." Thurs., discussion of films. **Principles of Geology.** TTh, 11:30 a.m., Rm S410A, Doug Williamson.

The Earth as a dynamically evolving planet and how we study it.

North American Social History. TTh, 11:30 a.m., Rm S310, Owen Carrigan. Social issues in an historical perspective.

Introduction to Business Management. Mon., 5:30 p.m., Rm L152, Lissa McRae. Marketing, production, finance, and the individual in the organization. TTh, 7 p.m., Rm L155, Steven Plummer. Tues., Labour-management relations. Thurs., material management and production productivity.

Introduction to Marketing. TTh, 4 p.m., Rm L152 and MW, 5:30 p.m., Rm L151, June MacDonald; TTh, 5:30 p.m., Rm L155, Nathan Kling. Pricing objectives and retail marketing.

Marketing Management. TTh, 1 p.m., Rm L153, Nathan Kling. Planning, organizing and controlling products, price, distribution, promotion and public policy strategies

Marketing and Consumer Behaviour. TTh, 10 a.m., Rm L154, Nathan Kling. Tues., The effects of personal influence on marketing practices; Thurs., Predicting the success of a new product.

Math Refresher. Tues., 5:30-7:30 p.m., Rm MS300, Melvin Cottreau. For those who wish to upgrade their math skills and overcome math anxiety. The Epic.

TTh, 4 p.m., Rm S322, Niki Hare. Homer's The Iliad. History of Greece. MW, 2:30 p.m., Rm S313, Geraldine Thomas. Early archaeological material which reveals some of the history of Greece.

Introduction to University French. MW, 9:30 a.m., Rm L129, Paul Bernard. Active use of French for self-expression.

Survey of French Literature. TTh, 10 a.m., Rm L128, Paul Bernard. French literature from the Middle Ages to modern times.

Introduction to Spanish. MWF, 10:30 a.m., Rm L127, Anthony Farrell. A basic course in the Spanish language.

Basic Logic. TTh, 8:30 a.m., Rm S410A, and TTh, 7 p.m., Rm S313, Wayne Grennan. The basics of logical thought, to provide the foundation for further studies in philosophy.

Ethics. MW, 1-2:15 p.m., Rm L129, Wayne Grennan. An introduction to moral philosophy designed to lead the student to examine the foundations of his moral positions.

University Physics. MWF, 10:30 a.m., Rm S410A, William Lonc. The principles of mechanics, heat, sound, light, electricity, atomic, nuclear physics.

Introduction to Political Science. Mon., 1:30 p.m., Rm L146, Ron Landes; Thurs., 7 p.m., Rm S410A, John Feehan. Prof. Landes: The nature of power and influence in politics. Prof. Feehan: The executive branch of government.

International Law. Tues., 7-9:30 p.m., Rm MM523, Joseph Jabbra. Public international law as it has been developed and invoked in diplomatic practice, international adjudication and national courts.

Introduction to Psychology. MW, 2:30 p.m., Rm S310, Rory O'Day. States of consciousness, including sleeping, meditation, dreaming and memory.

Psychology of Aging. Mon., 6-8:30 p.m., Rm S313, Irmingard Lenzer. An overview of the physical and psychological aspects of aging.

Human Neurophysiology. MWF, 10:30 a.m., Rm MM300, Irmingard Lenzer.

Human brain-behaviour relationships. Child Psychology. TTh, 11:30 a.m., Rm L248, Ken Hill.

Cognitive development. Criminology. TTh, 2:30 p.m., Rm L146, David Perrier.

Issues concerning police statistics.

Women in Canadian Society. TTh, 2:30 p.m., Rm MM215B, Pat Connelly. The structural and cultural conditions which have determined the position of women at various stages in Canada's development. with emphasis on Atlantic Canada.

Social Gerontology. Tues., 10 a.m., Rm MS220, Ishmael Okraku. The physiological and psychological changes involved in aging.

Introduction to Religious Studies. TTh, 11:30 a.m., Rm S416A, Stanley Armstrong. The religious dimension of human life.

Creation and Evolution. TTh, 10 a.m., Rm MM208A, Stanley Armstrong. Religious questions concerning the Biblical account of the Creation and the Theory of Evolution.

Marriage: Contemporary Experience and Religious Meaning. TTh, 1 p.m., Rm L151, Emero Stiegman.

TTh, 1 p.m., Rm L151, Emero Stiegman. The religious meaning of marriage, seen as a contemporary experience more than a classical symbol. Love. MW, 2:30 p.m., Rm S516A, and TTh, 8:30 a.m., Rm L248, Emero Stiegman. Love as a constant in world religions.

Learn to sign

An Interpreter Training Program for people who want to learn sign language for the deat is offered at Saint Mary's Observers are welcome. Monday to Friday, Oct. 21 to 25, from 9:30 a.m. to 12:30 p.m. and 1:30 to 5 p.m. in Rm MM216A, McNally Building. Seating is limited. Reserve ahead by calling 429-5941.

Plug into microcomputers!

There will be an Open House in the Microcomputer Lab on Friday, Oct. 25, 3:30 to 4:30 p.m., Rm 160, Loyola Bldg. Our IBMs will be available for you to try your hand at various communications packages, feel the thrill of our flight simulator package, test your skills on our typing tutor, check out our graphics and special effects and much more.

Plug into our extension courses!

Dartmouth

Social Problems. Mon., 7-9:30 p.m., Rm 202, Dartmouth High School, Mark Arnold. Education and social problems.

Computers and the Classroom Teacher. Tues., 7-9:30 p.m., Teachers Centre, Admiral Westphal School, Gary MacMillan. A program designed by the Province of

Nova Scotia to teach young people how to use data bases.

Halifax

An Introduction to Shakespeare. Tues. & Wed., 12-1 p.m., Reading Room, Halifax City Library, Cyril Byrne. MacBeth will be discussed.

Computers in the Classroom. Tues., 7:15 p.m., Educational Media Services, Bayers Road, Brian Gomes. Hands on experience on the computer equipment. Space is limited. Call 429-5941 to reserve your spot.

Cole Harbour

Introduction to Psychology. Wed., 7-9:30 p.m., Cole Harbour High School, Vic Parliament. States of consciousness.

Canadian-American Relations. Mon., 7-9:30 p.m., Cole Harbour High School, Ron MacDonald. The American Revolution and the Loyalists.

Sackville

Criminology. Tues., 7-9:30 p.m., Sackville High School David Perrier.

Issues concerning police statistics.

Don't get lost!

Finding your way around a university campus can sometimes be confusing. You can avoid getting lost by dropping into the lobby of the McNally Bldg., the University's main building at the south end of Robie St. We'll have hot coffee, a map of the campus and some National Universities Week souvenirs waiting for you. If you want to go directly to your class, here's a key to help you with the room numbers:

EC — Burke Education Building

MM - McNally Bldg., main section

MN — McNally Bldg., north wing MS — McNally Bldg., south wing

Parking on campus is limited, but there is two-hour parking available on Robie and the surrounding streets.

Saint Mary's University For more information, call 429-5941.