

Saint Mary's finances: cutbacks and mixed blessings

by Susan Murray

The rethinking on cutbacks first proposed by the Nova Scotia government and the surprising 19% increase in student enrolment will enable staff at Saint Mary's University to breathe a sigh of relief, at least for this year.

Dr. Kenneth Ozmon, president of the University, says there is no longer any need to contemplate any cuts in staff or courses this fiscal year because of the reprieve from government and the unexpected jump in the number of first-year students.

"I'm grateful for a bit of a respite from what would have been a disastrous cut," says Dr. Ozmon.

Late in August, the Department of Education announced it was eliminating all funding for the alteration, renovation and non-space projects. This would have sliced \$493,000 from Saint Mary's budget for this fiscal year, and a total of 4.5 million dollars from Nova Scotia universities, raising fears that staff and programs would be reduced.

However the Nova Scotia cabinet reconsidered the move in September after an outcry from universities, led by Dr. Ozmon, who is also president of the Council of Nova Scotia University Presidents.

Dr. Ozmon had complained it was unfair to withdraw money five months into the fiscal year when much of the money had already been spent for repairs, alterations and teaching equipment.

The matter was eventually referred to the Maritime Provinces Higher Education

Commission and the cabinet agreed with the recommendations of the MPHEC to only shave one million dollars, or about 20% of the money in the non-space capital budget.

"It's still a cut and it still hurts," says Dr. Ozmon, "but it will now mean only a cutback of about \$89,000 instead of nearly half a million, and that has been partially offset by our higher enrolment."

About 450 additional full-time students have enrolled at Saint Mary's this year over last, and this represents some additional revenue for the University.

"However, this is a mixed blessing," he says. "We've also had to set up new sections of courses and hire some part-time staff."

Dr. Ozmon also says the residence at Saint Mary's is in the unusual position of being full, so this will also add to the University's revenue.

Though the financial picture now looks a little brighter, the president is warning that Saint Mary's is not yet "out of the woods".

For one thing, the Nova Scotia government is also holding back an additional one million dollars from post-secondary institutions until the next fiscal year to help the Province's cash flow problems.

Dr. Ozmon says the government has stated the money will eventually be paid, but the universities will have to pay the carrying charges.

In the spring, all post-secondary institutions in Nova Scotia were disappointed to learn that the province did not intend to accept the recommendation of the MPHEC to increase funding for universities this year by 16%. Instead, the government agreed to increase its grant to Saint Mary's by 10-1/2%. Universities were already warning this might mean they would have to hold larger classes, drop courses, not fill vacant positions and reduce non-teaching areas such as libraries, cleaning and maintenance.

The amount of federal funding also seems in jeopardy as this year the Secretary of State, Gerald Regan, served notice that Ottawa was trying to reduce the percentage of university budgets now coming from federal coffers.

"We're all prepared for hard economic times and I don't think universities are exempt from that," says Dr. Ozmon.

The president has often stated fears that continued cutbacks will eventually affect the quality of post-secondary education.

A spokesman for the Department of Education says it is entirely up to each university to decide how to deal with their reduced budgets.

Dr. Ozmon says that the increase enrolment will help to offset the effects of the cutbacks. "However," he says, "chronic underfunding still continues to plague the University."

Susan Murray is a free-lance writer.

Enrolment . . . the highest ever

Summertime predictions of enrolment increases this fall have been fulfilled.

Dr. Kenneth Ozmon, President, reports that preliminary enrolment figures show that it is the highest it has been in the University's history.

"Right now," he says, "we have a 17 per cent increase over last year, which means we have a total full-time student count of over 2,700; that is 400 more students than last year and 100 more than the previous record high of 2,564, set in 1972.

Enrolment in the Faculty of Commerce has been increasing steadily for the past ten years; however, there are significant increases in the Faculties of Arts and Science.

"The renewed interest in our arts and science programs," says Dr. Ozmon, "represents, I hope, an appreciation of the high quality of our offerings in those areas.

"I also feel that students are returning to a recognition of the important role of the arts and sciences in intellectual development.

"We have been stressing the value of a liberal education for years; perhaps students are beginning to believe us."

About the general increase in enrolment, Dr. Ozmon says, "I don't believe anyone can explain the size of the increase adequately. Some feel that lack of jobs is contributing to it. My own feeling is that people see education as a good investment in their future and not just in monetary terms."



"Ryan's Fancy on Campus", a popular CBC television program, will feature the trio on Saint Mary's campus, Saturday night, at 8:30 p.m., October 9.

The program was taped in the Theatre Auditorium before a live audience and will feature Peggy Quinn and the Dixie-Tech Seven, and a Saint Mary's student, Blair Jerrett.

Denis Ryan will sing a favourite song of Father Hennessey's, "Rose of Moncoin", and dedicate it to his memory.

During the next few months the trio will visit various campuses throughout the Maritimes.

Watch for "Ryan's Fancy on Campus at Saint Mary's", October 9, at 8:30 p.m.

Saint Mary's professor to teach in China



Dr. Kay Tudor

China, land of mystery, will mark a new chapter in the life of Dr. Kay Tudor of the English Department at Saint Mary's University.

Dr. Tudor beamed as she spoke of her year in China. "It will be quite an experience," she said, "a little hard on the pocket book but when the opportunity arose I couldn't say no."

She has been invited by the Shandong Teachers' University to teach English language and literature to students and teachers at the University. The Chinese want to know more about North American teaching methods and to upgrade the English of university teachers.

"What will be interesting," said Dr. Tudor, "will be the contrast in teaching methods and the contact with Chinese students."

The University, located in the city of Jinan, 250 miles south-east of Peking, is the largest of three teachers' colleges in the province of

Shandong. The University trains teachers for provincial lower and middle schools. Shandong province, alone, has a population of 80 million, more than three times that of Canada.

Dr. Tudor will be spending a few days vacation and orientation in Peking before travelling to Jinan. At the University she will be housed in a hostelry for "foreign experts", other non-Chinese lecturers, and she will be a faculty member of the foreign languages department, which trains teachers in English, Japanese and Russian.

Although Dr. Tudor does not speak any of the Chinese dialects, she expects most of her students will have a fluency in English. Her schedule will be hectic, though: she will be expected to teach 16 to 22 periods a week and be available for counselling for another six hours. However, her lot will be easier than that of her Chinese colleagues. They work a six day week, 11 months a year. In addition to all the problems associated with being plunged into another society, Dr. Tudor expects to find few available teaching aids. "There is a shortage of books in China," she explained. "I may have to find or make my own teaching materials."

Off-campus, Dr. Tudor will be provided with an interpreter, a student at the University who will help her with everyday matters such as opening a bank account and who will travel with her on vacations. The job of interpreter is prized among the students. It helps them perfect their English and also learn more about North American culture.

Saint Mary's has an informal arrangement with the Shandong Teachers' University. Wang Xuding, a lecturer at the University, was the first Chinese student to study at Saint Mary's, and a second student is scheduled to arrive in the near future. Dr. Tudor is the first professor from Saint Mary's invited to teach at the University. Both institutes hope that more exchanges will occur in future years.

"The two institutes are involved in developing a special relationship to encourage student exchanges," noted Dr. Tudor. She added that in the future it is hoped that some Saint Mary's students studying Chinese language and culture will be offered exchanges. "An introductory Chinese language course would be sufficient for a student to study in China," she concluded.

Dr. Tudor has been teaching English at Saint Mary's since earning her doctorate from the University of Toronto. Before that she taught in the public school system for 16 years. Although she teaches a cross-section of English courses, her speciality is the Canadian novel and short stories.

She has been writing short stories and novels since 1978.

"I've been writing off and on over the years," she admitted, "but was too involved in academic work to attack it seriously."

In 1978 she won the Writers' Federation of Nova Scotia's first prize for an unpublished full-length novel. Since then she has had a number of short stories published in the *Antigonish Review*, *Pottersfield Portfolio* and the *Atlantic Canada Institute Newsletter*. Last year she took a year's leave of absence to spend time concentrating on her writings, with the financial support of a Canada Council Exploration Grant.

She spent the year at her family home in Pleasantville, Shelburne County. Her father was a fisherman and most of her literary works evoke the atmosphere of Maritime fishing villages. Her husband, a teacher for 20 years, left the profession to turn to boat building in Pleasantville.

Dr. Tudor admitted that next year will not be a time to pursue her literary career but a time to experience something new. "After that," she contends, "I am determined to work on my short stories and novels."

Noteworthy Notes

DR. JOHN CHADWICK-JONES (Psychology) was elected to a Visiting Fellowship at Clare Hall, University of Cambridge, England for the summer term of 1982. While at Cambridge, he collaborated with Dr. Robert Hinde, Royal Society Research Professor and Director of the Medical Research Council Unit for the Development and Integration of Behaviour at the University of Cambridge. Further joint work is planned on the applications of sociobiology to human social behaviour and Dr. Chadwick-Jones is engaged in the formation of a Sociobiology Study Group in Canadian universities.

DR. CHADWICK-JONES' recent book, *Social Psychology of Absenteeism*, was published by Praeger of New York in May 1982. This is a research study involving 6,450 employees in 21 organizations, including three Halifax banks and two Halifax hospitals.

DR. CHADWICK-JONES also chaired a symposium on "Research on Absenteeism" at the 20th International Congress of Applied Psychology in Edinburgh, Scotland, in July 1982. He presented a paper on the topic.

Last February, DR. CHADWICK-JONES began a research program on the life-styles of elderly residents in the south end of Halifax and is currently interviewing residents over 65. Some of the older residents of the area are on an advisory panel for this research project and Dr. Chadwick-Jones is being assisted by the Senior Citizen's Secretariat in Halifax.

DR. THEODORE B. CIUCIURA (Political Science) participated in a symposium on "Polish Dissent and the non-Russian republics of the Soviet Union" at the Ukrainian Free University in Munich, West Germany, July 1982.

DR. ROMAN NAHREBECKY (Modern Languages) presented a paper on "The Role of German Language and German Community in the Multi-lingual Austrian Kronland of Bukovina, 1775-1918", in collaboration with DR. THEODORE B. CIUCIURA (Political Science), to the Central and East European Studies Association of Canada at the Learned Societies Conference in Ottawa, June 8, 1982.

DR. A. ROJO (Biology) was interviewed by YA of Madrid, one of Spain's largest newspapers, regarding university research in Canada.

DR. ROJO signed a contract last May with H. Blume publishers of Spain to write a *Treatise of Ichthyology* in Spanish. The book will be published in May 1983.

Faculty Publications

JOHN CHADWICK-JONES (Psychology), *Social Psychology of Absenteeism*. New York: Praeger, 1982.

BRIJ M. KAPOOR (Biology) and Shirley Ramcharitar, "IOPB Chromosome number reports LXXVI", *Taxon (Journal of the International Association for Plant Taxonomy)* Vol. 31 (3), August 1982, pp 596-597.

A. ROJO (Biology), "The morphology of the fish otoliths", *IBERICA*, Vol. 228, December 1981, pp 413-417.

RICHARD SPARKMAN (Marketing), Shelby Hunt and John Wilcox, "The Pretest in Survey Research: Issues and Preliminary Findings", *Journal of Marketing Research*, May 1982.

A. Veysi Baki and KEITH VAUGHAN (Chemistry), "Functional-Group Modifications of Dextran for Linkage to a Diazonium Group. A Potential Vehicle for Tumour Targeting of Antineoplastic Triazines", *Carbohydrate Research*, 105 (1982), pp 57-68.

DR. RICHARD SPARKMAN (Marketing) produced a critique of *Food Prices Survey, Final Report* for the Nova Scotia Department of Corporate Affairs. This report was the basis for a major advertising campaign.

LIZ STEVENS (Director of Information and Public Relations) attended a Council for the Advancement and Support of Education (CASE) International Assembly in Toronto recently. She was the moderator of a panel on "Institutional Relations" that also included Arthur Ciervo, Pennsylvania State University; Ron Nief, Middlebury College, and Murray Campbell, *The Globe and Mail*.

DR. DONALD WEEREN (Faculty of Education) has been named associate editor of *Ethics in Education*, a publication aimed at assisting teachers in their role as moral educators.

Student Cafeteria officially opened



The cafeteria in the O'Donnell-Hennessey Student Center was officially opened on Monday, September 20.

Although it has been in use for some time, the cafeteria was renovated recently. The stylish new decor—light-coloured natural wood, plants, and enclosed eating areas—makes it a nice place to have lunch.

Mr. Garry C. Knox, Vice President and General Manager of Saga Foods, and Saint Mary's President, Dr. Ken Ozmon, were on hand to cut the ribbon.

"Law and Morality" subject of distinguished speaker

"Law and Morality" is the title of a public lecture to be delivered by George Anastaplo at 8 p.m., Thursday, October 28 in Theatre "A", Burke Education Centre, Saint Mary's University.

George Anastaplo is a leading thinker and writer on the relationship between morality and law. He is also a person who has made a signal contribution to constitutional thought both by his personal defence of civil rights and by his distinguished works of legal scholarship.

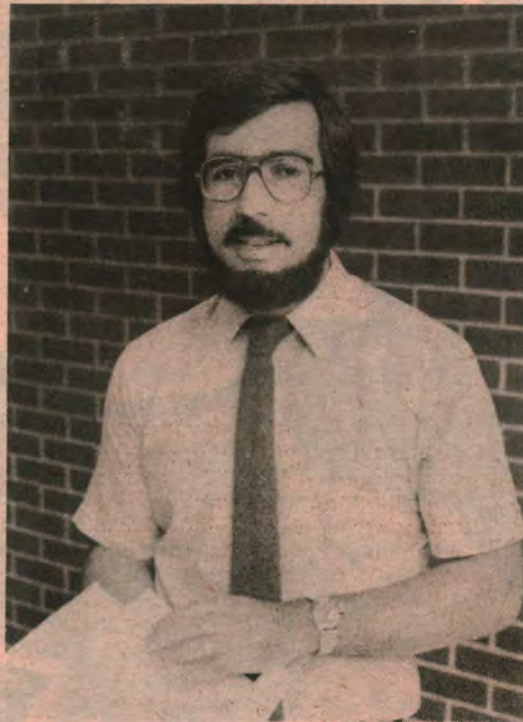
After service in the U.S. Airforce in World War II as a navigator, Dr. Anastaplo studied at the University of Chicago and graduated first in his class from its Law School. It was the McCarthy era and his troubles began with a routine interview for admission to the Illinois bar. His answers to questions about the possibility of rightful revolution so troubled the committee that he was asked if he was a Communist. He refused to answer on the grounds that the question was an infringement of his civil rights and was denied admission to the bar. Dr. Anastaplo appealed to the Illinois supreme court but lost by a vote of 7-0. He reapplied in 1958, was again voted down and on a second appeal to the Illinois supreme court he again lost, this time by a 4-3 vote. Anastaplo then took his case to the U.S. Supreme Court and there, despite the magnificent dissenting opinions of Justice Hugo L. Black, was defeated by a vote of 5-4.

Dr. Anastaplo then returned to the University of Chicago where he obtained a Ph.D. in Political Philosophy. In 1964 he was appointed to the faculty of Rosary College, Chicago where he still teaches. He also holds the appointments of Visiting Professor of Law in the Loyola University of Chicago and Lecturer in the Liberal Arts, University of Chicago. Among his many publications are *The Constitutionalist: Notes on the First Amendment* (Southern Methodist University Press, 1971), *Human Being and Citizen: Essays on Virtue, Freedom and the Common Good* (Swallow Press, 1975), and *The Artist as Thinker: From Shakespeare to Joyce* (Ohio University Press, 1982).

George Anastaplo's continuing defence of civil rights, in and out of season, has resulted in his expulsion both from the Greece of the Colonels and the Soviet Union. As he himself says, "Any man who has been kicked out of Russia, Greece and the Illinois bar can't be all bad."

Dr. Anastaplo's lecture is sponsored by the Institute of Human Values at Saint Mary's University.

Gorsebrook research director appointed



Dr. Anthony Winson

Dr. Anthony Winson has been appointed Research Director of the recently established Gorsebrook Institute, a resource and research centre designed to complement and enhance Saint Mary's Atlantic Canada Studies program.

Dr. Winson, whose appointment became effective in September, earned his Bachelor of Arts with Honours degree in sociology from the University of Western Ontario. In 1981 he received his Ph.D. from the University of Toronto, specializing in comparative economic development and rural sociology. He has been awarded doctoral fellowships from the Canada Council and a post doctoral fellowship from the Social Sciences and Humanities Research Council of Canada.

He has articles published or forthcoming in academic journals such as *Comparative Studies in Society and History*, *Economy and Society* and *Latin American Perspectives*. His current research interests include the comparative development of Maritime and Central Canadian agriculture and the sociology of primary commodity production.

He explains that the Gorsebrook Institute of Saint Mary's University is intended to foster co-operative research on Atlantic Canada, to help scholars obtain funding for this research and to serve as a resource centre for students and for the community.

Atlantic Research Lab celebrates anniversary

The Atlantic Research Laboratory, part of the National Research Council, celebrates its thirtieth anniversary next week with an Open House on October 15-16. At the Open House the public will meet and talk with scientists and technical staff, view audiovisual presentations and see working models.

When ARL first opened in 1952, E.W. Steacie, then President of the National Research Council, promised that the Lab, at 1411 Oxford St., would devote itself to research in areas that were of particular interest to the Maritime provinces. More specifically the work of the Lab would try to aid the Atlantic economy.

True to this mandate, members of the scientific staff are currently working on projects with various companies and government agencies like the Cape Breton Development Corporation, Acadian Seaplants, and the Atlantic Oceanics Company.

ARL scientists are finding why sheep fail to thrive in the Atlantic region, if fiddleheads can be produced as a cash crop, how better steel rails can be made, ways Atlantic coal can be improved, and how seaweed can be used industrially.

Beginning the anniversary celebrations will be a lecture by Dr. Karl Doetsch, leader of the CANADARM project. Dr. Doetsch, of the National Aeronautical Establishment, of the National Research Council in Ottawa, has received world acclaim for his work with CANADARM and the space flights. His speech will be entitled "CANADARM—A Canadian Technological Success". The lecture will begin at 8 p.m., on October 13, in Theatre "A", Burke Education Centre, Saint Mary's University and is sponsored by the A.C. Neish Memorial Trust.

On Thursday and Friday, October 14 and 15, high school students from Halifax and the surrounding areas will tour the laboratory. Friday, October 15 from 6 to 9 p.m. the general public may go through the laboratory and again on Saturday, October 16 from 10 a.m. to 4 p.m.

Research projects at the Atlantic Research Laboratory are conducted by "multi-disciplinary" groups with organic chemists working side by side with biologists and biochemists. These working groups include specialists in biophysics, microbiology, lichenology, high temperature chemistry, analytical chemistry, and the chemistry, biology, and genetics of marine plants.

The laboratory on Oxford St. is virtually self-sufficient with its own library, glass-blowing shop, and liquid nitrogen plant. The building also houses the Atlantic Regional Station for Building Research. It is also the home of the Nova Scotia Herbarium. The Atlantic Research Laboratory operates a seaweed culture station at Sandy Cove near Ketch Harbour. This field station has extensive outdoor and indoor facilities for cultivation of marine plants but will not be open to the public during the Open House celebrations.

Active co-operation between ARL scientists and other institutions in the Maritimes is an essential feature of the laboratory's operations. Certain phases of their work is done in co-operation with the staff of other government laboratories and universities including Dalhousie University. Graduate students conduct research in the lab under supervision of staff members who in turn hold honorary teaching posts at Dalhousie, Acadia or other Maritime universities.

The staff at ARL are preparing many interesting displays for Open House to illustrate their research projects and are looking forward to explaining their work to the visiting public.



Operation Blitz takes place Friday, October 15. The one-day student campaign is part of the United Way appeal and is aimed at small businesses in the local area.

Students will canvass 600 businesses, hoping to raise \$15,000 of the \$1.78 million United Way target. It will be a challenge to students in light of the difficult economic times but training is provided and they see it as an opportunity to meet people in the business community.

Two of the Saint Mary's student organizers, seen above, are Susan Falconer (left) and Deborah Cochran.

Don't forget . . .

. . . to renew your I.D.

I.D. photographs will be taken in the Library, beginning October 4, 1982. The hours are as follows: Mondays 2 - 5 p.m.; Tuesdays 7 - 9 p.m.

Students study interstellar mysteries

While many university students pounded the pavements, looking for summer jobs, or lay on the beach, soaking up the sun's rays, four physics majors at Saint Mary's University were delving into cometary comae, pinning down the rhythmic cycle of a variable star, or peering into interstellar clouds.

The four, Jennifer Wells, Laurie Burgoyne, Bill Allwright and Leonard Maclsaac, worked with faculty members of the Astronomy Department on a number of projects, aided with funding from the Natural Sciences and Engineering Research Council (NSERC).

Jennifer Wells, a third-year honours physics student from Bridgewater, helped Dr. George Mitchell analyze chemical reactions in cometary comae. They wanted to know how and why a comet changes its physical composition as it approaches the sun.

"Comets," explained Ms. Wells, "are made of the material from which the solar system evolved—primordial matter as old as the universe. An understanding of their physical make-up may help astronomers understand the birth of the solar system."

She went on to say that beyond the solar system, some 50,000 astronomical units from the sun, is a giant cloud of comets known as the Oort cloud, after its discoverer, Jan Oort. (One astronomical unit is the distance from the earth to the sun, about 1.5 million kilometers.) A star passing close enough to the Oort cloud to affect its stability may dislodge a comet and send it hurtling towards the sun. As the comet passes the orbit of Jupiter, the effects of solar wind cause the comet to evaporate, releasing ions and becoming active, thus making it detectable on earth. Many comets, such as Halley's, become trapped in the solar system, repeating their orbit around the sun.

Laurie Burgoyne of Moncton, New Brunswick, was one credit short of her Bachelor of Science degree in physics. This fall she is enrolling in the Master of Science in Astronomy program at Saint Mary's.

During the summer she helped Dr. David DuPuy pin down the light curve of a variable star, known simply as HR 5960. "A variable star," she explained, "is one with a periodic shift in brightness." She added that there are many types. HR 5960 is a Delta-Scuti star, one that brightens and fades within fractions of an hour. Others, such as RV Tauri stars, vary in brightness with periods extending 30 to 150 days.

Analyzing data from observations made in Arizona, Dr. DuPuy and Ms. Burgoyne were attempting to catalogue how often this star brightens and explain why. They have had difficulty pinning down its cycle, a possible indication, says Ms. Burgoyne, of an unstable star.

Bill Allwright of Halifax was working on a project on RV Tauri stars, those with long periods of varying brightness, begun the previous summer with Dr. DuPuy. The project, involving six stars within the Milky Way Galaxy, requires analyzing data gathered during the summer of 1980 and reducing this data to graphic illustrations. This research is being written as a paper for publication, with Mr. Allwright listed as co-author.

He also worked with Dr. DuPuy on the photoelectric photometry (a means of measuring the brightness of a star) of RV Tauri and other types of variable stars, using the Saint Mary's



Saint Mary's Astronomy students (standing, left to right) Laurie Burgoyne, Bill Allwright, Jennifer Wells, and (seated) Leonard Maclsaac.

University reflecting telescope. Then he did research on photographic photometry of star clusters, the measuring of the brightness of star cluster members by analyzing photographic plates. This process enables astronomers to determine the age, size and distance of a cluster. Mr. Allwright and Dr. DuPuy looked at clusters within the spiral arms of the Milky Way Galaxy.

"Astronomers theorize," explained Mr. Allwright, "that stars in the spiral arms are younger than those at the core of the galaxy. Many in the outer reaches of the Milky Way are second or third generation stars, as is our sun." He added that the sun, only five billion years old and half way through its life cycle, is much younger than the universe, some 15 to 20 billion years old.

Leonard Maclsaac of Dartmouth, the last student to join the group, had just completed his first year at Saint Mary's.

He was helping Dr. George Mitchell with research on interstellar clouds. These cosmic clouds, composed of gas and dust accumulated

from many sources including super nova explosions and remnants of the "big bang", are gigantic. They may stretch anywhere from the breadth of our solar system to a number of light years in diameter, according to Mr. Maclsaac, yet the particles of dust in them are as fine as the dust in the smoke of a burning cigarette. Interstellar dust, he added, pervades the universe. More than a tonne of it rains down on earth every year.

"It's so fine that we've all eaten cosmic dust but don't know it," said Mr. Maclsaac.

Dr. Mitchell is interested in calculating the effects of a shock wave passing through an interstellar cloud of some initial temperature, density and composition. A shock wave passing through the cloud would compress the gases, causing chemical changes. Thus, analysis of the composition of an interstellar cloud may indicate the presence of a shock wave. These waves, explained Mr. Maclsaac, may be set off by super nova explosions.

All four students want to become astronomers and hope to complete Master of Science degrees in Astronomy before proceeding to doctoral studies at the University of Toronto. Laurie Burgoyne and Bill Allwright plan on careers in academic research and teaching; Jennifer Wells has her sights set on working for NASA; Leonard Maclsaac, after only a year of university, is still undecided.

Nova Scotia Institute of Science Fall Lecture Program

... the next talk will be ...

"Microbial Processes at Deep Sea Hydrothermal Vents"

by Dr. Helgar Jannash
of the Woods Hole
Oceanographic Institute

8 p.m., Monday, November 1
Lecture Hall,
Nova Scotia Museum
Summer Street, Halifax

Group Equity Values

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

9 June 1982	—	768.39
16 June 1982	—	768.38
23 June 1982	—	746.90
29 June 1982	—	752.08
6 July 1982	—	745.65
13 July 1982	—	--
21 July 1982	—	767.54
28 July 1982	—	780.64
6 Aug 1982	—	770.79
11 Aug 1982	—	769.48
18 Aug 1982	—	--
25 Aug 1982	—	805.24
1 Sept 1982	—	832.28
9 Sept 1982	—	856.95



The winner of the Award of Merit for 1981-82 from Digital Equipment of Canada, Ltd. is Felicia Cheng. The award, given this year for the first time, recognizes Ms. Cheng's achievement of highest overall average in the mainstream introductory computer science course at Saint Mary's. With Ms. Cheng at the presentation are Dr. Ron Cosper, Chairman of the Senate Scholarship Committee (left) and Dr. Bert Hartnell, Chairman of the Mathematics Department.

Our World in the 80s —Global Alliances

A Thursday noon-hour discussion series
at the
Halifax City Regional Library
5381 Spring Garden Road

October 7 - November 4
12 noon - 1 p.m.

- October 7 **Canada's role in the international community** with **Arthur Andrew**, Kings College; former Canadian Ambassador to Greece
- October 14 **The United Nations and its agencies** with **Michael Clarke**; former director of the United Nations information centre in Tokyo
- October 21 **World monetary systems** with **Ian McAllister**, Economics Department, Dalhousie University
- October 28 **Eastern military alliances** with **David Jones**, Russian Micro Project, Dalhousie University
- November 4 **Western military alliances** with **Captain John Slade**, Deputy Chief of Staff Plans, Maritime Command

Co-sponsored by the **International Education Centre**, Saint Mary's University and the **Halifax City Regional Library**.

Notes from AUCC . . .

Canadian Science News Service Launched

A Canadian science news service is being launched this fall funded by the Social Science and Humanities Research Council and the Natural Sciences and Engineering Research Council. The service will distribute stories about scientific developments in Canada to weekly newspapers. John Holt has been named managing editor and freelance writer Lydia Dotto is associated with the service. Enquiries should be addressed to Canadian Science News Service, Room 255, Winters College, York University, Downsview, Ontario M3J 2R3.

Banks Cut Student Loan Services

The Canadian Federation of Students has protested cost-cutting moves by major Canadian banks. The Toronto-Dominion Bank announced in January a ceiling of 10% on the increase in the total amount of money allocated this year for Canada Student Loans, with preference being given to students who had previously held loans with the bank. The Canadian Imperial Bank of Commerce has placed a 15% limit on the increase in the total amount of money available for student loans this year. The Bank of Montreal has designated one bank in each city to handle all student loans; including a limit of one bank offering student loans services in Vancouver and one in Toronto. Most banks are enforcing policies allowing loans only to customers who have dealt with the bank for a minimum of six months and prohibiting the transfer of loans from another bank.

Secretary of State Gerald Regan, whose department is responsible for the Canada Student Loans Program, in a meeting August 11 with student representatives, guaranteed that no student would be denied access to post-secondary education this fall as a result of cuts in student banking services. He is meeting with the chairman of the Canadian Banking Association in September to try to clarify the situation.

Up-Coming Events at the International Education Centre

October 15: **World Food Day Programme for Secondary School Students: Who Pays? Who Profits?**
10:00 a.m.—Keynote Speaker—**Pat Mooney**, author of the book *Seeds of the Earth—A Private or Public Resource*
11:30 a.m. - 12:15 p.m. and 1:15 p.m. - 2:00 p.m.—Workshops
-Aid Experts—The Introduction of New Technologies
-Appropriate Technologies
-World's Apart? Tanzania and Nova Scotia
-Pesticides and Food—Different Interests, Different Perspectives
-Who Pays? Who Profits?
(all sessions in the Burke Education Centre)

World Food Day Public Lecture
7:30 p.m.—**Pat Mooney**, author, agriculturalist, development worker and teacher will speak on the **Politics of Seeds**; Theatre B, Burke Education Centre

October 26: 8:00 p.m.—**Dr. Linus Pauling**, Nobel prize winner for Chemistry and for Peace will speak on **"Global Perspectives of the Peace Movement"**
Theatre Auditorium

"Literary Criticism and the Discipline of Children's Books"

a lecture by

Dr. Peter Hunt

University of Wales Institute of Science and Technology

will be given

Wednesday, October 27
at 8 p.m.
in the **Faculty Lounge, fifth floor north wing McNally Building**
Saint Mary's University

A reception will follow the lecture

New assistant director of the I.E.C. appointed



Margaret Macdonald

Margaret Macdonald has been appointed Assistant Director of the International Education Centre, effective September 1982. She replaces Mary Boyd, who has joined the Department of External Affairs in Ottawa.

Ms. Macdonald graduated with an honours Bachelor of Arts degree in Sociology from the University of Toronto and then went to work in Papua, New Guinea, as a student counsellor and English tutor.

In 1973 she returned to Canada to work for the Canadian University Services Overseas (CUSO) in Ottawa. She then entered graduate school at the University of Manitoba and worked towards a Master of Science degree in family studies, graduating in 1978.

Immediately on completion of her Master's degree, Ms. Macdonald went to the Sudan to work, first as a survey and evaluation officer for the African Medical Foundation and then as an administrative assistant for the Voluntary Service Overseas.

In 1981 she returned to Canada and, early in 1982, accepted a position as New Brunswick representative of CUSO.

She has held a number of positions on various CUSO committees over the years, including chairperson of the Fredericton fund raising Committee (1981-1982). She also participated in the Operation Crossroads Africa program in Nigeria in 1968.



The Patrick Power Library has been providing Library Instruction Sessions to a variety of Saint Mary's classes. Above, Jane Archibald (third from left) of the Library, speaks to a Management class about making the best use of Library services.

Art Gallery News

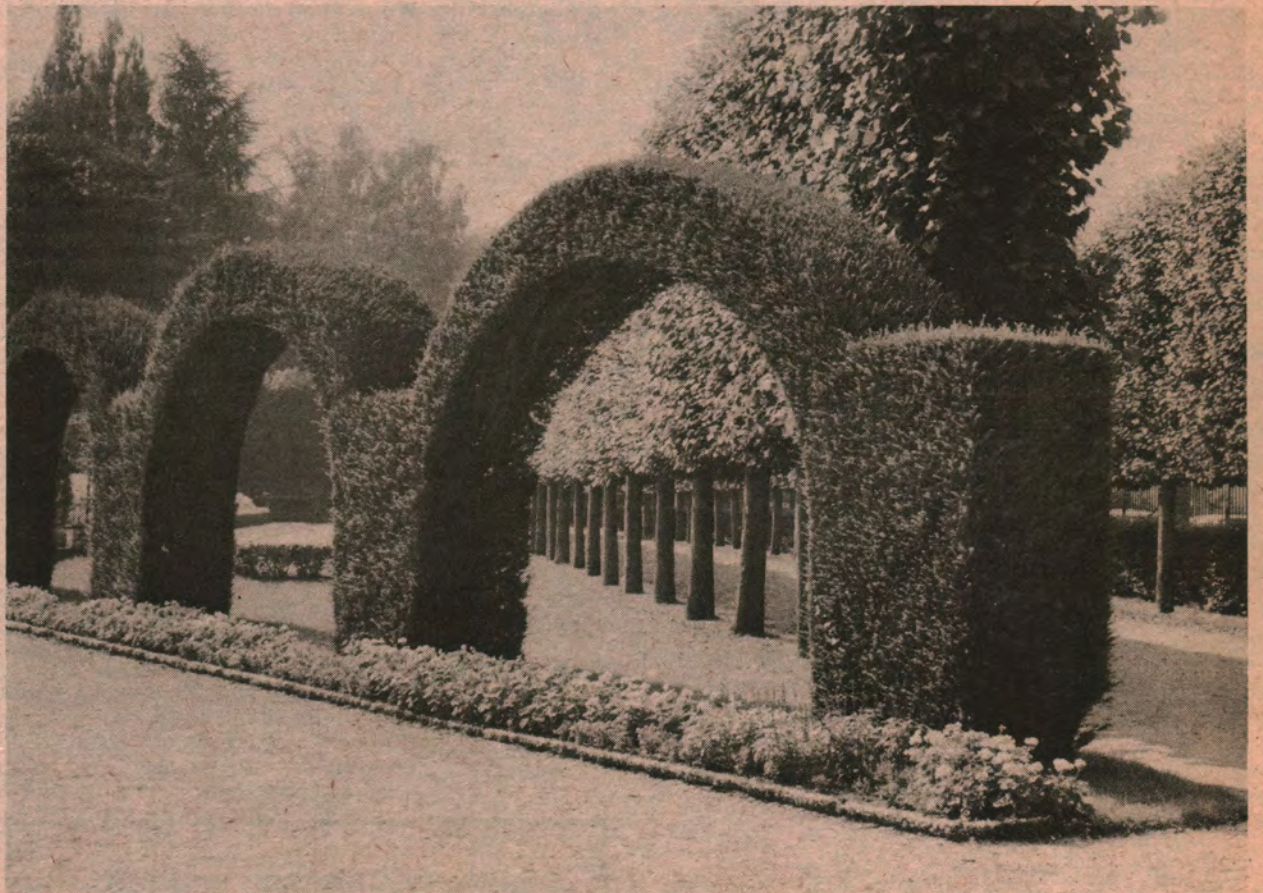
At the Saint Mary's University Art Gallery

Images East, a collection of photographs, will open in the main Art Gallery on Thursday, October 14. A reception, which is open to the general public, will be held at 8:00 p.m. Some of the photographers will be there to discuss their works. All eight photographers, seven women and one man, received formal training in photography at the Nova Scotia College of Art and Design.

Images East

Photographs by: Marilynne Bell
 Renate Deppe
 Elizabeth Cunningham Gildford
 Linda Ligas
 Jo Novak
 Michel Sarrouy
 Helen Sinclair
 Julie Anne Schwartz

Opens at the Saint Mary's University Art Gallery on Thursday, October 14 at 8:00 p.m.



"Jardin des Pres Fichaux, Bourges" by Michel Sarrouy, part of the *Images East* exhibition opening at the Saint Mary's University Art Gallery, Thursday, October 14 at 8 p.m.

Lunch with ART

(Fridays at 12:30; free admission)

- | | | |
|-----------------|----|---|
| October | 15 | Film: "The Time Machine"—the history of photography. |
| | 22 | Modern Dance: Zelda la Paix |
| | 29 | Solo Show: David Jaggard, piano & tapes |
| November | 5 | The Deaf Gypsy Mime Company |
| | 12 | Performance Art: Ellen Pierce |
| | 19 | Recital: Norma Lee Bisha, viola and Monique Gusset, piano |
| | 26 | Canada East Winds: chamber music for woodwind quintet |

Evening Concerts

(8:00 p.m., in the Art Gallery)

- | | | |
|-----------------|----|---|
| October | 27 | Classical music with Matt Hughes playing a Fortepiano, an authentic 1840 Broadwood. |
| November | 23 | Recital: Elvira Gonella, mezzo soprano |
| December | 13 | Bach Cantatas: Judith Wright, soprano, with chamber ensemble. |

Come one, come all

Have too many summer barbeques, too many ice cream sundaes made you a little less lithe than you would like to be? Do you find yourself somewhat breathless as you reach the Faculty Lounge for your morning coffee?

Now is the time to do something about it. A fitness class is being held in the Saint Mary's gymnasium Monday, Wednesday and Friday from 12:10 to 12:40 p.m. As a professional instructor has been hired to teach the class, there is a fee, the amount dependent on the number of participants. So, bring a friend.

For further information, please call Peggy Wiseman in the Student Centre at extension 229.



The \$2000 Xerox of Canada Ltd. Fellowship has been won this year by Paul Merzetti of Rothesay, New Brunswick. The annual award, established in 1977, is open to MBA students at Saint Mary's University, and selection is by the Graduate Awards Committee.

At the presentation were: (left to right) Dr. Ozmon, President of Saint Mary's; Mr. Steve Brecher, Atlantic Branch Manager for Xerox; Mr. Merzetti; and Dr. T.P. Hari Das, Director, MBA Program.

"Law and Morality"

A public lecture by

George Anastaplo

distinguished civil rights advocate and legal thinker

will be presented

Thursday, October 28
 8 p.m.

Theatre "A"
 Burke Education Centre
 Saint Mary's University

Sponsored by the Institute of Human Values,
 Saint Mary's University

Raffle winners

The World University Service of Canada (WUSC) Saint Mary's University Local Committee held a raffle in September to raise funds for its refugee student sponsorship program. A number of Halifax businesses donated prizes for the raffle and most of the tickets were sold on the Saint Mary's campus.

The top prize, a year's membership to Dalplex, was won by William Bridgeo of the Chemistry Department. Gillian Thomas of the English Department won a three-month membership to the Halifax YMCA. Dinners-for-two at Privateers' Warehouse Upper Deck and La Scala Restaurant were won by Arthur Monahan and David Pigot, respectively. The La Scala dinner was donated by the Caribbean Information Group. Two pieces of pottery donated by Halifax potter, Julia Redgrave, were won by Barb Daniels who often helps at the International Education Centre. Michael MacMillan, Dean of Education, won a gift certificate from McKelvies Restaurant and Henry Veltmeyer, Sociology Chairperson, won a certificate from King's Palace Restaurant. K. Lightbourne, a student living in Saint Mary's residence won two prizes—a gift certificate from Red Herring Cooperative Books and a Canadian Pacific flight bag. Saint Mary's Bookstore donated an electronic calculator won by Ken Persau, another person who helps at the IEC. A Moosehead kit bag, full of Moosehead goodies, like t-shirts, hats, etc. was won by Phil Menhenitt of Halifax. Wendy Katz of the English Department won a gift certificate from Pizza Delight on Quinpool Road. Air Canada flight bags were won by Allan Sabeau of the Chemistry Department and Janet Forrest of the Management Department. Milton Chew of Management Science won a Canadian Pacific flight bag. Mary Sun of the History Department, already a world traveler, won a tour of the Harbour Islands from Harbour Islands Ferry and Tours. Saint Mary's Bookstore also donated a number of Saint Mary's University t-shirts, won by Irene MacDonald of the Library, Henry Veltmeyer (again), the Information Office (can they all fit into it?), and two were won by Sheila Morrison (her husband is IEC Director, Jim Morrison, who bullied his family into buying a lot of tickets). Of the three rock LP albums donated by the SRC one was won by Susan Laoye, another student in Saint Mary's residence, and two were won by CBHT announcer and former rock disc jockey, Frank Cameron. Ronald MacDonald donated certificates for Egg McMuffins and "Nutsy" Sundaes. Winners of these were Saint Mary's people—David Hope-Simpson, Rashid Tayyeb, Betty Jean Frenette, Diana Mason, Izzy Elkhazin, Jim Darley, and the Chaplaincy Office—and Peggy Mahon and Julia Redgrave (the potter) of Halifax.

Raffle organizers said they were satisfied with the \$550 raised although they had hoped for more. Ticket sellers said they were very pleased with the response of the Saint Mary's community members who were approached. They said faculty members showed very positive interest in the Committee's sponsorship of refugee student Habtom Embaye at Saint Mary's.

Proceeds from the raffle will be used as required by Mr. Embaye. If funds are left over, they will be saved for future refugee student sponsorship.

Dr. Karl Doetsch

National Aeronautical Establishment
National Research Council
will present the
Fifth A.C. Neish Memorial Lecture

"CANADARM—a Canadian technological success"

8 p.m., Wednesday, October 13
Theatre "A", Burke Education Centre
Saint Mary's University

Sponsored by the A.C. Neish Memorial Trust, the Nova Scotian Institute of Science, and the Atlantic Research Laboratory of the National Research Council of Canada.

Hennessey Scholarship to be announced at Alumni Football Festival

The Saint Mary's University Alumni Association's Fall Football Festival will be held on Saturday, October 9 at the Saint Mary's Stadium.

The football match will feature the defending national champions, the Acadia University Axemen, against the Saint Mary's Huskies. This is a regular AUA game and kick-off is at 2:00 p.m.

Alumni are invited to attend a pre-game brunch in the O'Donnell-Hennessey Student Centre at 12 noon. During the reception, the Alumni Association will announce the establishment of the Father J.J. Hennessey Memorial Scholarship.

The late Father Hennessey, a Jesuit, has been associated with Saint Mary's since he was appointed Dean of Men in 1960. He was loved by students and members of the University community alike, and is well remembered for his stern discipline and enthusiastic support of the Saint Mary's athletic teams. Even after his

official retirement, he remained at the University as Counsellor-in-Residence until he was moved to the Jesuit Infirmary in Pickering, Ontario, last May because of failing health. He died August 11, 1982, and was remembered in a Memorial Mass celebrated in Canadian Martyrs' Church on September 22.

Until the day Father Hennessey left the campus he continued to be an avid fan of the Huskies and so it is fitting that the scholarship in his memory be announced at the Alumni Football Festival.

After the match a post-game reception for alumni will be held in the Alumni Lounge on the third floor of the O'Donnell-Hennessey Student Centre.

Tickets for the alumni brunch and the football game are \$6.00 each and may be purchased at either the Alumni Office or the Saint Mary's Ticket Office, both of which are located in the O'Donnell-Hennessey Student Centre, Saint Mary's University, Halifax, Nova Scotia.



Huskies Stadium will be the scene of Saint Mary's University Alumni Association's Fall Football Festival, Saturday, October 9. Seen here are organizers: (left to right) Bruce Hopkins, Athletics Business Manager and Assistant Football Coach; Don Reardon of the Alumni Association; and Laurie Smith, Director of Alumni Services.

Volunteer agencies to recruit on campus

The Halifax-Dartmouth Association of Volunteer Directors is sponsoring a recruitment campaign at the four Universities in the area in October. The campaign is directed primarily at the students, but other members of the university community are not excluded.

The association believes that this segment of the population has much to offer as volunteers through their skills and abilities and through their youth and vitality. Students can also benefit greatly from their volunteer work. Volunteer work can provide students with the following:

1. Practical experience to complement course work.
2. Opportunity to explore different career avenues.
3. Employment experience and contacts.
4. References for future use.
5. Personal satisfaction in helping others.

By undertaking volunteer work, students can participate in the general life of the community at large, and make a valuable contribution to that community. They can gain valuable life experience. Perhaps, too, a life-long habit of being a volunteer can be established by becoming involved as a young adult, for volunteer work can continue throughout one's

life.

A display exploring the "what", "where" and "why" of volunteering will be set up, with an information desk at the following times and locations:

Mount Saint Vincent University,
Seton Academic Centre, Main Foyer,
October 5, 6, 7, 10:00 a.m. - 8:00 p.m.
Saint Mary's University, Patrick Power
Library, Lobby, October 12 and 13,
10:00 a.m. - 8:00 p.m.
Technical University of Nova Scotia,
The Common Room, October 14 and
15, 10:00 a.m. - 5:00 p.m.
Dalhousie University, Student's Union
Building, Foyer, October 18, 19 and
20, 10:00 a.m. - 4:00 p.m.

A variety of agencies will be represented, including those related to correction services, community services, hospitals, mental health, elderly, and children.

While most agencies prefer volunteers who can make a commitment for several months, there are others who can use volunteers for a shorter period of time for a special project. Interested persons can call the Volunteer Bureau, 422-2048, at any time during the school year.

Sports . . . from the desk of Debi Woodford

Saint Mary's hosts basketball clinics

Saint Mary's University is hosting Basketball Development Clinics for girls and boys aged 6 to 18 on Saturday, October 2, 9, 16, and 23 in the Saint Mary's Gymnasium.

The Mini Basketball Clinic for youngsters aged 6 to 12 will run from 9:00 a.m. to 12:00 noon Saturday, and the Bantam, Midget, and Juvenile Clinic for youngsters 12 to 18 will run Saturday afternoons from 1:00 to 4:00 p.m. The fee is \$25.00 per player.

Huskies Head Coach Gary Heald, Associate Coach Rick Plato, and Assistants Bill Marshall and Hugh MacDonald have put together an exciting and complete basketball program for the young players who attend the 1982 clinics.

Coach Heald is entering his fourth season as Head Coach of the Basketball Huskies. The Huskies finished second in the nation in 1981-82 after a Canadian number one ranking on a 32-0 record. Heald was A.U.A.A. Coach of the Year in 1980 and 1982.

Coach Plato joins the Huskies for his second year. Former A.U.A.A. All-Star Plato was a five-

year veteran at guard for the Huskies and played on two national championship teams.

Coach MacDonald enters his third year with the Huskies. Over the past four years MacDonald has worked extensively with minor and juvenile basketball in the metro area, both as a coach and administrator. MacDonald begins his high school coaching career this year with the Fighting Irish at St. Patrick's High School in Halifax.

The newest member of the coaching staff this season is Bill Marshall. Marshall started at guard for Bryan College in Tennessee for two years.

Members of the varsity team will also be working on a one-to-one basis with the youngsters, offering individual instruction to provide the incentive for the players to improve their skills.

The price is right! Registration fee is only \$25.00 for 12 hours of instruction from the A.U.A.A. Coach of the Year and members of the 1982-83 Saint Mary's University Huskies.

Managers appointed to varsity teams

Robert Hayes, Director of Athletics and Recreation at Saint Mary's, announced that volunteer managers have been appointed to each of the varsity teams.

Dick Criddle, Executive Director of the Victoria General Hospital and a member of the Board for the Canadian Amateur Football Association, will manage the football team. He has had a number of years experience in sports administration in Quebec.

Adrian Cahill, Regional Manager of Employment Services for the Canadian Employment and Immigration Commission in Halifax, will become general manager of the soccer team. He has received a number of awards for sports in Nova Scotia and is a member of the 1983 Nova Scotia mission for the Canada winter games.

Mike Kelly, former Vice-President and Promotions Manager of the Nova Scotia Voyageurs, will manage the hockey team. He was an original member of the 1960s Halifax Junior Canadiens.

The men's basketball team will be under the management of Don Brown of A.G. Brown and Son. Mr. Brown is an enthusiastic basketball fan.

A general manager for women's field hockey and basketball will soon be appointed.

Field Hockey team meets stiff competition

The Saint Mary's University Varsity Women's Field Hockey Team opened their league schedule September 18, playing host to the Université de Moncton Blue Angels. The Saint Mary's win that day (1-0) turned out to be the only win in their first five league games as they lost to University of New Brunswick, Dalhousie, and twice to Memorial University of Newfoundland.

The 1982 Saint Mary's lineup returns eight veterans and introduces six rookies. Headlining the veterans is 1981 All-Conference player Annelie Vandenberg from Rothesay, New Brunswick who returns for her third year in Maroon & White threatening to lead all A.U.A.A. goalscorers this season. Team leader and captain Karen McKellár from Truro is in her senior year and her experience in the backfield will be vital to her team's success. Goaltender Margie Longley from Bridgewater will guard nets for her fourth season with confidence and tenacity.

Newcomers to this year's squad include St. Catherine's native Cindy Crosbie in nets, Dawn Bain from Yarmouth, and Kelly Richardson from Sackville, Nova Scotia. All three rookies will play an instrumental role in Saint Mary's 1982 campaign.

Head Coach Helen Castonguay begins her first year at the helm of the field hockey team while continuing her duties as head coach of the women's basketball squad. An accomplished field hockey player and umpire, Castonguay will provide the guidance her club needs in their bid for the A.U.A.A. championship.

Soccer Huskies make strong start

The Saint Mary's University Soccer Huskies began their schedule winning their first two matches. The Huskies, the defending Atlantic Champions, recorded wins over the University of Prince Edward Island Panthers and the St. Francis Xavier X-Men.

Huskies Head Coach Roy Clements feels his club can handle this season's competition with superior ballhandling and passing. The Santamarians will use their experienced backfield to deflect action from All-Conference goalkeeper Costa Elles. The 1982 defense is anchored by senior fullback Peter Wicha, and reinforced by senior Brett Clements,

sophomores Clark Hillaby and Byron MacPhee, and rookie Umberto Catalano.

Skilled veterans at midfield—All-Canadian Geoff Agostini, Steve Hart, and Alain Beaudoin—will attempt to break through opposition defense to set up scoring opportunities for the Huskies front three. Newcomers at the midfield position include Mark Smith and Angelo Cianfaglione.

The forward line boasts All-Canadians Ross Webb and Jim Sidey, and sophomore Steve Cahill. Joining the firing squad this year are freshmen Alan Gray and Myron Piper.

Sports schedules

Soccer

Sun, Oct 17	Saint Mary's at UNB	1:00 p.m.
Tues, Oct 19	Saint Mary's at Dal	4:00 p.m.
Fri, Oct 22	St. F.X. at Saint Mary's	4:00 p.m.

Sun, Oct 24	Acadia at Saint Mary's	2:00 p.m.
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Oct 30-31	AUAA Championship	
Sat, Nov 6	CIAU Semi-finals	
Sat, Nov 13	CIAU Championship	

Field Hockey

Fri, Oct 15	Saint Mary's at Mt. A.	4:00 p.m.
Sat, Oct 16	Saint Mary's at UPEI	1:00 p.m.
Wed, Oct 20	Acadia at Saint Mary's	4:00 p.m.
Oct 30-31	AUAA Championship	
Nov 5-7	CIAU Championship (University of Calgary)	

Football

Sat, Oct 16	Saint Mary's at Mt. A.	2:00 p.m.
Sat, Oct 23	Saint Mary's at St. F.X.	2:00 p.m.
Sat, Oct 30	Mt. A. at Saint Mary's	2:00 p.m.
Sat, Nov 6	AUAA Championship	
Sat, Nov 13	Atlantic Bowl (Saint Mary's)	
Sat, Nov 20	Vanier Cup (Toronto)	

Schedules

ART GALLERY

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

BOOKSTORE

Monday to Friday 9:00 a.m. - 4:30 p.m.
Wednesday 9:00 a.m. - 7:30 p.m.

CONTINUING EDUCATION

Mon., Wed., Fri. 9:00 a.m. - 5:00 p.m.
Tues, Thurs. 9:00 a.m. - 7:00 p.m.

LIBRARY HOURS

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

GORSEBROOK LOUNGE

Monday to Wednesday 4:00 p.m. - 12 midnight
Thursday to Saturday 4:00 p.m. - 1:00 a.m.

BURKE-GAFFNEY OBSERVATORY

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

RELIGIOUS SERVICES

University Mass
Sunday 7:00 p.m. Canadian Martyrs' Church
Weekday Mass
Monday, Wednesday and Friday 12:30 p.m.
Liturgical Centre L 145
Tuesday and Thursday 6:30 p.m.
Liturgical Centre L 145

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

Chaplain
Father John Mills
L 200, ext. 219 or 220 or 422-2223

ROYAL BANK

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

FOOD SERVICE HOURS

Residence Cafeteria
Monday to Friday
Breakfast 7:30 a.m. - 9:30 a.m.
Lunch 11:30 a.m. - 1:30 p.m.
Dinner 4:30 p.m. - 6:30 p.m.
(6:15 p.m. on Fridays)
Saturday and Sunday
Brunch 11:30 a.m. - 1:30 p.m.
Dinner 4:30 p.m. - 6:15 p.m.

Private Dining Room

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

Faculty Lounge

Monday to Friday 8:00 a.m. - 4:00 p.m.

Student Cafeteria

Monday to Thursday 8:00 a.m. - 6:00 p.m.
Friday 8:00 a.m. - 6:30 p.m.

Coffeehouse, Loyola Building

Sunday to Thursday 8:30 p.m. - 12 midnight
Friday and Saturday 10:30 p.m. - 2:30 a.m.

Mini Mart, Loyola Building

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

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Editor - Liz Stevens

Saint Mary's finances: cutbacks and mixed blessings

by Susan Murray

The rethinking on cutbacks first proposed by the Nova Scotia government and the surprising 19% increase in student enrolment will enable staff at Saint Mary's University to breathe a sigh of relief, at least for this year.

Dr. Kenneth Ozmon, president of the University, says there is no longer any need to contemplate any cuts in staff or courses this fiscal year because of the reprieve from government and the unexpected jump in the number of first-year students.

"I'm grateful for a bit of a respite from what would have been a disastrous cut," says Dr. Ozmon.

Late in August, the Department of Education announced it was eliminating all funding for the alteration, renovation and non-space projects. This would have sliced \$493,000 from Saint Mary's budget for this fiscal year, and a total of 4.5 million dollars from Nova Scotia universities, raising fears that staff and programs would be reduced.

However the Nova Scotia cabinet reconsidered the move in September after an outcry from universities, led by Dr. Ozmon, who is also president of the Council of Nova Scotia University Presidents.

Dr. Ozmon had complained it was unfair to withdraw money five months into the fiscal year when much of the money had already been spent for repairs, alterations and teaching equipment.

The matter was eventually referred to the Maritime Provinces Higher Education

Commission and the cabinet agreed with the recommendations of the MPHEC to only shave one million dollars, or about 20% of the money in the non-space capital budget.

"It's still a cut and it still hurts," says Dr. Ozmon, "but it will now mean only a cutback of about \$89,000 instead of nearly half a million, and that has been partially offset by our higher enrolment."

About 450 additional full-time students have enrolled at Saint Mary's this year over last, and this represents some additional revenue for the University.

"However, this is a mixed blessing," he says. "We've also had to set up new sections of courses and hire some part-time staff."

Dr. Ozmon also says the residence at Saint Mary's is in the unusual position of being full, so this will also add to the University's revenue.

Though the financial picture now looks a little brighter, the president is warning that Saint Mary's is not yet "out of the woods".

For one thing, the Nova Scotia government is also holding back an additional one million dollars from post-secondary institutions until the next fiscal year to help the Province's cash flow problems.

Dr. Ozmon says the government has stated the money will eventually be paid, but the universities will have to pay the carrying charges.

In the spring, all post-secondary institutions in Nova Scotia were disappointed to learn that the province did not intend to accept the recommendation of the MPHEC to increase funding for universities this year by 16%. Instead, the government agreed to increase its grant to Saint Mary's by 10-1/2%. Universities were already warning this might mean they would have to hold larger classes, drop courses, not fill vacant positions and reduce non-teaching areas such as libraries, cleaning and maintenance.

The amount of federal funding also seems in jeopardy as this year the Secretary of State, Gerald Regan, served notice that Ottawa was trying to reduce the percentage of university budgets now coming from federal coffers.

"We're all prepared for hard economic times and I don't think universities are exempt from that," says Dr. Ozmon.

The president has often stated fears that continued cutbacks will eventually affect the quality of post-secondary education.

A spokesman for the Department of Education says it is entirely up to each university to decide how to deal with their reduced budgets.

Dr. Ozmon says that the increase enrolment will help to offset the effects of the cutbacks. "However," he says, "chronic underfunding still continues to plague the University."

Susan Murray is a free-lance writer.

Enrolment . . . the highest ever

Summertime predictions of enrolment increases this fall have been fulfilled.

Dr. Kenneth Ozmon, President, reports that preliminary enrolment figures show that it is the highest it has been in the University's history.

"Right now," he says, "we have a 17 per cent increase over last year, which means we have a total full-time student count of over 2,700; that is 400 more students than last year and 100 more than the previous record high of 2,564, set in 1972.

Enrolment in the Faculty of Commerce has been increasing steadily for the past ten years; however, there are significant increases in the Faculties of Arts and Science.

"The renewed interest in our arts and science programs," says Dr. Ozmon, "represents, I hope, an appreciation of the high quality of our offerings in those areas.

"I also feel that students are returning to a recognition of the important role of the arts and sciences in intellectual development.

"We have been stressing the value of a liberal education for years; perhaps students are beginning to believe us."

About the general increase in enrolment, Dr. Ozmon says, "I don't believe anyone can explain the size of the increase adequately. Some feel that lack of jobs is contributing to it. My own feeling is that people see education as a good investment in their future and not just in monetary terms."



"Ryan's Fancy on Campus", a popular CBC television program, will feature the trio on Saint Mary's campus, Saturday night, at 8:30 p.m., October 9.

The program was taped in the Theatre Auditorium before a live audience and will feature Peggy Quinn and the Dixie-Tech Seven, and a Saint Mary's student, Blair Jerrett.

Denis Ryan will sing a favourite song of Father Hennessey's, "Rose of Moncoin", and dedicate it to his memory.

During the next few months the trio will visit various campuses throughout the Maritimes.

Watch for "Ryan's Fancy on Campus at Saint Mary's", October 9, at 8:30 p.m.

Saint Mary's professor to teach in China



Dr. Kay Tudor

China, land of mystery, will mark a new chapter in the life of Dr. Kay Tudor of the English Department at Saint Mary's University.

Dr. Tudor beamed as she spoke of her year in China. "It will be quite an experience," she said, "a little hard on the pocket book but when the opportunity arose I couldn't say no."

She has been invited by the Shandong Teachers' University to teach English language and literature to students and teachers at the University. The Chinese want to know more about North American teaching methods and to upgrade the English of university teachers.

"What will be interesting," said Dr. Tudor, "will be the contrast in teaching methods and the contact with Chinese students."

The University, located in the city of Jinan, 250 miles south-east of Peking, is the largest of three teachers' colleges in the province of

Shandong. The University trains teachers for provincial lower and middle schools. Shandong province, alone, has a population of 80 million, more than three times that of Canada.

Dr. Tudor will be spending a few days vacation and orientation in Peking before travelling to Jinan. At the University she will be housed in a hostelry for "foreign experts", other non-Chinese lecturers, and she will be a faculty member of the foreign languages department, which trains teachers in English, Japanese and Russian.

Although Dr. Tudor does not speak any of the Chinese dialects, she expects most of her students will have a fluency in English. Her schedule will be hectic, though: she will be expected to teach 16 to 22 periods a week and be available for counselling for another six hours. However, her lot will be easier than that of her Chinese colleagues. They work a six day week, 11 months a year. In addition to all the problems associated with being plunged into another society, Dr. Tudor expects to find few available teaching aids. "There is a shortage of books in China," she explained. "I may have to find or make my own teaching materials."

Off-campus, Dr. Tudor will be provided with an interpreter, a student at the University who will help her with everyday matters such as opening a bank account and who will travel with her on vacations. The job of interpreter is prized among the students. It helps them perfect their English and also learn more about North American culture.

Saint Mary's has an informal arrangement with the Shandong Teachers' University. Wang Xuding, a lecturer at the University, was the first Chinese student to study at Saint Mary's, and a second student is scheduled to arrive in the near future. Dr. Tudor is the first professor from Saint Mary's invited to teach at the University. Both institutes hope that more exchanges will occur in future years.

"The two institutes are involved in developing a special relationship to encourage student exchanges," noted Dr. Tudor. She added that in the future it is hoped that some Saint Mary's students studying Chinese language and culture will be offered exchanges. "An introductory Chinese language course would be sufficient for a student to study in China," she concluded.

Dr. Tudor has been teaching English at Saint Mary's since earning her doctorate from the University of Toronto. Before that she taught in the public school system for 16 years. Although she teaches a cross-section of English courses, her speciality is the Canadian novel and short stories.

She has been writing short stories and novels since 1978.

"I've been writing off and on over the years," she admitted, "but was too involved in academic work to attack it seriously."

In 1978 she won the Writers' Federation of Nova Scotia's first prize for an unpublished full-length novel. Since then she has had a number of short stories published in the *Antigonish Review*, *Pottersfield Portfolio* and the *Atlantic Canada Institute Newsletter*. Last year she took a year's leave of absence to spend time concentrating on her writings, with the financial support of a Canada Council Exploration Grant.

She spent the year at her family home in Pleasantville, Shelburne County. Her father was a fisherman and most of her literary works evoke the atmosphere of Maritime fishing villages. Her husband, a teacher for 20 years, left the profession to turn to boat building in Pleasantville.

Dr. Tudor admitted that next year will not be a time to pursue her literary career but a time to experience something new. "After that," she contends, "I am determined to work on my short stories and novels."

Noteworthy Notes

DR. JOHN CHADWICK-JONES (Psychology) was elected to a Visiting Fellowship at Clare Hall, University of Cambridge, England for the summer term of 1982. While at Cambridge, he collaborated with Dr. Robert Hinde, Royal Society Research Professor and Director of the Medical Research Council Unit for the Development and Integration of Behaviour at the University of Cambridge. Further joint work is planned on the applications of sociobiology to human social behaviour and Dr. Chadwick-Jones is engaged in the formation of a Sociobiology Study Group in Canadian universities.

DR. CHADWICK-JONES' recent book, *Social Psychology of Absenteeism*, was published by Praeger of New York in May 1982. This is a research study involving 6,450 employees in 21 organizations, including three Halifax banks and two Halifax hospitals.

DR. CHADWICK-JONES also chaired a symposium on "Research on Absenteeism" at the 20th International Congress of Applied Psychology in Edinburgh, Scotland, in July 1982. He presented a paper on the topic.

Last February, DR. CHADWICK-JONES began a research program on the life-styles of elderly residents in the south end of Halifax and is currently interviewing residents over 65. Some of the older residents of the area are on an advisory panel for this research project and Dr. Chadwick-Jones is being assisted by the Senior Citizen's Secretariat in Halifax.

DR. THEODORE B. CIUCIURA (Political Science) participated in a symposium on "Polish Dissent and the non-Russian republics of the Soviet Union" at the Ukrainian Free University in Munich, West Germany, July 1982.

DR. ROMAN NAHREBECKY (Modern Languages) presented a paper on "The Role of German Language and German Community in the Multi-lingual Austrian Kronland of Bukovina, 1775-1918", in collaboration with DR. THEODORE B. CIUCIURA (Political Science), to the Central and East European Studies Association of Canada at the Learned Societies Conference in Ottawa, June 8, 1982.

DR. A. ROJO (Biology) was interviewed by YA of Madrid, one of Spain's largest newspapers, regarding university research in Canada.

DR. ROJO signed a contract last May with H. Blume publishers of Spain to write a *Treatise of Ichthyology* in Spanish. The book will be published in May 1983.

Faculty Publications

JOHN CHADWICK-JONES (Psychology), *Social Psychology of Absenteeism*. New York: Praeger, 1982.

BRIJ M. KAPOOR (Biology) and Shirley Ramcharitar, "IOPB Chromosome number reports LXXVI", *Taxon (Journal of the International Association for Plant Taxonomy)* Vol. 31 (3), August 1982, pp 596-597.

A. ROJO (Biology), "The morphology of the fish otoliths", *IBERICA*, Vol. 228, December 1981, pp 413-417.

RICHARD SPARKMAN (Marketing), Shelby Hunt and John Wilcox, "The Pretest in Survey Research: Issues and Preliminary Findings", *Journal of Marketing Research*, May 1982.

A. Veysi Baki and KEITH VAUGHAN (Chemistry), "Functional-Group Modifications of Dextran for Linkage to a Diazonium Group. A Potential Vehicle for Tumour Targeting of Antineoplastic Triazines", *Carbohydrate Research*, 105 (1982), pp 57-68.

DR. RICHARD SPARKMAN (Marketing) produced a critique of *Food Prices Survey, Final Report* for the Nova Scotia Department of Corporate Affairs. This report was the basis for a major advertising campaign.

LIZ STEVENS (Director of Information and Public Relations) attended a Council for the Advancement and Support of Education (CASE) International Assembly in Toronto recently. She was the moderator of a panel on "Institutional Relations" that also included Arthur Ciervo, Pennsylvania State University; Ron Nief, Middlebury College, and Murray Campbell, *The Globe and Mail*.

DR. DONALD WEEREN (Faculty of Education) has been named associate editor of *Ethics in Education*, a publication aimed at assisting teachers in their role as moral educators.

Student Cafeteria officially opened



The cafeteria in the O'Donnell-Hennessey Student Center was officially opened on Monday, September 20.

Although it has been in use for some time, the cafeteria was renovated recently. The stylish new decor—light-coloured natural wood, plants, and enclosed eating areas—makes it a nice place to have lunch.

Mr. Garry C. Knox, Vice President and General Manager of Saga Foods, and Saint Mary's President, Dr. Ken Ozmon, were on hand to cut the ribbon.

"Law and Morality" subject of distinguished speaker

"Law and Morality" is the title of a public lecture to be delivered by George Anastaplo at 8 p.m., Thursday, October 28 in Theatre "A", Burke Education Centre, Saint Mary's University.

George Anastaplo is a leading thinker and writer on the relationship between morality and law. He is also a person who has made a signal contribution to constitutional thought both by his personal defence of civil rights and by his distinguished works of legal scholarship.

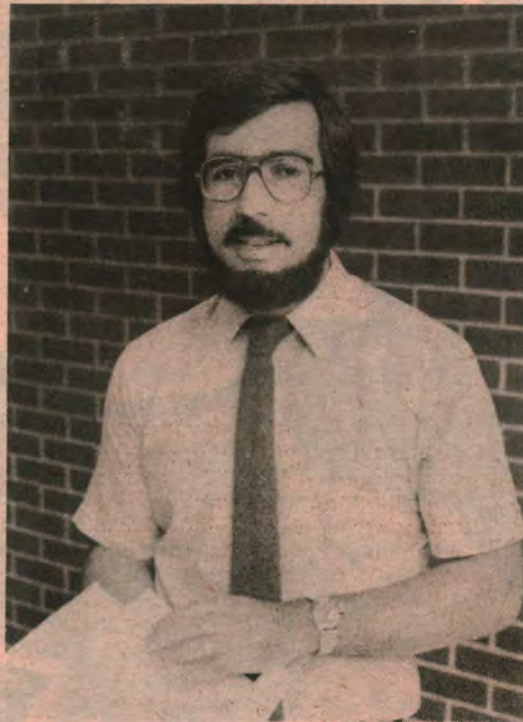
After service in the U.S. Airforce in World War II as a navigator, Dr. Anastaplo studied at the University of Chicago and graduated first in his class from its Law School. It was the McCarthy era and his troubles began with a routine interview for admission to the Illinois bar. His answers to questions about the possibility of rightful revolution so troubled the committee that he was asked if he was a Communist. He refused to answer on the grounds that the question was an infringement of his civil rights and was denied admission to the bar. Dr. Anastaplo appealed to the Illinois supreme court but lost by a vote of 7-0. He reapplied in 1958, was again voted down and on a second appeal to the Illinois supreme court he again lost, this time by a 4-3 vote. Anastaplo then took his case to the U.S. Supreme Court and there, despite the magnificent dissenting opinions of Justice Hugo L. Black, was defeated by a vote of 5-4.

Dr. Anastaplo then returned to the University of Chicago where he obtained a Ph.D. in Political Philosophy. In 1964 he was appointed to the faculty of Rosary College, Chicago where he still teaches. He also holds the appointments of Visiting Professor of Law in the Loyola University of Chicago and Lecturer in the Liberal Arts, University of Chicago. Among his many publications are *The Constitutionalist: Notes on the First Amendment* (Southern Methodist University Press, 1971), *Human Being and Citizen: Essays on Virtue, Freedom and the Common Good* (Swallow Press, 1975), and *The Artist as Thinker: From Shakespeare to Joyce* (Ohio University Press, 1982).

George Anastaplo's continuing defence of civil rights, in and out of season, has resulted in his expulsion both from the Greece of the Colonels and the Soviet Union. As he himself says, "Any man who has been kicked out of Russia, Greece and the Illinois bar can't be all bad."

Dr. Anastaplo's lecture is sponsored by the Institute of Human Values at Saint Mary's University.

Gorsebrook research director appointed



Dr. Anthony Winson

Dr. Anthony Winson has been appointed Research Director of the recently established Gorsebrook Institute, a resource and research centre designed to complement and enhance Saint Mary's Atlantic Canada Studies program.

Dr. Winson, whose appointment became effective in September, earned his Bachelor of Arts with Honours degree in sociology from the University of Western Ontario. In 1981 he received his Ph.D. from the University of Toronto, specializing in comparative economic development and rural sociology. He has been awarded doctoral fellowships from the Canada Council and a post doctoral fellowship from the Social Sciences and Humanities Research Council of Canada.

He has articles published or forthcoming in academic journals such as *Comparative Studies in Society and History*, *Economy and Society* and *Latin American Perspectives*. His current research interests include the comparative development of Maritime and Central Canadian agriculture and the sociology of primary commodity production.

He explains that the Gorsebrook Institute of Saint Mary's University is intended to foster co-operative research on Atlantic Canada, to help scholars obtain funding for this research and to serve as a resource centre for students and for the community.

Atlantic Research Lab celebrates anniversary

The Atlantic Research Laboratory, part of the National Research Council, celebrates its thirtieth anniversary next week with an Open House on October 15-16. At the Open House the public will meet and talk with scientists and technical staff, view audiovisual presentations and see working models.

When ARL first opened in 1952, E.W. Steacie, then President of the National Research Council, promised that the Lab, at 1411 Oxford St., would devote itself to research in areas that were of particular interest to the Maritime provinces. More specifically the work of the Lab would try to aid the Atlantic economy.

True to this mandate, members of the scientific staff are currently working on projects with various companies and government agencies like the Cape Breton Development Corporation, Acadian Seaplants, and the Atlantic Oceanics Company.

ARL scientists are finding why sheep fail to thrive in the Atlantic region, if fiddleheads can be produced as a cash crop, how better steel rails can be made, ways Atlantic coal can be improved, and how seaweed can be used industrially.

Beginning the anniversary celebrations will be a lecture by Dr. Karl Doetsch, leader of the CANADARM project. Dr. Doetsch, of the National Aeronautical Establishment, of the National Research Council in Ottawa, has received world acclaim for his work with CANADARM and the space flights. His speech will be entitled "CANADARM—A Canadian Technological Success". The lecture will begin at 8 p.m., on October 13, in Theatre "A", Burke Education Centre, Saint Mary's University and is sponsored by the A.C. Neish Memorial Trust.

On Thursday and Friday, October 14 and 15, high school students from Halifax and the surrounding areas will tour the laboratory. Friday, October 15 from 6 to 9 p.m. the general public may go through the laboratory and again on Saturday, October 16 from 10 a.m. to 4 p.m.

Research projects at the Atlantic Research Laboratory are conducted by "multi-disciplinary" groups with organic chemists working side by side with biologists and biochemists. These working groups include specialists in biophysics, microbiology, lichenology, high temperature chemistry, analytical chemistry, and the chemistry, biology, and genetics of marine plants.

The laboratory on Oxford St. is virtually self-sufficient with its own library, glass-blowing shop, and liquid nitrogen plant. The building also houses the Atlantic Regional Station for Building Research. It is also the home of the Nova Scotia Herbarium. The Atlantic Research Laboratory operates a seaweed culture station at Sandy Cove near Ketch Harbour. This field station has extensive outdoor and indoor facilities for cultivation of marine plants but will not be open to the public during the Open House celebrations.

Active co-operation between ARL scientists and other institutions in the Maritimes is an essential feature of the laboratory's operations. Certain phases of their work is done in co-operation with the staff of other government laboratories and universities including Dalhousie University. Graduate students conduct research in the lab under supervision of staff members who in turn hold honorary teaching posts at Dalhousie, Acadia or other Maritime universities.

The staff at ARL are preparing many interesting displays for Open House to illustrate their research projects and are looking forward to explaining their work to the visiting public.



Operation Blitz takes place Friday, October 15. The one-day student campaign is part of the United Way appeal and is aimed at small businesses in the local area.

Students will canvass 600 businesses, hoping to raise \$15,000 of the \$1.78 million United Way target. It will be a challenge to students in light of the difficult economic times but training is provided and they see it as an opportunity to meet people in the business community.

Two of the Saint Mary's student organizers, seen above, are Susan Falconer (left) and Deborah Cochran.

Don't forget . . .

. . . to renew your I.D.

I.D. photographs will be taken in the Library, beginning October 4, 1982. The hours are as follows: Mondays 2 - 5 p.m.; Tuesdays 7 - 9 p.m.

Students study interstellar mysteries

While many university students pounded the pavements, looking for summer jobs, or lay on the beach, soaking up the sun's rays, four physics majors at Saint Mary's University were delving into cometary comae, pinning down the rhythmic cycle of a variable star, or peering into interstellar clouds.

The four, Jennifer Wells, Laurie Burgoyne, Bill Allwright and Leonard Maclsaac, worked with faculty members of the Astronomy Department on a number of projects, aided with funding from the Natural Sciences and Engineering Research Council (NSERC).

Jennifer Wells, a third-year honours physics student from Bridgewater, helped Dr. George Mitchell analyze chemical reactions in cometary comae. They wanted to know how and why a comet changes its physical composition as it approaches the sun.

"Comets," explained Ms. Wells, "are made of the material from which the solar system evolved—primordial matter as old as the universe. An understanding of their physical make-up may help astronomers understand the birth of the solar system."

She went on to say that beyond the solar system, some 50,000 astronomical units from the sun, is a giant cloud of comets known as the Oort cloud, after its discoverer, Jan Oort. (One astronomical unit is the distance from the earth to the sun, about 1.5 million kilometers.) A star passing close enough to the Oort cloud to affect its stability may dislodge a comet and send it hurtling towards the sun. As the comet passes the orbit of Jupiter, the effects of solar wind cause the comet to evaporate, releasing ions and becoming active, thus making it detectable on earth. Many comets, such as Halley's, become trapped in the solar system, repeating their orbit around the sun.

Laurie Burgoyne of Moncton, New Brunswick, was one credit short of her Bachelor of Science degree in physics. This fall she is enrolling in the Master of Science in Astronomy program at Saint Mary's.

During the summer she helped Dr. David DuPuy pin down the light curve of a variable star, known simply as HR 5960. "A variable star," she explained, "is one with a periodic shift in brightness." She added that there are many types. HR 5960 is a Delta-Scuti star, one that brightens and fades within fractions of an hour. Others, such as RV Tauri stars, vary in brightness with periods extending 30 to 150 days.

Analyzing data from observations made in Arizona, Dr. DuPuy and Ms. Burgoyne were attempting to catalogue how often this star brightens and explain why. They have had difficulty pinning down its cycle, a possible indication, says Ms. Burgoyne, of an unstable star.

Bill Allwright of Halifax was working on a project on RV Tauri stars, those with long periods of varying brightness, begun the previous summer with Dr. DuPuy. The project, involving six stars within the Milky Way Galaxy, requires analyzing data gathered during the summer of 1980 and reducing this data to graphic illustrations. This research is being written as a paper for publication, with Mr. Allwright listed as co-author.

He also worked with Dr. DuPuy on the photoelectric photometry (a means of measuring the brightness of a star) of RV Tauri and other types of variable stars, using the Saint Mary's



Saint Mary's Astronomy students (standing, left to right) Laurie Burgoyne, Bill Allwright, Jennifer Wells, and (seated) Leonard Maclsaac.

University reflecting telescope. Then he did research on photographic photometry of star clusters, the measuring of the brightness of star cluster members by analyzing photographic plates. This process enables astronomers to determine the age, size and distance of a cluster. Mr. Allwright and Dr. DuPuy looked at clusters within the spiral arms of the Milky Way Galaxy.

"Astronomers theorize," explained Mr. Allwright, "that stars in the spiral arms are younger than those at the core of the galaxy. Many in the outer reaches of the Milky Way are second or third generation stars, as is our sun." He added that the sun, only five billion years old and half way through its life cycle, is much younger than the universe, some 15 to 20 billion years old.

Leonard Maclsaac of Dartmouth, the last student to join the group, had just completed his first year at Saint Mary's.

He was helping Dr. George Mitchell with research on interstellar clouds. These cosmic clouds, composed of gas and dust accumulated

from many sources including super nova explosions and remnants of the "big bang", are gigantic. They may stretch anywhere from the breadth of our solar system to a number of light years in diameter, according to Mr. Maclsaac, yet the particles of dust in them are as fine as the dust in the smoke of a burning cigarette. Interstellar dust, he added, pervades the universe. More than a tonne of it rains down on earth every year.

"It's so fine that we've all eaten cosmic dust but don't know it," said Mr. Maclsaac.

Dr. Mitchell is interested in calculating the effects of a shock wave passing through an interstellar cloud of some initial temperature, density and composition. A shock wave passing through the cloud would compress the gases, causing chemical changes. Thus, analysis of the composition of an interstellar cloud may indicate the presence of a shock wave. These waves, explained Mr. Maclsaac, may be set off by super nova explosions.

All four students want to become astronomers and hope to complete Master of Science degrees in Astronomy before proceeding to doctoral studies at the University of Toronto. Laurie Burgoyne and Bill Allwright plan on careers in academic research and teaching; Jennifer Wells has her sights set on working for NASA; Leonard Maclsaac, after only a year of university, is still undecided.

Nova Scotia Institute of Science Fall Lecture Program

... the next talk will be ...

"Microbial Processes at Deep Sea Hydrothermal Vents"

by Dr. Helgar Jannash
of the Woods Hole
Oceanographic Institute

8 p.m., Monday, November 1
Lecture Hall,
Nova Scotia Museum
Summer Street, Halifax

Group Equity Values

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

9 June 1982	—	768.39
16 June 1982	—	768.38
23 June 1982	—	746.90
29 June 1982	—	752.08
6 July 1982	—	745.65
13 July 1982	—	--
21 July 1982	—	767.54
28 July 1982	—	780.64
6 Aug 1982	—	770.79
11 Aug 1982	—	769.48
18 Aug 1982	—	--
25 Aug 1982	—	805.24
1 Sept 1982	—	832.28
9 Sept 1982	—	856.95



The winner of the Award of Merit for 1981-82 from Digital Equipment of Canada, Ltd. is Felicia Cheng. The award, given this year for the first time, recognizes Ms. Cheng's achievement of highest overall average in the mainstream introductory computer science course at Saint Mary's. With Ms. Cheng at the presentation are Dr. Ron Cosper, Chairman of the Senate Scholarship Committee (left) and Dr. Bert Hartnell, Chairman of the Mathematics Department.

Our World in the 80s —Global Alliances

A Thursday noon-hour discussion series
at the
Halifax City Regional Library
5381 Spring Garden Road

October 7 - November 4
12 noon - 1 p.m.

- October 7 **Canada's role in the international community** with **Arthur Andrew**, Kings College; former Canadian Ambassador to Greece
- October 14 **The United Nations and its agencies** with **Michael Clarke**; former director of the United Nations information centre in Tokyo
- October 21 **World monetary systems** with **Ian McAllister**, Economics Department, Dalhousie University
- October 28 **Eastern military alliances** with **David Jones**, Russian Micro Project, Dalhousie University
- November 4 **Western military alliances** with **Captain John Slade**, Deputy Chief of Staff Plans, Maritime Command

Co-sponsored by the **International Education Centre**, Saint Mary's University and the **Halifax City Regional Library**.

Notes from AUCC . . .

Canadian Science News Service Launched

A Canadian science news service is being launched this fall funded by the Social Science and Humanities Research Council and the Natural Sciences and Engineering Research Council. The service will distribute stories about scientific developments in Canada to weekly newspapers. John Holt has been named managing editor and freelance writer Lydia Dotto is associated with the service. Enquiries should be addressed to Canadian Science News Service, Room 255, Winters College, York University, Downsview, Ontario M3J 2R3.

Banks Cut Student Loan Services

The Canadian Federation of Students has protested cost-cutting moves by major Canadian banks. The Toronto-Dominion Bank announced in January a ceiling of 10% on the increase in the total amount of money allocated this year for Canada Student Loans, with preference being given to students who had previously held loans with the bank. The Canadian Imperial Bank of Commerce has placed a 15% limit on the increase in the total amount of money available for student loans this year. The Bank of Montreal has designated one bank in each city to handle all student loans; including a limit of one bank offering student loans services in Vancouver and one in Toronto. Most banks are enforcing policies allowing loans only to customers who have dealt with the bank for a minimum of six months and prohibiting the transfer of loans from another bank.

Secretary of State Gerald Regan, whose department is responsible for the Canada Student Loans Program, in a meeting August 11 with student representatives, guaranteed that no student would be denied access to post-secondary education this fall as a result of cuts in student banking services. He is meeting with the chairman of the Canadian Banking Association in September to try to clarify the situation.

Up-Coming Events at the International Education Centre

October 15: **World Food Day Programme for Secondary School Students: Who Pays? Who Profits?**
10:00 a.m.—Keynote Speaker—**Pat Mooney**, author of the book *Seeds of the Earth—A Private or Public Resource*
11:30 a.m. - 12:15 p.m. and 1:15 p.m. - 2:00 p.m.—Workshops
-Aid Experts—The Introduction of New Technologies
-Appropriate Technologies
-World's Apart? Tanzania and Nova Scotia
-Pesticides and Food—Different Interests, Different Perspectives
-Who Pays? Who Profits?
(all sessions in the Burke Education Centre)

World Food Day Public Lecture
7:30 p.m.—**Pat Mooney**, author, agriculturalist, development worker and teacher will speak on the **Politics of Seeds**; Theatre B, Burke Education Centre

October 26: 8:00 p.m.—**Dr. Linus Pauling**, Nobel prize winner for Chemistry and for Peace will speak on **"Global Perspectives of the Peace Movement"**
Theatre Auditorium

"Literary Criticism and the Discipline of Children's Books"

a lecture by

Dr. Peter Hunt

University of Wales Institute of Science and Technology

will be given

Wednesday, October 27
at 8 p.m.
in the **Faculty Lounge, fifth floor north wing McNally Building**
Saint Mary's University

A reception will follow the lecture

New assistant director of the I.E.C. appointed



Margaret Macdonald

Margaret Macdonald has been appointed Assistant Director of the International Education Centre, effective September 1982. She replaces Mary Boyd, who has joined the Department of External Affairs in Ottawa.

Ms. Macdonald graduated with an honours Bachelor of Arts degree in Sociology from the University of Toronto and then went to work in Papua, New Guinea, as a student counsellor and English tutor.

In 1973 she returned to Canada to work for the Canadian University Services Overseas (CUSO) in Ottawa. She then entered graduate school at the University of Manitoba and worked towards a Master of Science degree in family studies, graduating in 1978.

Immediately on completion of her Master's degree, Ms. Macdonald went to the Sudan to work, first as a survey and evaluation officer for the African Medical Foundation and then as an administrative assistant for the Voluntary Service Overseas.

In 1981 she returned to Canada and, early in 1982, accepted a position as New Brunswick representative of CUSO.

She has held a number of positions on various CUSO committees over the years, including chairperson of the Fredericton fund raising Committee (1981-1982). She also participated in the Operation Crossroads Africa program in Nigeria in 1968.



The Patrick Power Library has been providing Library Instruction Sessions to a variety of Saint Mary's classes. Above, Jane Archibald (third from left) of the Library, speaks to a Management class about making the best use of Library services.

Art Gallery News

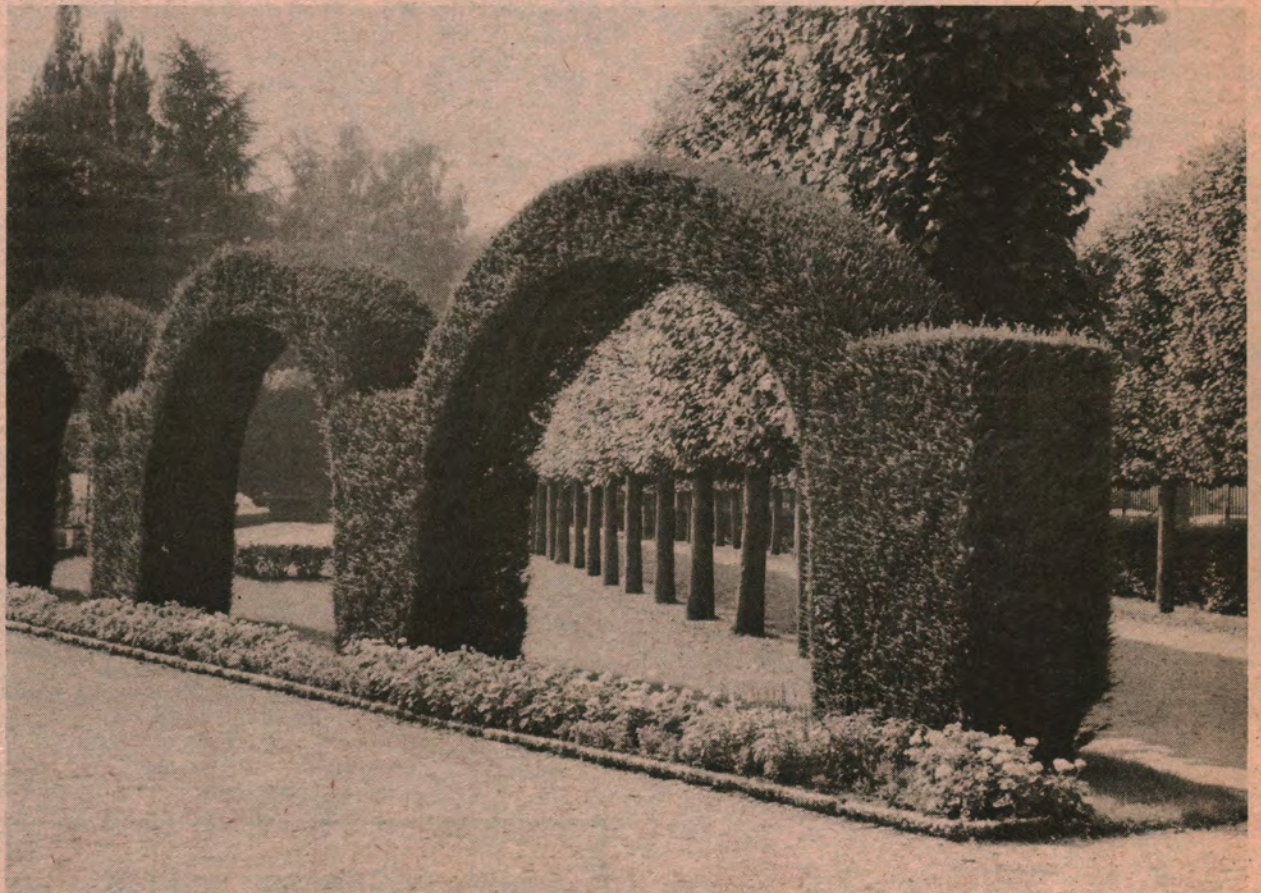
At the Saint Mary's University Art Gallery

Images East, a collection of photographs, will open in the main Art Gallery on Thursday, October 14. A reception, which is open to the general public, will be held at 8:00 p.m. Some of the photographers will be there to discuss their works. All eight photographers, seven women and one man, received formal training in photography at the Nova Scotia College of Art and Design.

Images East

Photographs by: Marilynne Bell
 Renate Deppe
 Elizabeth Cunningham Gildford
 Linda Ligas
 Jo Novak
 Michel Sarrouy
 Helen Sinclair
 Julie Anne Schwartz

Opens at the Saint Mary's University Art Gallery on Thursday, October 14 at 8:00 p.m.



"Jardin des Pres Fichaux, Bourges" by Michel Sarrouy, part of the *Images East* exhibition opening at the Saint Mary's University Art Gallery, Thursday, October 14 at 8 p.m.

Lunch with ART

(Fridays at 12:30; free admission)

- | | | |
|-----------------|----|---|
| October | 15 | Film: "The Time Machine"—the history of photography. |
| | 22 | Modern Dance: Zelda la Paix |
| | 29 | Solo Show: David Jaggard, piano & tapes |
| November | 5 | The Deaf Gypsy Mime Company |
| | 12 | Performance Art: Ellen Pierce |
| | 19 | Recital: Norma Lee Bisha, viola and Monique Gusset, piano |
| | 26 | Canada East Winds: chamber music for woodwind quintet |

Evening Concerts

(8:00 p.m., in the Art Gallery)

- | | | |
|-----------------|----|---|
| October | 27 | Classical music with Matt Hughes playing a Fortepiano, an authentic 1840 Broadwood. |
| November | 23 | Recital: Elvira Gonella, mezzo soprano |
| December | 13 | Bach Cantatas: Judith Wright, soprano, with chamber ensemble. |

Come one, come all

Have too many summer barbeques, too many ice cream sundaes made you a little less lithe than you would like to be? Do you find yourself somewhat breathless as you reach the Faculty Lounge for your morning coffee?

Now is the time to do something about it. A fitness class is being held in the Saint Mary's gymnasium Monday, Wednesday and Friday from 12:10 to 12:40 p.m. As a professional instructor has been hired to teach the class, there is a fee, the amount dependent on the number of participants. So, bring a friend.

For further information, please call Peggy Wiseman in the Student Centre at extension 229.



The \$2000 Xerox of Canada Ltd. Fellowship has been won this year by Paul Merzetti of Rothesay, New Brunswick. The annual award, established in 1977, is open to MBA students at Saint Mary's University, and selection is by the Graduate Awards Committee.

At the presentation were: (left to right) Dr. Ozmon, President of Saint Mary's; Mr. Steve Brecher, Atlantic Branch Manager for Xerox; Mr. Merzetti; and Dr. T.P. Hari Das, Director, MBA Program.

"Law and Morality"

A public lecture by

George Anastaplo

distinguished civil rights advocate and legal thinker

will be presented

Thursday, October 28
 8 p.m.

Theatre "A"
 Burke Education Centre
 Saint Mary's University

Sponsored by the Institute of Human Values,
 Saint Mary's University

Raffle winners

The World University Service of Canada (WUSC) Saint Mary's University Local Committee held a raffle in September to raise funds for its refugee student sponsorship program. A number of Halifax businesses donated prizes for the raffle and most of the tickets were sold on the Saint Mary's campus.

The top prize, a year's membership to Dalplex, was won by William Bridgeo of the Chemistry Department. Gillian Thomas of the English Department won a three-month membership to the Halifax YMCA. Dinners-for-two at Privateers' Warehouse Upper Deck and La Scala Restaurant were won by Arthur Monahan and David Pigot, respectively. The La Scala dinner was donated by the Caribbean Information Group. Two pieces of pottery donated by Halifax potter, Julia Redgrave, were won by Barb Daniels who often helps at the International Education Centre. Michael MacMillan, Dean of Education, won a gift certificate from McKelvies Restaurant and Henry Veltmeyer, Sociology Chairperson, won a certificate from King's Palace Restaurant. K. Lightbourne, a student living in Saint Mary's residence won two prizes—a gift certificate from Red Herring Cooperative Books and a Canadian Pacific flight bag. Saint Mary's Bookstore donated an electronic calculator won by Ken Persau, another person who helps at the IEC. A Moosehead kit bag, full of Moosehead goodies, like t-shirts, hats, etc. was won by Phil Menhenitt of Halifax. Wendy Katz of the English Department won a gift certificate from Pizza Delight on Quinpool Road. Air Canada flight bags were won by Allan Sabeau of the Chemistry Department and Janet Forrest of the Management Department. Milton Chew of Management Science won a Canadian Pacific flight bag. Mary Sun of the History Department, already a world traveler, won a tour of the Harbour Islands from Harbour Islands Ferry and Tours. Saint Mary's Bookstore also donated a number of Saint Mary's University t-shirts, won by Irene MacDonald of the Library, Henry Veltmeyer (again), the Information Office (can they all fit into it?), and two were won by Sheila Morrison (her husband is IEC Director, Jim Morrison, who bullied his family into buying a lot of tickets). Of the three rock LP albums donated by the SRC one was won by Susan Laoye, another student in Saint Mary's residence, and two were won by CBHT announcer and former rock disc jockey, Frank Cameron. Ronald MacDonald donated certificates for Egg McMuffins and "Nutsy" Sundaes. Winners of these were Saint Mary's people—David Hope-Simpson, Rashid Tayyeb, Betty Jean Frenette, Diana Mason, Izzy Elkhazin, Jim Darley, and the Chaplaincy Office—and Peggy Mahon and Julia Redgrave (the potter) of Halifax.

Raffle organizers said they were satisfied with the \$550 raised although they had hoped for more. Ticket sellers said they were very pleased with the response of the Saint Mary's community members who were approached. They said faculty members showed very positive interest in the Committee's sponsorship of refugee student Habtom Embaye at Saint Mary's.

Proceeds from the raffle will be used as required by Mr. Embaye. If funds are left over, they will be saved for future refugee student sponsorship.

Dr. Karl Doetsch

National Aeronautical Establishment
National Research Council
will present the
Fifth A.C. Neish Memorial Lecture

"CANADARM—a Canadian technological success"

8 p.m., Wednesday, October 13
Theatre "A", Burke Education Centre
Saint Mary's University

Sponsored by the A.C. Neish Memorial Trust, the Nova Scotian Institute of Science, and the Atlantic Research Laboratory of the National Research Council of Canada.

Hennessey Scholarship to be announced at Alumni Football Festival

The Saint Mary's University Alumni Association's Fall Football Festival will be held on Saturday, October 9 at the Saint Mary's Stadium.

The football match will feature the defending national champions, the Acadia University Axemen, against the Saint Mary's Huskies. This is a regular AUAA game and kick-off is at 2:00 p.m.

Alumni are invited to attend a pre-game brunch in the O'Donnell-Hennessey Student Centre at 12 noon. During the reception, the Alumni Association will announce the establishment of the Father J.J. Hennessey Memorial Scholarship.

The late Father Hennessey, a Jesuit, has been associated with Saint Mary's since he was appointed Dean of Men in 1960. He was loved by students and members of the University community alike, and is well remembered for his stern discipline and enthusiastic support of the Saint Mary's athletic teams. Even after his

official retirement, he remained at the University as Counsellor-in-Residence until he was moved to the Jesuit Infirmary in Pickering, Ontario, last May because of failing health. He died August 11, 1982, and was remembered in a Memorial Mass celebrated in Canadian Martyrs' Church on September 22.

Until the day Father Hennessey left the campus he continued to be an avid fan of the Huskies and so it is fitting that the scholarship in his memory be announced at the Alumni Football Festival.

After the match a post-game reception for alumni will be held in the Alumni Lounge on the third floor of the O'Donnell-Hennessey Student Centre.

Tickets for the alumni brunch and the football game are \$6.00 each and may be purchased at either the Alumni Office or the Saint Mary's Ticket Office, both of which are located in the O'Donnell-Hennessey Student Centre, Saint Mary's University, Halifax, Nova Scotia.



Huskies Stadium will be the scene of Saint Mary's University Alumni Association's Fall Football Festival, Saturday, October 9. Seen here are organizers: (left to right) Bruce Hopkins, Athletics Business Manager and Assistant Football Coach; Don Reardon of the Alumni Association; and Laurie Smith, Director of Alumni Services.

Volunteer agencies to recruit on campus

The Halifax-Dartmouth Association of Volunteer Directors is sponsoring a recruitment campaign at the four Universities in the area in October. The campaign is directed primarily at the students, but other members of the university community are not excluded.

The association believes that this segment of the population has much to offer as volunteers through their skills and abilities and through their youth and vitality. Students can also benefit greatly from their volunteer work. Volunteer work can provide students with the following:

1. Practical experience to complement course work.
2. Opportunity to explore different career avenues.
3. Employment experience and contacts.
4. References for future use.
5. Personal satisfaction in helping others.

By undertaking volunteer work, students can participate in the general life of the community at large, and make a valuable contribution to that community. They can gain valuable life experience. Perhaps, too, a life-long habit of being a volunteer can be established by becoming involved as a young adult, for volunteer work can continue throughout one's

life.

A display exploring the "what", "where" and "why" of volunteering will be set up, with an information desk at the following times and locations:

Mount Saint Vincent University,
Seton Academic Centre, Main Foyer,
October 5, 6, 7, 10:00 a.m. - 8:00 p.m.
Saint Mary's University, Patrick Power
Library, Lobby, October 12 and 13,
10:00 a.m. - 8:00 p.m.
Technical University of Nova Scotia,
The Common Room, October 14 and
15, 10:00 a.m. - 5:00 p.m.
Dalhousie University, Student's Union
Building, Foyer, October 18, 19 and
20, 10:00 a.m. - 4:00 p.m.

A variety of agencies will be represented, including those related to correction services, community services, hospitals, mental health, elderly, and children.

While most agencies prefer volunteers who can make a commitment for several months, there are others who can use volunteers for a shorter period of time for a special project. Interested persons can call the Volunteer Bureau, 422-2048, at any time during the school year.

Sports . . . from the desk of Debi Woodford

Saint Mary's hosts basketball clinics

Saint Mary's University is hosting Basketball Development Clinics for girls and boys aged 6 to 18 on Saturday, October 2, 9, 16, and 23 in the Saint Mary's Gymnasium.

The Mini Basketball Clinic for youngsters aged 6 to 12 will run from 9:00 a.m. to 12:00 noon Saturday, and the Bantam, Midget, and Juvenile Clinic for youngsters 12 to 18 will run Saturday afternoons from 1:00 to 4:00 p.m. The fee is \$25.00 per player.

Huskies Head Coach Gary Heald, Associate Coach Rick Plato, and Assistants Bill Marshall and Hugh MacDonald have put together an exciting and complete basketball program for the young players who attend the 1982 clinics.

Coach Heald is entering his fourth season as Head Coach of the Basketball Huskies. The Huskies finished second in the nation in 1981-82 after a Canadian number one ranking on a 32-0 record. Heald was A.U.A.A. Coach of the Year in 1980 and 1982.

Coach Plato joins the Huskies for his second year. Former A.U.A.A. All-Star Plato was a five-

year veteran at guard for the Huskies and played on two national championship teams.

Coach MacDonald enters his third year with the Huskies. Over the past four years MacDonald has worked extensively with minor and juvenile basketball in the metro area, both as a coach and administrator. MacDonald begins his high school coaching career this year with the Fighting Irish at St. Patrick's High School in Halifax.

The newest member of the coaching staff this season is Bill Marshall. Marshall started at guard for Bryan College in Tennessee for two years.

Members of the varsity team will also be working on a one-to-one basis with the youngsters, offering individual instruction to provide the incentive for the players to improve their skills.

The price is right! Registration fee is only \$25.00 for 12 hours of instruction from the A.U.A.A. Coach of the Year and members of the 1982-83 Saint Mary's University Huskies.

Managers appointed to varsity teams

Robert Hayes, Director of Athletics and Recreation at Saint Mary's, announced that volunteer managers have been appointed to each of the varsity teams.

Dick Criddle, Executive Director of the Victoria General Hospital and a member of the Board for the Canadian Amateur Football Association, will manage the football team. He has had a number of years experience in sports administration in Quebec.

Adrian Cahill, Regional Manager of Employment Services for the Canadian Employment and Immigration Commission in Halifax, will become general manager of the soccer team. He has received a number of awards for sports in Nova Scotia and is a member of the 1983 Nova Scotia mission for the Canada winter games.

Mike Kelly, former Vice-President and Promotions Manager of the Nova Scotia Voyageurs, will manage the hockey team. He was an original member of the 1960s Halifax Junior Canadiens.

The men's basketball team will be under the management of Don Brown of A.G. Brown and Son. Mr. Brown is an enthusiastic basketball fan.

A general manager for women's field hockey and basketball will soon be appointed.

Field Hockey team meets stiff competition

The Saint Mary's University Varsity Women's Field Hockey Team opened their league schedule September 18, playing host to the Université de Moncton Blue Angels. The Saint Mary's win that day (1-0) turned out to be the only win in their first five league games as they lost to University of New Brunswick, Dalhousie, and twice to Memorial University of Newfoundland.

The 1982 Saint Mary's lineup returns eight veterans and introduces six rookies. Headlining the veterans is 1981 All-Conference player Annelie Vandenberg from Rothesay, New Brunswick who returns for her third year in Maroon & White threatening to lead all A.U.A.A. goalscorers this season. Team leader and captain Karen McKellár from Truro is in her senior year and her experience in the backfield will be vital to her team's success. Goaltender Margie Longley from Bridgewater will guard nets for her fourth season with confidence and tenacity.

Newcomers to this year's squad include St. Catherines native Cindy Crosbie in nets, Dawn Bain from Yarmouth, and Kelly Richardson from Sackville, Nova Scotia. All three rookies will play an instrumental role in Saint Mary's 1982 campaign.

Head Coach Helen Castonguay begins her first year at the helm of the field hockey team while continuing her duties as head coach of the women's basketball squad. An accomplished field hockey player and umpire, Castonguay will provide the guidance her club needs in their bid for the A.U.A.A. championship.

Soccer Huskies make strong start

The Saint Mary's University Soccer Huskies began their schedule winning their first two matches. The Huskies, the defending Atlantic Champions, recorded wins over the University of Prince Edward Island Panthers and the St. Francis Xavier X-Men.

Huskies Head Coach Roy Clements feels his club can handle this season's competition with superior ballhandling and passing. The Santamarians will use their experienced backfield to deflect action from All-Conference goalkeeper Costa Elles. The 1982 defense is anchored by senior fullback Peter Wicha, and reinforced by senior Brett Clements,

sophomores Clark Hillaby and Byron MacPhee, and rookie Umberto Catalano.

Skilled veterans at midfield—All-Canadian Geoff Agostini, Steve Hart, and Alain Beaudoin—will attempt to break through opposition defense to set up scoring opportunities for the Huskies front three. Newcomers at the midfield position include Mark Smith and Angelo Cianfaglione.

The forward line boasts All-Canadians Ross Webb and Jim Sidey, and sophomore Steve Cahill. Joining the firing squad this year are freshmen Alan Gray and Myron Piper.

Sports schedules

Soccer

Sun, Oct 17	Saint Mary's at UNB	1:00 p.m.
Tues, Oct 19	Saint Mary's at Dal	4:00 p.m.
Fri, Oct 22	St. F.X. at Saint Mary's	4:00 p.m.
Sun, Oct 24	Acadia at Saint Mary's	2:00 p.m.
Oct 30-31	AUAA Championship	
Sat, Nov 6	CIAU Semi-finals	
Sat, Nov 13	CIAU Championship	

Field Hockey

Fri, Oct 15	Saint Mary's at Mt. A.	4:00 p.m.
Sat, Oct 16	Saint Mary's at UPEI	1:00 p.m.
Wed, Oct 20	Acadia at Saint Mary's	4:00 p.m.
Oct 30-31	AUAA Championship	
Nov 5-7	CIAU Championship (University of Calgary)	

Football

Sat, Oct 16	Saint Mary's at Mt. A.	2:00 p.m.
Sat, Oct 23	Saint Mary's at St. F.X.	2:00 p.m.
Sat, Oct 30	Mt. A. at Saint Mary's	2:00 p.m.
Sat, Nov 6	AUAA Championship	
Sat, Nov 13	Atlantic Bowl (Saint Mary's)	
Sat, Nov 20	Vanier Cup (Toronto)	

Schedules

ART GALLERY

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

BOOKSTORE

Monday to Friday 9:00 a.m. - 4:30 p.m.
Wednesday 9:00 a.m. - 7:30 p.m.

CONTINUING EDUCATION

Mon., Wed., Fri. 9:00 a.m. - 5:00 p.m.
Tues, Thurs. 9:00 a.m. - 7:00 p.m.

LIBRARY HOURS

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

GORSEBROOK LOUNGE

Monday to Wednesday 4:00 p.m. - 12 midnight
Thursday to Saturday 4:00 p.m. - 1:00 a.m.

BURKE-GAFFNEY OBSERVATORY

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

RELIGIOUS SERVICES

University Mass
Sunday 7:00 p.m. Canadian Martyrs' Church
Weekday Mass
Monday, Wednesday and Friday 12:30 p.m.
Liturgical Centre L 145
Tuesday and Thursday 6:30 p.m.
Liturgical Centre L 145

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

Chaplain
Father John Mills
L 200, ext. 219 or 220 or 422-2223

ROYAL BANK

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

FOOD SERVICE HOURS

Residence Cafeteria
Monday to Friday
Breakfast 7:30 a.m. - 9:30 a.m.
Lunch 11:30 a.m. - 1:30 p.m.
Dinner 4:30 p.m. - 6:30 p.m.
(6:15 p.m. on Fridays)
Saturday and Sunday
Brunch 11:30 a.m. - 1:30 p.m.
Dinner 4:30 p.m. - 6:15 p.m.

Private Dining Room

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

Faculty Lounge

Monday to Friday 8:00 a.m. - 4:00 p.m.

Student Cafeteria

Monday to Thursday 8:00 a.m. - 6:00 p.m.
Friday 8:00 a.m. - 6:30 p.m.

Coffeehouse, Loyola Building

Sunday to Thursday 8:30 p.m. - 12 midnight
Friday and Saturday 10:30 p.m. - 2:30 a.m.

Mini Mart, Loyola Building

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

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