

"... wherever a University stands, it stands and shines; wherever it exists, the free minds of men, urged to full and fair inquiry, may still bring wisdom into human affairs."
John Masefield
"The University"

Saint Mary's University
Halifax, Nova Scotia

March 1983
Volume 12, Number 5

Irish Studies Conference



Professors David Pigot, Andrew Seaman and Cyril Byrne, all members of Saint Mary's English Department, are shown here making plans for the Canadian Association for Irish Studies 16th Annual Conference which will be held March 16-19 at Saint Mary's University.

Wamboldt-Waterfield

1982-83 Saint Mary's University Huskies: A.U.A.A. Champions



Back Row left to right: Head Coach Gary Heald, David Smith, Rod Buckland, Mike Williams, Bob Oostveen, Greg Williams, Rob Latter, John Murphy, Gary Bratty, Rob Rankin, Manager John Landry.
Front Row left to right: Assistant Coach Bill Marshall, Nick Briggs, B. J. Ross, Associate Coach Rick Plato.
Missing: Assistant Coach Hugh MacDonald, Manager Steve MacCormack, Trainers Kathy Reid and Jan Sutherland, and General Manager Don Brown.

There will be a touch of the blarney about the campus this month as Gaelic speakers and scholars from both sides of the Atlantic convene for the 16th international conference of the Canadian Association of Irish Studies, March 16 to 19.

The Conference will be officially opened on the evening of Wednesday, March 16 in the University Art Gallery by Oliver Flanagan, a member of the Irish Parliament in Dublin. This will be followed by the opening of the Art Gallery's exhibit of works by early 19th century Irish born artist, William Eagar.

Eight lecturers from universities in Ireland and Great Britain will deliver papers on a variety of aspects of Irish culture during the period between the end of the 18th century and the Great Famine of the 1840s. Among the lecturers from Ireland will be the well-known historians R.B. McDowell of Trinity College and Kevin Knowlton of University College Dublin. R. B. (Dick) Walsh, an expert on the Irish (Gaelic) language of the area from which a large portion of the Irish in Atlantic Canada derive, will be the guest speaker at the annual banquet of the Charitable Irish Society of Halifax on March 16, which will be attended by delegates to the Conference.

Of special interest to those interested in the Irish in Atlantic Canada will be lectures by John Mannion and George Casey of Memorial University, Newfoundland, who will deal with aspects of Irish migration and cultural transfer to Newfoundland. Brian Cuthbertson and Terry Punch, well known Nova Scotia historians, will present talks on the Irish political and cultural impact on this province. William Spray, Academic Vice-President of St. Thomas University in Fredericton, will give a paper on the pre-famine Irish in New Brunswick.

Art historians Anne Crookshank and Desmond Guinness from Ireland and Howard Pain of Toronto will give presentations on Irish Art and the influence Irish craftsmen had on the furniture of early Canada. Papers on the literary culture of the period will be given by Professors John Cronin of Queen's University, Belfast; Norman Vance, University of Sussex; Gus Martin, University College Dublin; and Robert O'Driscoll, University of Toronto.

Professor Sean Connolly of the University of Coleraine, Northern Ireland, author of *Priests and People in Pre-Famine Ireland*, will be giving a paper on the social background of rural Ireland in the late 18th century.

There will also be exhibits of Irish 18th century silver, Irish books of the period, and a specially arranged display of a manuscript of the 18th century poet Domach Rua MacConmara, who wrote poems in Gaelic about his experiences in Newfoundland in the mid-18th century.

The Conference is made possible through a grant for \$8100 from the Honourable Gerald Regan, Minister for International Trade, on behalf of the Minister of State for Multiculturalism, the Honourable Jim Flemming.



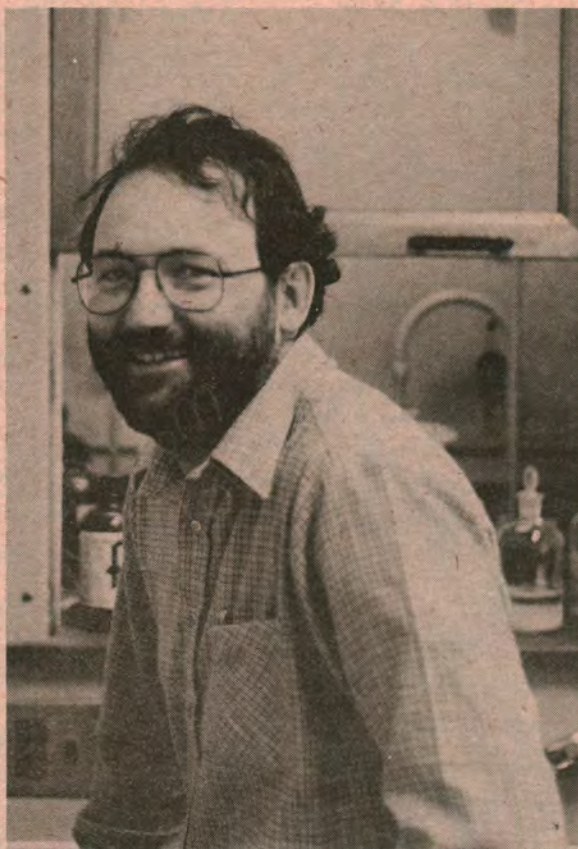
St. Patrick's Day: March 17

Post Doctoral Fellow in Chemistry appointed

At Saint Mary's University research to synthesize new triazenes that may be potential anti-tumour agents reached new impetus with the appointment of Dr. Ronald LaFrance as a post-doctoral fellow. Dr. LaFrance's fellowship was made possible by the award of a Natural Sciences and Engineering Research Council Regional Development Grant for "Bio-Organic Studies of Potential Anti-Tumor Agents and Xenobiotic Molecules". He will be working in collaboration with Dr. Keith Vaughan, investigating triazenes that are related to the anti-tumour drug, Dacarbazine, the most active clinical agent used in the treatment of malignant melanoma, a serious form of skin cancer.

A native of Grand Falls, New Brunswick, Dr. LaFrance was a Lord Beaverbrook scholar at the University of New Brunswick, where he graduated with a Bachelor of Science degree in Chemistry. He earned a Doctorate in Organic Chemistry at the Université de Provence, Marseilles, France, where he worked on the study of conformational heterogeneity in solutions of six-membered cyclic molecules.

Dr. LaFrance and Dr. Vaughan will be working on the synthesis of other compounds as well as those related to Dacarbazine. Some of these compounds, too, may exhibit anti-tumour activity. Dr. LaFrance explained, however, that synthesis of anti-tumour compounds is only one part of the search for means to combat cancer. He added that more selective compounds with anti-tumour activity will be easier to synthesize once the causes of cancer are thoroughly understood. Therefore, the thrust of cancer research is towards establishing causes and early diagnosis rather than towards chemotherapy (use of drugs), which is a last resort in halting the spread of a tumorous cancer.



Dr. Ronald LaFrance

New technology workshop planned for March

"The effects of New Technology on Teaching and Research", a workshop for faculty and administrators, will be held March 22 to 24, 1983. The workshop is sponsored by the Saint Mary's University Faculty Union and the Division of Continuing Education

- March 22** **Library Conference Room**
1 p.m. Demonstration of the use of computer data bases for literature searches, bibliographic information and abstracts.
Doug Vaisey, Patrick Power Library
- 3 p.m. Demonstration of the Darome Convenor and the New Brunswick Telephone bridge for teleconferencing of meetings and classes.
Reports on the use of teleconferencing,
Katherine Rice, Dalhousie University
Jerry Redmond, Institute of Canadian Bankers
Ian Austen, Nova Scotia College of Art and Design
Dr. Bill White and Leo Deveau, Acadia University
- March 23** **Library Conference Room**
1 p.m. Panel discussion on the use of computers at Saint Mary's.
Dr. Earl Robinson, Computer Policy Committee
Dr. Stanley Armstrong, Religious Studies
Dr. John Young, Chemistry
Margo Shenk, Patrick Power Library, Panel Chairperson
- 2 p.m. Demonstration of microcomputer hardware and software for text editing, filing and cross referencing, and calculations.
- March 24**
1 p.m. Tour of Mount Saint Vincent University's Distance Education via Television (DUET) facility and a demonstration of the DUET program.
- 7 p.m. Saint Mary's University Boardroom
Panel discussion on "New Directions for Teaching and Research: The Effect of the New Technology"
Panelists: Dr. Diana Carl, Mount Saint Vincent
Jerry Redmond, Institute of Canadian Bankers
Saint Mary's Faculty Union representative
Chairperson: To be announced
Wine and cheese reception to follow

It may never happen to you but . . .

by Liz Stevens

The chances are good that it may never happen to you but statistics show that violent acts against women are on the increase.

There were 22 reported rapes in Halifax in 1981 and 25 reported in 1982. However, two members of the Halifax Police Department agree that more rapes take place than are reported. Constable Darrell Lysens and Constable John Morley, assigned to the Community Relations and Crime Prevention Division, recently visited the Saint Mary's campus to show a film about rape and answer questions.

When asked about unreported rapes, the policemen explained that the majority of rapes are done by men who are already known to the victims; they are relatives, friends of husbands, friends of brothers, or neighbours. Some women apparently feel that the problems caused by reporting would be too great to cope with and so they let it go.

According to Constable Lysens, "It is too embarrassing for them so they sweep it under the rug . . .".

The policemen said that they do not think that there is a problem at Saint Mary's, at Dalhousie, or in the South End of Halifax. However, Constable Morley pointed out that "if there are people with the potential to commit such crimes and they are looking for women, they will go where they are sure there are lots of them . . . a campus is a likely place . . .".

But they pointed out that no matter where women are, there is always the possibility. And although the film is about 20 years old, and a little "hokey", it does have a message and, in parts, is quite effective. Actually watching a scene where a delivery man assaults a woman who lets him into her apartment almost makes it real. There's another scene where a woman gets into her car and there's a man in the back seat. Seeing this is much more effective than hearing it described.

The police officers pointed out that according to statistics the large majority of assaults committed in cars are done to victims who agreed to get into the car. Hitchhiking is a very dangerous thing to do.

Do weapons and knowledge of self-defence help? Not according to the officers. Weapons may be used against you, and most forms of self-defence training for women just gives you a false sense of security.

Constable Morley explained that defending yourself has to become second nature; a person to become proficient, has to study it for years . . . it has to be automatic, and you have to be very good at it.

"The first move has to be a whole-hearted attempt, and sometimes violence breeds violence."

Both men agreed that sometimes screaming will frighten off an attacker.

Besides the film the officers distributed a brochure called "Women Alone" that gives some helpful suggestions.

The officers elaborated on some of the things in the brochure, for example, in parking lots, always have your keys ready.

Constable Lysens explained, "I've seen women start rooting in purses, looking for keys; it's a process that takes about five minutes — five crucial minutes."

About meeting men in bars — "It's almost impossible to judge a man's character in a few minutes over a drink".

If an incident does happen it should be reported at once to the police; delays only make it more difficult for everyone.

The officers explained that both the laws and attitudes are changing, as far as rape is concerned. In fact it is no longer called rape but sexual assault. Victims no longer have to show that there was physical abuse or that they had to put up a fight. Husbands can now be charged with sexual assault.

Attitudes are changing too about women bringing it on themselves by the way they dress or walk.

But what can be done about it? The officers say that making women aware of possible dangerous situations and how to react if something should happen is a step in the right direction.

If you would like copies of the brochure, "Women Alone", or to arrange for members of the Community Relations and Crime Prevention Division of the Halifax Police Department to visit a group or meeting, you can call 426-6875.



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. Vostermans, Department of Economics:

19 November 1982 — 977.47
26 November 1982 — 972.39
3 December 1982 — 995.74
7 January 1983 — 1070.56

Noteworthy Notes

A number of Commerce faculty members conducted seminars during Business Week (February 7-10, 1983), including: DR. FRANK P. DOUGHERTY (Accounting) and PROFESSOR IZZY ELKHAZIN (Accounting), who gave a joint seminar on accounting; DR. J. COLIN DODDS (Finance and Management Science); DR. RICHARD SPARKMAN (Marketing); DR. TIMOTHY O'NEILL (Economics); and PROFESSOR JOHN R. GALE (Management) and PROFESSOR JOHN CHAMARD (Management), who gave a joint seminar on management.

DR. LINDA CHRISTIANSEN-RUFFMAN (Sociology) attended an Ottawa meeting of the Science Policy Committee of the Social Science Federation of Canada (SSFC), where she represented the Canadian Sociology and Anthropology Association. She has been appointed to head a new SSFC task force on the Elimination of Sexist Bias in Social Sciences.

DR. LILIAN FALK (English) and DR. MARGARET HARRY (English) attended the sixth annual meeting of the Atlantic Provinces Linguistic Association held at Memorial University, St. John, Newfoundland, November 1982. DR. FALK presented a paper on "Analytical Framework for the Indefinite Pronoun One".

DR. MARGARET HARRY (English) gave a lecture on Concrete Poetry to students in the Art and Technology Program at the Technical University of Nova Scotia, January 24, 1983.

DR. JOHN R. MACCORMACK (History) presented a lecture on "Human Values and the University" to faculty at the University of Prince Edward Island, December 3, 1982.

DR. MACCORMACK delivered a paper on "Justice, Judgement and the Humanities" to the National Symposium on the Humanities at Simon Fraser University, Vancouver, B.C., February 12, 1983.

DR. ARUN K. MUKHOPADHYAY (Economics) presented a paper on "Research Intensity and Research Efficiency: Are the Empirical Results Meaningful?" at the Missouri Valley Economic Association Conference, March 3, 1983.

DR. KENNETH L. OZMON (President) has started a new series of television programs for "University Scene", a Halifax Cablevision production.

DR. CAROL PYE (Psychology) was awarded the prestigious Longwood's Doctoral Dissertation Award for 1982, presented by Queen's University for the most outstanding doctoral thesis in the Psychology Department.

DR. HELEN RALSTON, R.S.C.J. (Sociology) has been placed on the alternate list for a Faculty Training Grant to carry out research in India on "The Impact of Hinduism on Christian Community Organization: Christian Ashrams in Contemporary India".

DR. HERMANN F. SCHWIND (Management) gave a talk on "Performance Appraisal as a Management Tool in Employee Motivation" at the December meeting of the Halifax and District Personnel Association.

DR. SCHWIND also held an evening seminar on "Improving Communication and Cooperation in a Volunteer Organization" for staff members of the Halifax Junior Achievers.

DR. EMERO S. STIEGMAN (Religious Studies) contributed an article to a four-person symposium in the *University of Toronto Quarterly* (Winter 1983) on a discussion of Northrop Frye's *The Great Code: The Bible and Literature* (1982).

DR. TERRY WHALEN (English) was a panel participant in the seminar of "Exposures: The Writer, Publisher and the Media" during the Writers' Federation of Nova Scotia's symposium segment at the Federation's Annual Literary Salon, November 27, 1982.

DR. WHALEN presented a talk on "The Poetry of Philip Larkin" to the Dalhousie University Graduate Students of English Association on December 4, 1982.

DR. WHALEN has been awarded a Research Grant by the Social Sciences and Humanities Research Council (SSHRC) to enable him to complete an annotated bibliography on Bliss Carman. The book-length study will be published by ECW Press in their *Annotated Bibliographies of Canada's Major Authors* series.

DR. WHALEN is also the author of *Bliss Carman (1861-1929)*, a monograph which is in press and scheduled for release in 1983.

DR. C. JOHN O'C YOUNG (Chemistry) was interviewed recently on the Canadian Broadcasting Corporation's radio program, "Quirks and Quarks", concerning his research work on "Heat Storage in Salt Hydrates".

TERRY WHALEN (English), "Bio-critical essays on Bliss Carman and F. R. Scott, and selections of their poetry by the critic". Published in *Canadian Poetry: New Press, Canadian Classics* series, vol. 1, edited by Jack David and Robert Lecker with an introduction by George Woodcock (Toronto: General Publishing Co. & ECW Press, 1982), pp. 75-84; 150-156; 284-85; 295-97.

TERRY WHALEN (English), "Three Emerging Poets", *The University of Windsor Review*, Vol. XVI, no. 2 (Spring-Summer 1982), pp. 96-103.

TERRY WHALEN (English), "Many Larkins", review of *The Art of Philip Larkin*, in *The Australian Book Review*, no. 42 (July 1982), p. 35.

Faculty Publications

LINDA CHRISTIANSEN-RUFFMAN (Sociology), "Comment on Lawson and Barton's 'Sex Roles in Social Movements: a Case Study of the Tenant Movement in New York City'", *Signs*, vol. 8, no. 2 (winter: 1982), pp. 382-386.

RONALD COSPER (Sociology), "Funding for Higher Education in Nova Scotia — One Professor's Opinion", *Social Sciences in Canada*, vol. 10, no. 3 (December 1982), p. 18.

RONALD COSPER (Sociology) and David Elliott, "Public Drinking in a Metropolitan Canadian Region: A Comparison of Survey and Time-Budget Data", in *It's About Time*, edited by Zahari Staikov, (Sophia: Institute of Sociology at the Bulgarian Academy of Sciences), pp. 145-164.

ROBERT J. MCCALLA (Geography), "Canadian Port Administration: Its Future Structure", in *Maritime Policy and Management*, Vol. 9, no. 4, (1982), pp. 279-293.

RASHID TAYYEB (Library), "Implementing AACR 2 — A National Survey", *Canadian Library Journal*, Vol. 39, no. 6 (December 1982), pp. 373-376.

P. L. Faye, KEITH VAUGHAN (Chemistry) and D. L. Hooper, "Synthesis of 4-Hydroxy-3, 4-dihydro-1, 2, 3-benzotriazines via 2-(3-alkyl-1-triazeno) benzaldehydes and 2-(3-alkyl-1-triazeno) benzophenones", *Journal of Chemistry*, 61 (1983), pp. 179-183.

KEITH VAUGHAN (Chemistry), "University First Year General Chemistry by the Keller Plan (PS1)", *Programmed Learning and Educational Technology*, 19 (1982), pp. 125-134.

A. V. Baki and KEITH VAUGHAN (Chemistry), "Functional Group Modifications of Dextran for Linkage to a Diazonium Group", *Carbohydrate Research*, 105 (1982), pp. 57-68.

T. Ghose, A. H. Blair, P. Kulkarni, S. Norvell, P. Belitsky and KEITH VAUGHAN (Chemistry), "Targeting of Radionuclides and Drugs for the Diagnosis and Treatment of Cancer", in *Targeting Drugs*, edited by G. Gregoriadas, J. Senior and A. Tornet, Plenum Publishing (1982), pp. 55-82.



Holidays . . . holidays

Easter Weekend: April 1 to 4
— no classes scheduled —



Summer programs for senior citizens

Elderhostel is returning to Saint Mary's University this summer for the third time. This program for senior citizens combines travel with study. Participating universities from Hawaii, across North America to western Europe offer one to two week programs for those aged 60 or over. Registrants are expected to choose an institution away from home, where they live in residence, attend lectures and join in special activities such as bus tours of the surrounding region. Since the emphasis is on the hostelling aspect of Elderhostel, local residents are often ineligible to register for the courses if they choose to live at home. This year, however, Saint Mary's has decided to include a second week-long program for senior citizens within commuting distance of the University. The regular Elderhostel program will run from July 10 to 16 and will be repeated for local residents from July 17 to 23.

This year two courses will be offered each week. "History of Halifax from Colonial Outpost to Atlantic Metropolis", with civic historian Lou Collins and his wife, is an investigation of the growth of this city through a series of lectures on the history, culture, architecture and social development of Halifax combined with walking and bus tours of the city and surrounding area.

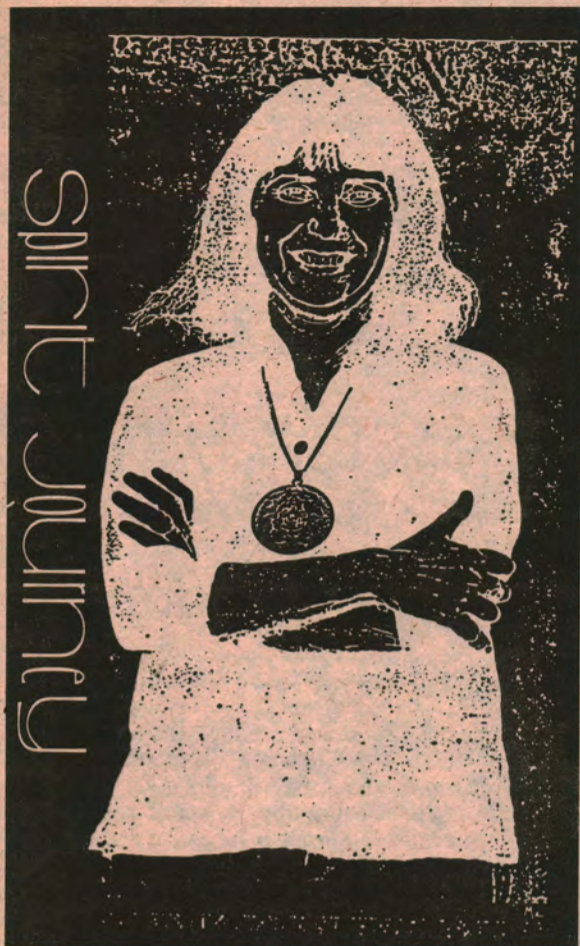
The second course, "Astronomy — A Journey Through the Cosmos" with Dr. Norman Scrimger of Saint Mary's Astronomy Department, will include sessions on black holes, pulsars, extraterrestrial life and the evolution of the universe. The M. M. Burke-Gaffney Observatory will be used for evening viewing of the heavens.

Registration for local residents interested in the second week of lectures and special events is \$50 and includes tuition, bus tours, receptions, and lunch during a day-long tour of historic sites. Further information is available from the Division of Continuing Education, extension 140.



Paul Findlay, Area Sales Representative for Moosehead Breweries presented a cheque of \$2,500.00 to Dr. Ozmon representing Moosehead's fourth and final installment on their \$10,000.00 pledge

to the University Development Fund. On hand for the presentation was Students Representative Council President, David Hendsbee.



Art and Technology Festival at TUNS

Artists' Bookworks is the theme for the fourth annual Technology Festival, to be held at the Technical University of Nova Scotia, March 26 to 31.

The Exhibition will include a sculpture by Montreal artist Alba Taylor, Canadian artists' bookworks ranging from stuffed books, stained glass and metal to photography and xerography; student projects from the Art and Technology program at TUNS; and two special Telidon displays

Evening events scheduled during the Festival include:

Saturday, March 26
7:30 p.m. Opening reception

Monday, March 28
8:00 p.m. Murphy's Law, live electronic music

Tuesday, March 29
"Art and Technology: Human Import", a panel discussion.

Wednesday, March 30
"Soundscapes: Music for the Digital Era", electronic music with Bob Atkinson (Media Services) and Kurt Haughn

African Films featured at the I.E.C.

March is film festival month at the International Education Centre. This year the Centre is offering a series of films on Africa, directed by African film makers.

Wednesday March 9 7:00 p.m. **Black and White in Colour** (Ivory Coast, 1976, directed by Jean-Jacques Annaud, subtitles)
Set in Colonial West Africa in 1914, this film tells the story of a mini-war fought by the French colonials against the German colonials, with each side using the local people as soldiers.

Wednesday March 16 7:00 p.m. **Idi Amin Dada** (Uganda, 1975, directed by Barbet Schroeder)
An exceptional eyeball-to-eyeball visit with this despised dictator in the early years of his reign of terror. Amin authorized this film and allowed the film crew to cover selected activities over two weeks.

Wednesday March 23 7:00 p.m. **Black Girl** (Senegal, 1965, directed by Ousmane Sembene, subtitles)
The story of a young Senegalese girl who works for a French family.

All films will be shown in the Burke Education Centre at Saint Mary's University. Admission is by donation.



**President's Holiday
March 25th**

New Direction in '83

The Saint Mary's University Dramatic Society will present *The Prime of Miss Jean Brodie*, a play by Jay Presson adapted from the novel by Muriel Spark, from March 23 to 25 at 8:00 p.m. in the Theatre Auditorium.

The play, set in a girls' school in Edinburgh, Scotland, revolves around Miss Brodie and her relationships with her students, lovers and rival as she enters the "prime" of her life.

Saint Mary's alumna Erin Murphy will play the part of Miss Brodie and Rob Candy will play her lover, Teddy Lloyd, the art teacher. The play will be directed by Jim Spurway, alumnus and long-time member of the Dramatic Society. He was last year's winner of the Stewart Bowl, given annually to honour the Society's best dramatist.

Tickets for each performance are \$3.00 each, \$2.50 for students and senior citizens, and are available at the door.

Study in Sweden

Uppsala University International Summer Session

In association with Uppsala University, California State University, Long Beach and Vardinge folkhögskola, Uppsala International Summer Session offers the following courses:

Six-week session — June 19 — July 29

Four-week session — July 3 — 29

Courses in: Swedish, Svenska, archaeology, the arts in Sweden, comparative education, modern Swedish social institutions, the Swedish family, history of modern Sweden.

For more information, please write to:

Uppsala University
International Summer Session
Pa Box 256
S-751 05 Uppsala
Sweden



The University hosted a "get acquainted" reception for the Mayor and City Alderman at the University in January. The event provided an excellent forum for the University to inform City leaders of the University's valuable contributions to the community.

Mayor Ron Wallace, an alumnus, Mrs. Elizabeth Chard, Registrar, Ron Downie, Vice Chairman of the Board of Governors and City Manager, Paul Calda attended.

At the Art Gallery

Exhibitions

to March 13 **Canada in the Graphic Arts**

March 16 — **William Eagar** — Works by the Irish-Canadian artist who lived in the maritimes during the early 19th century. This show complements the Irish Studies conference which will be taking place at Saint Mary's.

May 1 — **The Philography of Motion** — Francis Coutellier (visual artist) and Serge Morin (philosopher), explore the relationship between image and text.

Evening Performances (8:00 p.m.)

March 29 **Contemporary Jazz** with Eric Strach on saxophone and Dennis Brown on drums.

April 21 **Performance Art**: Interpretation of the William Eagar Exhibition by Sandy Moore.

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

March 11 Janet Hammock, piano

March 17* **Saint Patrick's Day Special**: Celtic Classic Crossover with Stephen Pedersen, Virginia Beaton and Andrew Russell. Traditional Irish music.

March 25 **Recital** — Colin Matthews, cello
(*For March 17 only, Lunch with Art will take place on Thursday.)

Thinking of drinking and driving? — think again

People in communities across North America are organizing themselves against drunk drivers.

There are too many accidents, too many horror stories such as, "I lost my son and grandson"; "I was in two accidents — the first time I was nearly killed, the second time only my car was wrecked". The stories go on.

The first reaction to these tragedies, though, seems to be anger. The victims are so innocent, the drivers so guilty and the accidents so unnecessary. This anger is part of what prompted a group in the United States to begin MADD (Mothers Against Drunk Drivers). This group of concerned citizens tries to educate the public to the dangers of drinking and driving, conducts research on the subject, and coordinates other activities such as monitoring trials.

The local Nova Scotia group against drunk drivers is called ROAD (Representation Organization Against Drinking Drivers) Patrol Nova Scotia. The group has held two meetings to date. The next one is scheduled for March 29 at 7:30 p.m. at the North Branch Library on Gottingen Street. Interested persons are welcome to attend.

Easter Services

Palm Sunday March 27	Mass at 7:00 p.m. Theatre Auditorium
Holy Thursday March 31	Mass at 8:00 p.m. Theatre Auditorium
Good Friday April 1	Service at 8:00 p.m. Theatre Auditorium
Easter Sunday April 3	Mass at 7:00 p.m. Theatre Auditorium

Nova Scotia Scenery: An exhibition of works by William H. Eagar (1796-1839)

An exhibition of works by the 19th century artist William Eagar, entitled Nova Scotia Scenery, will open March 16 at 8 p.m. in the Saint Mary's University Art Gallery. The show is planned in conjunction with the Canadian Association of Irish Studies 16th Annual International Conference and will be officially opened by Oliver Flanagan, member of the Irish parliament.

William Eagar, born in County Cork, Ireland, emigrated to Newfoundland before 1819. He taught

art in a school in St. John's before moving to Halifax in 1834, where he founded a drawing academy. Although he taught a number of disciplines, his own forte was landscape painting.

Eagar's most ambitious project, announced in 1836, was a compilation of views of Nova Scotia, New Brunswick and Upper Canada. Seventeen scenes in and about Halifax, Pictou and Windsor were issued as engravings and lithographs. His career was cut short by a fatal accident in 1839.

Professor Anne Crookshank of Trinity College, Dublin, co-author of Painters of Ireland, will give an illustrated lecture on "Paintings in Ireland from 1770-1840" during the Irish Studies Conference. This period of Irish painting is the one during which Eagar lived and studied and it had a major influence on his work.

Faculty Union Scholarships

Undergraduate students of high academic standing who are entering their final year in a regular or honours program in Arts, Science, Commerce or the one year Bachelor of Education degree are invited to submit applications for the second year of Saint Mary's University Faculty Union Scholarships. This year two \$2,000 scholarships will be awarded. The current scholarship winners, Jane Milton and Gordon Stewart, will receive public recognition of their awards at Convocation in May.

Students who wish to apply for the 1983-84 awards should obtain an application form from a member of the Faculty Union Scholarship Committee: Dr. Geraldine Thomas (Modern Languages and Classics); Dr. Bernard Davis (Education); Dr. Keith Vaughan (Chemistry); or Professor John Chamard (Management). Completed applications should be returned to Dr. Thomas in the Department of Modern Languages and Classics, Room MN405, McNally Building, by April 20, 1983.

These scholarships are awarded each year by the Faculty Union in order to show faculty support and pride in students whose academic records are truly outstanding.

"Spirit Journey" — an exploration of self

The four elements, space, water, earth and fire, have been the source of inspiration to poets and artists since antiquity. Margaret Harry of the English Department at Saint Mary's University and Sarah Jackson, artist-in-residence at the Technical University of Nova Scotia, have combined their talents to explore the four elements through visual images and songs. The result is "Spirit Journey — Voyage de l'Esprit", with 16 images by Sarah Jackson and libretto by Margaret Harry.

Ms. Jackson produced the black and white images by means of xerography, a technique using a finely-tuned, but standard, photocopying machine (in this case a xerox 3100). Dr. Harry, an expert on ancient mythology, wrote the poems or songs, which she translated into French, and an essay.

Each book is handcrafted and one of a limited edition of 100 copies. It is expensive, though: \$95 a copy.

Ms. Jackson has plans to have the poems set to music and the images to movement, and produce a videotape to complement the book. Professor Steve Tittle of the Dalhousie Music Department has been asked to write the music score and Francine Boucher, a local Halifax dancer, will interpret the images as motion. The Federal government has been approached to provide a grant for the videotaping.



Gorsebrook Research Institute: upcoming conferences

De Bane's Dilemma resolved

"De Bane's Dilemma: Solving the Crisis in the Fishery" is the working title for a one-day public forum on issues relating to the Atlantic fishery, to be held in Theatre A of the Burke Education Building on Saturday, March 26. The forum is sponsored by the Gorsebrook Research Institute and the Division of Continuing Education.

Commencing at 10 a.m., panel discussions are scheduled, along with presentations from representatives of major socio-economic sectors in the fishing industry. Recommendations from the recently released Kirby Commission Task Force Report will be examined as part of a wider discussion on the problems, potential and future of the Atlantic fishery.

Among those expected to attend the public forum are representatives from the Federal Department of Fisheries, the Department of Fisheries for the provinces of Newfoundland and Nova Scotia; private fish processors; the Maritime Fishermen's Union; the Newfoundland Fishermen Food and Allied Workers

Union; the Eastern Fishermen's Federation, academics involved in various aspects of the fishing industry and the Kirby Task Force Commission.

Electronic technology and society

"Reshaping Development: 1984 and Beyond" is the general theme of a two-day conference to be held at Saint Mary's University, April 10 to 11. The conference will focus on the impact of electronic and other technologies on the individual's work, family and social environments. Themes to be discussed include: work and its alternatives; new forms of enterprise; income distribution; social security programs; and appropriate education.

The two-day sessions, which are co-sponsored by the Gorsebrook Research Institute at Saint Mary's, the Vanier Institute of the Family and the Provincial Government of Nova Scotia, among others, will not be open to the general public. However, Willem Albeda, former Dutch Minister of Social Welfare, will give a public lecture on the general theme of the conference in Theatre A of the Burke Education Building on Sunday, April 10 at 8 p.m. Since the Maritime Council of Premiers is meeting in Halifax that day, it is hoped that some of the premiers and other government representatives will attend the lecture.

More information on the forthcoming conference is available from the Gorsebrook Research Institute.



This photograph of the Angus L. MacDonald bridge was taken by Eric Skoumand, using a long time exposure. The photograph, taken from the railway tracks in Dartmouth, shows the Canadian naval ships decked out in Christmas lights, with Halifax in the background.

Mr. Skoumand is a student in chemistry professor Allan Sabeau's photography class. This is a full-credit course on the fundamentals of black-and-white and colour photography.

Minister announces budget increases for NSERC

The Honourable Donald J. Johnston, Minister of State for Science and Technology and for Economic Development, announced an \$18 million budget increase for the Natural Sciences and Engineering Research Council (NSERC).

Speaking to the more than 250 scientists and engineers gathered in Ottawa to evaluate research proposals submitted to the Council, Mr. Johnston noted that the increase will bring NSERC's budget to \$244 million this fiscal year. It will enable the Council to continue its program of helping universities acquire state-of-the-art research equipment.

Since the Council's Five-Year Plan was announced in 1980, its budget has grown by \$124 million. Over the three year period, about \$120 million has gone to the acquisition of new scientific equipment. In addition, the support to university training initiatives has grown from \$10 million to \$36 million a year within the same period. NSERC has already allocated \$47 million for this purpose in 1983/84.

Mr. Johnston noted that the Council's concerted effort to improve university research and research training is a major component of the government's effort to increase research and development in Canada. NSERC is the largest single funder of university research and development. It offers scholarship and fellowship programs for postgraduate studies and postdoctoral research.

Notes from AUCC . . .

FUNDING FOR PROJECTS RELATED TO CANADA'S NATIVE PEOPLE

- DALHOUSIE UNIVERSITY'S Maritime school of social work and the Union of Nova Scotia Indians have undertaken a project which over the next 18 months seeks to develop an employment strategy for the status Micmac people of Nova Scotia and put into place the organizational and other mechanisms required to implement it. The budget includes a \$125,000 grant from the Donner Foundation with additional support from the Department of Indian and Northern Affairs, the Union of Nova Scotia Indians, Dalhousie and the Institute for Research on Public Policy.
- The Donner Foundation is also supporting establishment of a centre for management and development studies in northern Manitoba through THE UNIVERSITY OF MANITOBA'S continuing education division in cooperation with the Keewatin Tribal Council which represents 13 Indian bands in northern Manitoba. The centre will assist native people and others from the North in acquiring the management skills needed for their communities, organizations and enterprises. Establishment of the centre is a further extension of the certificate program that the Keewatin Council and the university have operated for the past two years.

MORE ON RESEARCH . . .

- THE UNIVERSITY OF GUELPH plans to open a multidisciplinary gerontology research centre to facilitate and promote the study of population aging. The centre will be supported by a three-year grant from SSHRC. The aging family and environmental contexts of aging are to be studied.
- ST. THOMAS UNIVERSITY has received funding for the establishment of a chair of studies in aging. The \$300,000 grant from the RWH Foundation of Montreal makes it possible for the university to accelerate plans to create a centre that will focus on research, study, teaching, community development and human relations in the field of aging.

- THE UNIVERSITY OF CALGARY has received \$3 million from the Canadian Foundation for Ileitis and Colitis (CFIC) to establish an intestinal disease research unit in the faculty of medicine. The grant will fund the unit until 1989.
- MCMASTER UNIVERSITY has received \$3.2 million from the CFIC to establish an intestinal disease research unit in its faculty of health sciences. The unit will operate as an interdisciplinary group concentrating on basic research, clinical service and education. As with the grant to the University of Calgary, the monies will fund the unit to 1989.

ACE TO MAKE TELECONFERENCE TAPES AVAILABLE

The American Council on Education (ACE) has advised the AUCC that video-tapes of its February 7, 1983 teleconference on "Early retirement incentives and career change options" will be available shortly. Cost is not known at this time. Those interested in copies should contact Daryl Ferguson, conferences, ACE, one Dupont Circle, Washington D.C. 20036 (202-833-4750). Of those institutions responding to the AUCC telex announcing the teleconference, Memorial, Mount St. Vincent and the University of New Brunswick indicated that they were either equipped to receive the transmission directly or could access it through an external facility.

MPHEC RECOMMENDS 1983-84 FUNDING

The Maritime Provinces Higher Education Commission (MPHEC) report **Financial Plan 1983-84**, released on January 12, contains the following recommendations regarding the maritime postsecondary institutions: an increase of 12.1% for maintaining on-going activities; an additional 1.8% for program expansion at several institutions; and 0.75% for equalizing the assistance levels of Nova Scotia institutions currently receiving low levels of support. The MPHEC recommendations assume that institutions will increase tuition fees at a rate similar to the increase in general operating assistance and that government student aid plans will be adjusted accordingly. The Commission, in making its recommendations, did not take into account any reductions in financial requirements that might result from wage restraint programs such as the one recently announced in Nova Scotia. For further information contact MPHEC, P.O. Box 6000, Kings Pl., Fredericton E3B 4H1 (506-455-5046).

In its October 1982 brief to the MPHEC, the Association of Atlantic Universities (AAU) suggested: inclusion of a 3% increase factor in determining the level of government operating grants to adequately reflect enrolment increases; and a total increase in university income of over 12% to maintain services at their present levels even if salary increases are limited to 6%. With no wage restraints, the overall requirement would be 15%. The brief points out that the effects of wage restraints on the universities are generally not known, but states that about 75% of university operating expenditures are for salaries and that wage restraint programs would have a direct effect on university financial requirements. For further information contact J. R. Keyston, executive director, AAU, St. 702, 6080 Young St., Halifax B3K 5L2 (902-453-2775).

CORPORATE/UNIVERSITY INITIATIVES

- THE UNIVERSITY OF ALBERTA is host to a new computer-assisted design and computer-assisted manufacturing (CAD-CAM) facility established through donations from Bechtel Canada and Computervision Corp. Funding in excess of \$425 thousand from Bechtel enabled the university to obtain matching funds from the provincial government to purchase an advanced computer system from Bechtel. More than \$830 thousand from Computervision will supplement hardware for the system so that engineers and students can develop and manufacture for testing, apparatus ranging from electronic circuits to mirrors for laser technology.
- THE UNIVERSITY OF WATERLOO and IBM Corp. have entered into a joint development project — valued at \$6 million — to develop and test software in the university community. In addition, the university and IBM Canada Ltd. have reached an agreement to: extend the availability of personal computing facilities for students; establish an on-line technical information retrieval centre at the university; and undertake research projects on the use of computers for process control and other applications. Personnel from IBM Canada are to work closely with the university during the three-year period of the agreement. The total value of the arrangements is approximately \$17 million — IBM's contribution being \$11 million, with Waterloo's contribution estimated at \$6 million in space, faculty salaries, and upkeep.

Air purifiers subject of study

It seems as if Canadians are locked into a vicious cycle over insulation. First the Federal government implored us to insulate and tighten our homes in a desperate bid to reduce Canada's dependence on oil. Now the government bedevils us with fears of too tightly secured houses and threats of indoor pollution.

Two chemistry professors at Saint Mary's University, Dr. Clive Elson and Dr. Don Davies, are working on a project, funded through Canada Mortgage and Housing Corporation, to develop air purifiers to reduce the level of indoor pollutants.

Dr. Elson hastened to add that the situation is not critical but scientists are looking into the effects of long-term exposure to low levels of contamination.

"Canadians," he said, "spend a lot of time in their homes."

He quoted Swedish statistics that indicate Swedes spend 71 per cent of their time in their houses. Given a similar climate and lifestyles, it is reasonable to assume that Canadians spend roughly as much time at home. However, we are building well-insulated houses that lose less than one-tenth the air older homes let escape through cracks, chimneys and air ducts. Meanwhile, we are introducing more and more materials with potentially contaminating compounds into our homes and this is creating cause for concern.

The most well-documented problem is urea-formaldehyde foam insulation which many feel is causing health problems. Dr. Davies doubts the problem is the insulation itself but may be a degradation product of the foam. Anyhow, formaldehyde is everywhere. It is the fire retardant in plywood glues, drapes, carpets and upholstery fabrics. Mobile homes are particularly sensitive because they are very air tight and normally panelled with wood treated with formaldehyde.

Formaldehyde is not the only pollutant. Nitrogen dioxide and sulfur dioxide are released by kerosene heaters and gas burners. Other pollutants are released by a range of household products, aerosol cans release butane and aftershave lotions release alcohol. Oil storage tanks emit hexane and heptane, among others. Amines (ammonia) invade the house through chemical cleaning agents and even body odours. Styrofoam produces chlorinated hydrocarbons and drycleaning fluids leave traces of dichloroethane, a nice stable compound, according to Dr. Elson, that cannot be easily oxidized and must be removed by an absorbent. In winter we store garden products in our basements, including herbicides and pesticides, as well as gasoline for lawnmowers and snowmobiles.

In Nova Scotia we have a unique problem of our own. With a high natural background level of uranium, radon gas, a decomposition by-product of uranium, is present in groundwater, rocks and soil. Radon gas in low levels is emitted by the concrete that forms the foundations of every building in this province.

How to remove these gaseous contaminants is the basis of Dr. Davies' and Dr. Elson's project. One method is an air-to-air heat exchanger that recovers up to 75 per cent of heat in air passing through the exchanger to the outside and transfers this heat to incoming air reasonably efficiently. The Saint Mary's project, however, is concerned with testing absorbent compounds that can be attached to a simple fan, such as is now available commercially for removing cigarette smoke from a room, or to a room humidifier.

The most well known absorbent is activated charcoal, the compound in shoe inserts for foot odour. One gram of charcoal that has been activated, explained Dr. Davies, will change its porous structure and increase its surface area to the size of a football field. The two chemists are testing a series of mixtures of absorbent compounds to find effective compounds that will absorb a range of contaminants. They are about half-way through their tests and have already found one or two that look promising.

The results of their experiments will be submitted in a report to the Canada Mortgage and Housing Corporation next spring. A synopsis of their research will then be distributed to the chemical industry through the CMHC newsletter and interested companies may elect to follow-up on their research and produce commercial absorbents.

New computer arrives at the University

It doesn't do windows but the new VAX 11/780 computer at Saint Mary's does do a whole lot more. Purchased to handle the needs of students and faculty, the computer is capable of coping with more than 100 terminals simultaneously and with much larger programs. It is talkative, too, able to communicate in a number of computer languages and to other computers at other centres, including the one at Dalhousie University.

The old computer had just about reached the limits of its capacity, explained Mike Tingley, Head of Computer Services. With more programs in computer science being introduced by the University every year, a new computer with a greater capacity was needed. The old one isn't quite ready to be put out to pasture, however. Instead it will be turned over for use by the various departments in the University administration.

The new one, meanwhile, is being prepared to come on-line at the end of this academic year, just in time for the first Summer Session.

Saint Mary's selected to take part in CASE program

The Federal Business Development Bank has selected Saint Mary's University as one of five Canadian universities participating in the Bank's CASE (Counselling Assistance to Small Enterprises) program. This program links small businesses with students who act as advisors, analyzing and recommending solutions to a number of projects. These may include projects on cash flows, advertising and promotion, inventory control, incorporation, and general accounting procedures. The aim is to foster close relations between the universities and the small business communities.

In each CASE project there are four participants: the Federal Business Development Bank CASE counsellor, a CASE co-ordinator (selected from the faculty at Saint Mary's) and a Commerce student. The CASE counsellor screens all potential assignments before contacting the appropriate CASE co-ordinator at Saint Mary's. The co-ordinator, in turn, approaches a course instructor for a qualified student willing to undertake the CASE project as part of a course grade.

The student working on each project is involved with early diagnosis, report preparation and, occasionally, in the implementation of suggestions made. The student is also responsible for producing an analysis of the situation and providing a copy of the report to the course instructor and CASE counsellor. Each project takes approximately 12 hours to complete. There is no remuneration but expenses incurred are reimbursed.

The CASE program is open to both graduate and undergraduate students. More information is available from the office of the Dean of Commerce.



Programmer/Analyst Steve Feindel checks the new VAX 11/780 computer.

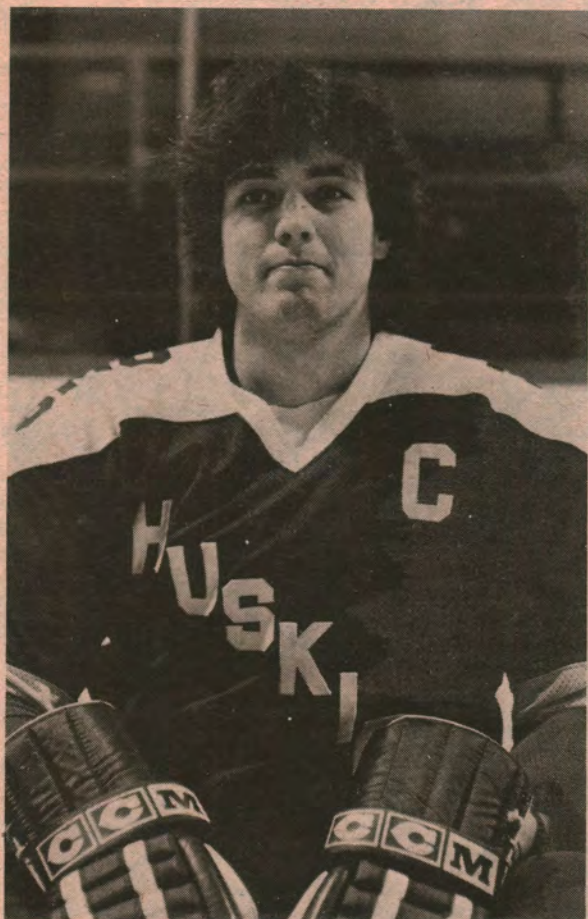
Part-time students association formed

The Saint Mary's University Association of Part-Time Students was formally established February 28, at which time a constitution was adopted and executive officers were elected. The Association has been accepted by the Students' Representative Council as an Alpha society and has been allocated a budget.

Elected members of the Association's Executive include: John Buckland, President; John Covey and Christine Baker, Vice-Presidents; Gary Gaudet, Treasurer; and Members-at-Large Margaret Ann Bennett, Glen Urquhart, Jean Addison and Shirley Buckler. The position of Secretary is still vacant. The first general meeting of the Executive was held March 7.



The Trustees of the VII Pan American Wheelchair Games made two donations to the University: one a \$1,000.00 unrestricted gift and the other to endow a \$2,500.00 award to provide an annual bursary to a wheelchair student enrolled at Saint Mary's. Shown at the cheque presentation are Mrs. Elizabeth Chard, Games Organizing Committee and Mr. Kenneth MacRae, Vice-Chairman of the Games.

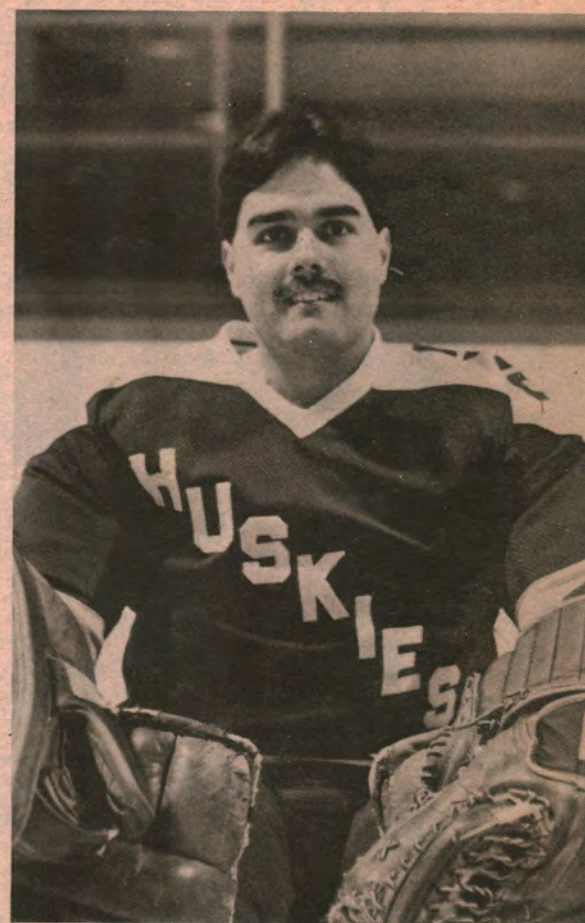


Mike Kelly

Two Saint Mary's hockey players score points with the officials

The Hockey Huskies may not have brought home the Atlantic Universities Athletic Association's (AUAA) championship this year, but two of the team's star players continue to win accolades.

Both goalie Mark Locken and defenceman Mike Kelly ended the season as AUAA and CIAU (Canadian Interuniversity Athletics Union) All-Star players. Mark was also acclaimed Most Valuable Player in both leagues. The two Commerce students are now training for the Canadian Olympic team.



Mark Locken

RESIDENCE SOCIETY AWARDS BANQUET

Date: Friday, March 18, 1983
 Time: 6:00 p.m. — 1:00 a.m.
 Place: Multi Purpose Room
 Entertainment: Rox

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.

CONTINUING EDUCATION

Monday to Friday 9:00 a.m.-5:00 p.m.

LIBRARY

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 5:00 and 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.

Library Hours

The Patrick Power Library will be open for the following hours during the Easter holiday weekend and the two weekends prior to and during the final examination period:

Friday, April 1 — 9 a.m. - 11 p.m.
 Saturday, April 2 — 9 a.m. - 5 p.m.
 Sunday, April 3 — 1 p.m. - 11 p.m.
 Monday, April 4 — 9 a.m. - 11 p.m.

Extended Hours

Saturday & Sunday
 April 9 & 10 — 9 a.m. - 11 p.m.
 Saturday & Sunday
 April 16 & 17

Ryan's Fancy on Campus from Saint Mary's University

CBC-TV will rebroadcast the premiere program of Ryan's Fancy on Campus on Saturday, March 19 at 8:30 p.m. This show, which was taped last October in the Theatre Auditorium at Saint Mary's, featured guests Peggy Quin, Blair Jerrett and the DixieTech Seven.

Highlight of the program was a rendition of "Rose of Moncoin" by Denis Ryan in memory of Father John Hennessey. This song was a favourite of Father Hennessey.



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