

*Then come the wild weather,
come sleet, or come snow,
We will stand by each other
however it blow.*
Longfellow

Saint Mary's University
Halifax, Nova Scotia

November 1982
Volume 12, Number 3

Science Saturday 1982



D. Thompson

Dr. John Young (chemistry) demonstrates for high school students during last year's Science Saturday.

Snow, snow, snow

Thick, swirling snow—a child's delight: it's the bane of the commuting motorist. So, before the season descends on us in its full fury, now is the time to review the University policy on storm weather conditions.

It is the University policy to remain open if at all possible. Only under the most severe conditions will a decision be made to close as consideration must be given to the disruption of lectures, scheduled tests and examinations.

In the event of an overnight snowstorm in the Metro area, announcements regarding cancellation of classes or closure of the University will be made on local radio stations. The decision to close will be made by the President who will relay the information to the Public Relations Director who, in turn, will inform the media so that public service announcements may be made as soon as possible. Please do not call the University switchboard. The operators may not be able to get in because of the snow and, in any event, too many calls will overload the switchboard. Instead, stay tuned to your local radio station.

If a severe snowstorm develops during the day, the President will decide whether or not to close. His decision will be forwarded to the Personnel Officer, who will then inform all employees. Please direct all telephone calls for information to the Personnel Office.

Chemistry professor awarded

"Silver Medal"



A. Thompson

Drugs to combat malignant melanoma, a potentially fatal form of skin cancer, is a source of continued interest to chemistry professor, Dr. Keith Vaughan of Saint Mary's University in Halifax. His research into biologically active compounds that reduce or halt the spread of the disease earned him the 1982 Silver Medal from the Royal Society of Arts, London, England.

The Royal Society makes an annual award to a recipient from the Atlantic region, the only part of Canada where such awards are presented. Each year the theme for the award varies and this year it was presented on the basis of "contribution to scientific research with manufacturing or applied medical potential".

The Medal was presented to Dr. Vaughan by Dr. George Stanley, Lieutenant Governor of New Brunswick, at the Royal Society's annual dinner and meeting of Fellows, held September 25, 1982 at the home of Mitchell Franklin of St. Martin's, New Brunswick. In making the presentation to Dr. Vaughan, Dr. Stanley said that it was made for "research into drugs for alleviating skin cancer." Dr. Brian Newbold of Université de Moncton officiated at the dinner and meeting.

Acting Administrative Vice-President appointed



Jamie Crosby

Saint Mary's University, president Dr. Kenneth Ozmon announced the appointment of Guy Noel, as Acting Administrative Vice-President, effective October 1, 1982. He was Director of University Services until his recent appointment.

Mr. Noel has been on the staff of Saint Mary's for 13 years during which time he held a number of administrative positions, including assistant to the Academic Vice-President and Director of Planning and Information Services.

A native of River Bend, Québec, he is a graduate of St. Francis Xavier University and the Technical University of Nova Scotia. Prior to joining Saint Mary's, he worked in Québec for Canadian International Paper, and subsequently for the Halifax office of the Food and Drug Directorate of the Department of National Health and Welfare and the Nova Scotia Research Foundation.

Philosophers convene at Saint Mary's

The 13th Conference of the Atlantic Philosophical Association was held at Saint Mary's University from October 1 to 3, 1982. The theme this year was *The Philosopher's Responsibilities to Society*, although more than one-half of the 24 papers presented at the Conference addressed other philosophical problems.

Guest speaker was Dr. Storrs McCall of McGill University, who spoke on the difficulties involved in measuring the quality of life. At the second Plenary Session, Dr. David Braybrook of Dalhousie University and Dr. Neil MacGill of the University of New Brunswick presented papers.

Members of the Philosophy Department at Saint Mary's also participated. Papers were presented by Dr. R. Beis, *Natural Law Revised: The New Intuitionism*; Dr. P. March, *Living the Examined Life*; and Dr. R. Marshall, *The Philosopher and Society: Raising Questions, Offering Alternatives*. Dr. A. Monahan commented on the paper, *Hobbes Contractarianism in the 20th Century* and Professor Sheila Kindred commented on a paper presented by Professor Tyrone Lai of Memorial University, *The Naturalization Arguments: A Non-ends-means Form of Value Justification*. Professor Shelagh Crooks chaired Professor Ronald Glasberg's (Mount Saint Vincent University) presentation of a paper entitled, *Interviews with Philosophers on the Nature of Philosophy: Answering—The Challenge of Science*.

Faculty Publications

GENE BARRETT (Sociology), "Capital and the State: The Structural Context of Fishery Policy Between 1939 and 1977", C. Camson-Dickie (editor), *Fisheries Decision-Making: Perspectives on East Coast Canada Policy-setting and Implementation*, 1982.

LINDA CHRISTIANSEN-RUFFMAN (Sociology), review of "The Double Standard: A Feminist Critique of Feminist Social Science" by Margaret Eichler, *Canadian Review of Sociology, Anthropology*, 19 (February), p. 124-127.

THEODORE B. CIUCIURA (Political Science), review of Maurice D. Simon and Roger E. Kanet (editors), "Background to Crisis: Policy and Politics in Gierek's Poland" (Boulder, Colorado, Westview Press, 1981). *Canadian Slavonic Papers*, Vol. XXIV, No. 1 (March 1982), p. 102-104.

THEODORE B. CIUCIURA (Political Science) and ROMAN NAHREBECKY (Modern Languages and Classics), "The Diet of Bukovina, 1861-1914: An Area of Rumanian-Ukrainian Conflicts and Co-operation". *Symbolae in Memoriam Wasyli Oreleckyj, 1895-1976* (Studia T. IX; Munich: UFU-Cicero Press, 1982), p. 15-31.

THEODORE B. CIUCIURA (Political Science), review of Derek W. Urwin, "From Ploughshare to Ballotbox: The Politics of Agrarian Defence in Europe", (Oslo-Bergen-Tromso: Universitetsforlaget, 1980). *Canadian Journal of Political Science*, Vol. XV, No. 3 (September 1982), p. 644-646.

THEODORE B. CIUCIURA (Political Science), "Autonomy Without Separation: The Case of Austro-Hungarian Compromise of 1867". *Symbolae in Memoriam Georg Panejko, 1866-1976* (Studia T. X; Munich: UFU-Cicero Press, 1982).

THEODORE B. CIUCIURA (Political Science) and ROMAN NAHREBECKY (Modern Languages and Classics), "The Role of German Language and German Community in the Multi-lingual Austrian Kronland of Bukovina, 1775-1918". *Mitteilungen*, Vol. XIX (Munich: Arbeits-und Forderungsgemeinschaft der Ukrainischen Wissenschaften e.V., 1982).

RONALD COSPER (Sociology), Brigitte Neumann, ISHMAEL OKRAKU (Sociology), "Public Drinking in Canada and the United States: A Comparative Analysis of Sample Surveys", *International Journal of Comparative Sociology*, Vol. 23, no. 3 & 4, (September-December 1982).

David Elliott and RONALD COSPER (Sociology), "The Time-Budget Study of Tavern-going: A validation", *Journal of Studies in Alcohol*, Vol. 43, no. 3 (March), p. 397-403, 1982.

J. COLIN DODDS (Finance and Management Science), "Modelling the Portfolio Behavior of British Building Societies", *Managerial Finance* Vol. 7, no. 3, and now published in *Portfolio Modelling and Financial Institutions*, edited by J.C. Dodds, Barmarick, 1982.

J. DOSTAL (Geology), C. Dupuy, G. Venturelli, "Geochemistry of volcanic rocks from Monte Arci (W. Sardinia)", *Chemical Geology*, 35, p. 247-264, 1982.

H. Bertrand, J. DOSTAL (Geology), C. Dupuy, "Geochemistry of Early Mesozoic Tholeiites from Morocco", *Earth Planet. Sci. Lett.* vol. 58, p. 225-239, 1982.

J.M. Liotard, C. Dupuy, J. DOSTAL (Geology), G. Cornen, "Geochemistry of the Volcanic Island of Annobon, Gulf of Guinea", *Chemical Geology*, Vol. 35 p. 115-128, 1982.

A. Leyreloup, J.L. Bodinier, C. Dupuy, J. DOSTAL (Geology), "Petrology and Geochemistry of Granulite Zenoliths from Centra Hoggar (Algeria)—Implication for the Lower Crust", *Contrib. Mineral. Petrol.*, vol. 79, p. 68-75, 1982.

J. DOSTAL (Geology), C. Dupuy, C. Coulon, "Cainozoic Andesitic Rocks of Sardinia (Italy), *Andesites: Orogenic Andesites and Related Rocks*, edited by R.S. Thorpe. John Wiley and Sons, New York: 1982, p. 353-370.

L. Beccaluva, J. DOSTAL (Geology), G. Serri, "Geochemical Characteristics of the Mantle Sources Inferred from the Geochemistry of Basaltic Lavas Dredged From the Island Arc and Oceanic Walls of Marianna and Yap Trenches", *IAVCEI-IAGC Scientific Assembly: Generation of Major Basalt Types*, Reykjavik, Iceland, p. 3, 1982.

BRIJ M. KAPOOR (Biology), review of "Tulips: Taxonomy, Morphology, Cytology, Phytogeography and Physiology" by Z.P. Botschantzeva in *Science Books and Films, American Association for the Advancement of Science*, Vol. 18 (2), 79, September/October 1982.

WENDY KATZ (English), review of "Childhood Regained: The Art of the Storyteller" by Fernando Savater, in *Dalhousie Review*, Winter 1981-82.

WENDY KATZ (English), "Laissez-faire Discrimination", a review of "Discrimination, Affirmative Action and Equal Opportunity", edited by Walter E. Block and Michael A. Walker, *Policy Options*, July-August 1982.

Extended Library hours

The Patrick Power Library will be open on Saturdays and Sundays from 9:00 a.m. to 11:00 p.m. on weekends from November 27 to December 12. The Reserve Reading Room and the Information Desk will also remain open.

Students may study from 11:00 p.m. to 1:00 a.m. in Room L133 of the Loyola Building from Sunday, November 28 to Tuesday, December 14, inclusive.

GEORGE F. MITCHELL (Astronomy) and TERRY J. DEVEAU (Graduate student), "A Calculation of Molecule Abundances Behind Slow Shocks", *Regions of Recent Star Formation*, edited by R.S. Roger and P.E. Dewdney (Dordrecht: Reidel), p. 107-116, 1982.

Wesley T. Huntress, Shev. S. Prasad, GEORGE F. MITCHELL (Astronomy), "Chemical Models of Cometary Comae", *Proceedings of Cometary Summer School*, Nagoya, Japan, 1981, p. 91-101.

MICHAEL OVERINGTON (Sociology), "A Rhetorical Appreciation of a Sociological Classic: Durkheim's Suicide", *Canadian Journal of Sociology* 6(4): 447-461, 1981.

MICHAEL OVERINGTON (Sociology), "Responsibility and Sociological Discourse", *Qualitative Sociology*, 5(2), Summer 1982.

MICHAEL OVERINGTON (Sociology), and Iain L. Mangham, "Dr. Stryker's Fabulous Booke Where a Beaste With One Wyng Taketh a Predictable Cours", *Symbolic Interaction*, 5(1): 157-165, 1982.

DAVID PERRIER (Sociology), "Nova Scotia Police", *R.C.M.P. Quarterly*, Vol. 47, no. 3, Ottawa, summer 1982.

A.A. Al-Furaih and Q.A. SIDDIQUI (Geology), "The Ostracod Genus *Anommatocythere* from the Middle Eocene of Pakistan and Saudi Arabia", *Journal College of Science*, University of Riyadh, vol. 12, no. 2, p. 429-441, 1981.

Noteworthy Notes

Several members of the Faculty of Commerce attended the Atlantic School of Business Conference, held October 21 and 22 in Sackville, New Brunswick.

DR. VEDAT BAYDAR (Marketing) discussed a paper presented at the marketing session.

DR. T.P. HARI DAS (MBA Director) and PROFESSOR WEI MIN NG (Finance and Management Science) presented a paper on *Corporate Responses to Scarcity Conditions: Evidence from the Field*, co-authored by MBA student MARGOT KNOX.

DR. DAS and DR. HERMANN SCHWIND (Management) took part in a debating session *Business and Society: Managing the Interface*.

PROFESSOR JACK GALE (Management) presented a paper on *Business Schools and Society: Can We Afford to Avoid People Pitfalls?*

DR. F.C. (RICK) MINER (Dean of Commerce) attended a meeting of the Atlantic Deans of Business.

DR. SHRIPAD PENDSE (Management) presented a paper on *Profit Sharing and the Theory of Organizational Forms: A Literature Review and Synthesis*, which was co-authored by DR. ARUN MUKHOPADHYAY (Economics).

DR. RICHARD SPARKMAN (Marketing) critiqued two papers.

Also participating in the conference were DR. MILTON CHEW (Finance and Management Science); DR. FRANK DOUGHERTY (Accounting); PROFESSOR LISSA McRAE (Management); PROFESSOR ZAHORUL QURESHI (Marketing); DR. EARL ROBINSON (Finance and Management Science); and PROFESSOR GREG WALSH (Accounting).

PROFESSOR GENE BARRETT (Sociology), with assistance from DR. HENRY VELTMAYER (Sociology) presented a paper on *Small capital and contracting out: Some preliminary indicators in the fish processing sector* at the annual meeting of the Atlantic Association of Sociology and Anthropology, held at St. Francis Xavier University, March 1982.

DR. LINDA CHRISTIANSEN-RUFFMAN (Sociology) presented a paper on *Women's Political Culture and Feminist Political Culture* at the World Congress of Sociology, Mexico, 1982.

DR. THEODORE B. CIUCIURA (Political Science) presented a paper on *The Polish-Ukrainian Conflicts and Co-operation in the Galician Diet and Austrian Parliament, 1861-1914* at the Conference on Polish-Ukrainian Relations in New York City, October 2. The Conference was co-sponsored by the Polish Institute of Arts and Sciences of America and Shevchenko Scientific Society, with the assistance of the Columbia University of International Relations.

DR. RONALD COSPER (Sociology) and Brian L. Kinsley presented a paper on *The Effects of Social Class on Preferences for Cultural Spectacles: An Illustration of the Conjoint Analysis of Opinion Data* at the annual meeting of the Canadian Sociology and Anthropology Association, Ottawa, June 5-9, 1982.

DR. COSPER and Susan M. Shaw presented a paper on *The Validity of Time-Budget Studies: A Comparison of Frequency and Diary Data in Halifax, Canada* at the Tenth World Congress of Sociology, Mexico City, August 15-20, 1982.

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:

20 Aug. 1982	— 805.24
27 Aug. 1982	— 832.28
3 Sept. 1982	— 856.95
10 Sept. 1982	— 843.17
17 Sept. 1982	— 868.18
24 Sept. 1982	— 867.34

DR. DON DAVIES (Chemistry) was recently elected Chairman of the Canadian Council of Provincial and Territorial Sport Federations Inc. and was also elected Director of the Sports Federation of Canada.

DR. BERNARD DAVIS (Education) presented a paper on *All Immigrant ESL Class or Regular Classroom Placement?: An Evaluation of a Program for Immigrant Pupils at St. Francis School, Halifax, N.S.* at a meeting of Teachers of English as a Second Language, Saint Mary's University, October 21.

DR. COLIN DODDS (Finance and Management Science) has been appointed to the editorial board of the journal, *Managerial Finance*, and has also become Canadian editor for the *Journal of Enterprise Management*.

DR. WENDY KATZ (English) will present a paper on *American and Canadian Perspectives on Affirmative Action: A Response to the Fraser Institute* at the annual conference of the Canadian Research Institute for the Advancement of Women, November 21.

FATHER WILLIAM LONG (Physics) conducted a workshop in *Digital Electronics* for 15 students from the Horton District High School, Wolfville, on October 14.

DR. JAMES MORRISON (International Education Centre) has been elected to the Executive Committee of the United Nations Association in Canada. He has been a member of the Board for a number of years and is currently Chairman of the Development Education Committee. He has served on the executive of the Halifax-Dartmouth branch of the United Nations Association in Canada since 1979.

DR. ARUN MUKHOPADHYAY (Economics) and DR. SHRIPAD PENDSE (Management) presented a paper on *Profit Sharing: A Comparison, Evaluation and Integration of Management and Economic Approaches* at the 9th annual meeting of the European Association for Research in Industrial Economics, Leuven, Belgium.

DR. ISHMAEL O. OKRAKU (Sociology) presented a paper on *Social and Economic Adjustment Among Retired Public Servants in Ghana* at the Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, Winnipeg, November 4-7, 1982.

DR. MICHAEL OVERINGTON (Sociology) was a discussant at a conference on *Qualitative Approaches to Organizations*, University of Bath, England, April 19-21, 1982.

DR. OVERINGTON has been appointed as a review editor of *Symbolic Interaction*.

DR. OVERINGTON received a Saint Mary's University Research Grant to fund ongoing work as Visiting Fellow in the Centre for the Study of Organizational Change and Development, University of Bath, April - July 1982.

DR. SHRIPAD PENDSE (Management) presented a paper on *Organization Development in the Classroom* at the Administrative Sciences Association of Canada Conference, Ottawa, May - June 1982.

DR. PENDSE attended the annual conference of Organizational Behavior Teaching Society, Cleveland, Ohio, June 1982.

DR. DAVID PERRIER (Sociology) has been on sabbatical leave (1981-82), involved in field work with the Federal Force of the Royal Canadian Mounted Police and conducted research on the problems, encounters, and decisions characteristic of routine policing by law enforcement officers.

DR. PERRIER completed *A Reappraisal Report—The Dartmouth Police Force's Performance Evaluation System*, April, 1982.

DR. PERRIER spoke at Police Professionalism and Human Behaviour sessions for four senior investigator courses, sponsored by the RCMP, January and February 1982.

DR. PERRIER was elected vice-president of the Nova Scotia Police Commission Crime Prevention Committee, 1982-83.

DR. PERRIER is a member of the Working Group on Standards and Accreditation, Atlantic Region, Canadian Association for the Prevention of Crime, 1982-83; and is a member of the Interim Advisory Board, Atlantic Institute of Criminology, August 1982.

DR. CAROL PYE (Psychology) received the Longwood's Doctoral Dissertation Award from Queen's University for her doctoral thesis, *Postpartum Depression: A Prospective Multivariate Study of Normal Primiparous Women*, 1981.

DR. HELEN RALSTON (Sociology) presented a paper on *Basic Christian Communities: Movements of Revolutionary Change in Latin America* at the World Congress of Sociology, Mexico City, August 16-21, 1982.

DR. RALSTON was discussant in a session on *The Church in Latin American Politics* at the annual meeting of the Society for the Scientific Study of Religion in Providence, Rhode Island, October 22-24, 1982.

DR. HERMANN F. SCHWIND (Management) served as a discussant at the 9th annual meeting of the European Association for Research in Industrial Economics, Leuven, Belgium.

DR. NORMAN SCRIMGER (Astronomy) and DR. GEORGE F. MITCHELL (Astronomy) presented a paper on *Post-shock abundances in a low density interstellar cloud* at The Canadian Astronomical Society, Toronto, May 1982.

DR. Q.A. SIDDIQUI (Geology) presented two papers at the 8th International Symposium on Ostracoda at the University of Houston, Texas, July 1982: *The biostratigraphic significance of four ostracod genera (Alocopocythere, Gyrocythere, Phalcoocythere and Stigmatocythere) in the early Tertiary of Pakistan, with a note on their zoogeography* and, with Ursula M. Grigg, *Comparison of ostracod faunas from the western North Atlantic margins, with a note on possible avenues of dispersal*.

LIZ STEVENS (Information Office) attended the regional conference of the Association of Universities and Colleges Information Bureaus at the University College of Cape Breton, October 15.

PROFESSOR GREG WALSH (Accounting) attended a workshop for departmental chairmen at Brudenell, October 3-7, 1982. The workshop was organized by the Institute for Departmental Leadership, Atlantic Universities, c/o the University of Prince Edward Island.

Season's Greetings



December holidays

December 8 Patronal feast

December 24 - Christmas vacation
January 3

APBR receives federal grant



Stevens

The Atlantic Provinces Book Review, the highly respected literary review of books about the Atlantic region or by Atlantic Canadian writers, has been lifted out of financial doldrums by a substantial grant from the Canada Council. The Review, which is published by Atlantic Canada Studies program at Saint Mary's University, received \$33,000 from the Council

last summer. The grant is intended to enable the Review to continue to be published four times a year, and to enable the editor, Dr. Terry Whalen, to promote it across the region. The application for the grant was strongly supported by Greg Cooke of the Writers' Federation of Nova Scotia and Angela Rabiero of the Atlantic Publishers' Association.

Under the terms of the agreement with the Canada Council, the Review will continue with the same format, publishing quality reviews of new books. However, future editions will have a fresher approach, with shorter reviews, many written by non-academics from across Atlantic Canada, including writers, publishers and journalists. A Board of Directors has also been established with representatives from Atlantic Canada Studies program at Saint Mary's, the Writers' Federation and the Atlantic Publishers' Association. In time other representatives from the Atlantic Librarians' Association, the Atlantic Booksellers' Association and the print media will be seated on the Board.

A new aspect of the Review is the Atlantic Provinces Book Service, which will supply

tearsheets of reviews on a monthly basis to subscribers to reprint in their publications. To date, all the major dailies in the region have subscribed to this new service.

Dr. Whalen spent much of the month of August travelling around Atlantic Canada to promote circulation of the Review and interest newspaper editors in the Book Service. He now has a firm commitment from 50 regional bookstores who will make copies of the Review available to patrons. Copies will also be made available to libraries and museums on request. All this has meant that circulation of the Book Review has risen from 5000 copies to about 15,000. Dr. Whalen was also able to compile a list of qualified reviewers from the four Atlantic provinces.

The first edition of the Atlantic Provinces Book Review supported by the Canada Council and containing 18 reviews from across Atlantic Canada, was published in early November. Whether Canada Council support will continue, admits Dr. Whalen, depends on how well the Review is accepted throughout the region by newspaper and journal editors, booksellers and the general public.

Reuben and Helen Hornstein Bursary established



Stevens

Reuben Hornstein presents Dr. Kenneth Ozmon with a cheque for \$5000, the initial contribution of a \$10,000 pledge for the Reuben and Helen Hornstein Bursary. The Bursary has been established for second, third or fourth year students honouring in anthropology, geography

or physics, or graduate students enrolled in the Master of Science degree program in astronomy. It will first be awarded in September 1983. Mr. Hornstein received an honorary Doctor of Letters degree at the 1982 Convocation ceremony at Saint Mary's University.

Focus on the International Education Centre

December 10 Human Rights' Day. A program for students on global human rights issues, with discussions and workshops.

Special presentation of *Siswe Bansi is Dead*, a play by Karanja Ngorge, a Dalhousie student, and David Woods of the Black United Front.

February 17 Heritage Day *Confronting the Realities: Is Canada Multi-cultural?*, a program for students.

February 1983 *Our World in the Eighties*. A new series at the Halifax City Regional Library, Spring Garden Road. Watch for further details.

Contract Education discussed at Saint Mary's

Floyd Tuzo of the Canadian Bureau of International Education (CBIE) led an information session on contract education for representatives from Saint Mary's, Dalhousie, Acadia, Mount Saint Vincent and St. Francis Xavier Universities as well as the Technical University of Nova Scotia.

Of specific interest during the session was the discussion of approximately 250 Libyan students, many of whom should be ready to begin Engineering studies at post-secondary institutes in Canada in January 1983. The Libyan Government provides funds through the CBIE for the further education of these and other Libyan students at Canadian post-secondary institutes. Since none of the universities who had representatives in attendance have ever been engaged in this type of contract education before, considerable interest was shown in the information made available.

Later that evening, Dr. James Morrison, Director of the International Education Centre,

hosted a wine and cheese party at which non-Canadian students at Saint Mary's had an opportunity to meet and chat with Mr. Tuzo, and to learn about the multi-faceted activities of the CBIE.

Members of the Saint Mary's University faculty and administration who attended the information session included Dr. D. Williamson, Dean of Science; Dr. R. Miner, Dean of Commerce; Dr. T. Musial, Dean of Arts; Dr. J. Morrison, International Education Centre; Keith Hotchkiss, Director of Student Services; and Elizabeth Chard, Registrar.

Of special interest to students . . .

Silver Jubilee Awards

Applications for the Queen Elizabeth Silver Jubilee Endowment Fund for Learning a Second Language are now available from the Financial Aid Officer. Applications must be submitted by January 15, 1983.

Everyone is invited

to an

OPEN HOUSE

(November 29 - December 3)

at the

International Education Centre

on the occasion of the

Tenth Anniversary Celebrations
(1972 - 1982)

Talks and Entertainment

Watch for further details

At the Art Gallery

Exhibitions

November 17 - December 15: CANADA COUNCIL ART BANK EXHIBITION: a varied selection of painting and sculpture from the Art Bank's collection.

January 7 - 29: FACULTY, STAFF, ALUMNI ART EXHIBITION: selected works of art submitted by members of the Saint Mary's community. All artists (painters, sculpturers, potters, photographers, craftspeople and performing artists) are welcome to take part. Please call the Art Gallery at ext. 116 or 423-7727.

Evening Events

November 23: 8 p.m. Recital of French Vocal Music—Elvira Gonnella, mezzo-soprano and Monique Gusset, pianist

December 13: 8 p.m. Bach Cantatas 202 and 209—Judith Wright, soprano with instrumental ensemble

NOTE: There is no admission charge to either of the above.

LUNCH with ART

November 19: The Canada East Winds—chamber music for woodwind quintet

November 26: Recital for Viola and Piano—Norma Lee Bisha, viola and Monique Gusset, piano

December 13: Miller Brittain—Award winning NFB documentary.

Coming up in January

LUNCH with ART features performers from the Saint Mary's community

January 14: Greg Brothers—Percussion, Piano, Guitar, Tapes, Etc.

January 21: The Saint Mary's University Folk Choir in Concert

January 28: Theatre—The Saint Mary's University Dramatic Society

Faculty Union Scholarship awarded

The first Saint Mary's University Faculty Union Scholarship was awarded to Jane Milton, an English honours student in the Arts Faculty and Gordon Stewart, an accounting major in the Commerce Faculty.

At a general meeting of the Faculty Union, held last January, members voted unanimously to fund a \$2000 undergraduate scholarship for a student in the final year of Arts, Science, Commerce, or the one-year Bachelor of Education program.

A Faculty Union committee, consisting of Dr. Geraldine Thomas (Modern Languages and Classics), chairperson; Dr. Keith Vaughan (Chemistry); Dr. John Chamard (Management); and Dr. Bernard Davis (Education) worked out procedures to administer the new scholarship, sent out advertisements and application forms, and reviewed the applications received. A novel feature of this scholarship requires finalists to submit a graded piece of work already done at Saint Mary's to the committee for consideration and review.

Not surprisingly, since the committee received a number of first-class candidate applications, the selection process was difficult. When it came to making a final choice between the two students considered most suitable for the award, the scholarship committee decided



Jamie Crosby

to split the \$2000 allocated and make two equal awards of \$1000 each. This scholarship will be a regular, ongoing project of the Saint Mary's Faculty Union and a mark of the Faculty's deep commitment to promotion of high academic achievement.

Jane Milton and Gordon Stewart will each receive a medal at the spring 1983 Convocation ceremony as a permanent token of their Faculty Union awards.



Stevens

Raymond W. Ferguson (left) poses with this year's winners of the Raymond W. Ferguson

Bursary, Marilyn Welland (centre) and Kevin Whitman (right).

Spend a summer in Greece

With winter on our doorstep, visions of summer seem very remote. But, for idle dreamers of hot sunny days in foreign climates, the Department of Modern Languages and Classics at Saint Mary's University has a summer program that combines a quest for knowledge and adventure with a chance to relax in Greece.

The program, Classics 307, is for anyone interested in study and European travel. After some preparatory lectures in Halifax, the study group will leave Canada in mid-May and travel throughout Greece for about one month.

Dr. Geraldine Thomas, the program director, says that participants will spend some time in Athens visiting the many historic sites there and becoming acquainted with the varied life of this old city. Then the group will set out on a bus trip around the Peloponnese, visiting Mycenae, Epidaurus, the Byzantine monasteries of Mistras near Sparta, and Apollo's beautifully located shrine high up on Parnassus. Participants will see Minoan sites on Crete, famous for the myths of Theseus and the Minotaur, and perhaps visit some others among the legendary Greek islands.

Those who wish credit for Classics 307 are required to write an exam while in Greece and produce a class paper on their return to Canada. Participants who would like to join such a study tour for personal reasons are also warmly welcome.

Firm costs for the trip are not yet available but an effort is being made to keep expenses down. Anyone interested should contact Dr. Thomas in the Department of Modern Languages and Classics ext. 391, as soon as possible.

CBC films Anthropology Laboratory

A television news team from the Canadian Broadcasting Corporation filmed artifacts in the Anthropology Laboratory that had been recovered from excavation of an Indian encampment on the Shubenacadie River, near Enfield. Students enrolled in Anthropology 360 excavated 26 square metres of the site, recovering artifacts, some dating back 3,000 years, including a number of spearpoints, scraping tools, pottery, historic clay pipes and hundreds of stone flakes. These artifacts are being cleaned, catalogued and analyzed, and will probably be put on display at the University.

Anthropology faculty members hosted 100 grade 12 students from Saint Patrick's High School, who used the Anthropology Laboratory facilities to conduct analyses to determine age and sex of human skeletal remains.

Lecture on Basque sites in Newfoundland

Selma Barkham, C.M., a graduate fellow of the Department of Geography at Memorial University, gave a lecture on Basque sites she has discovered in the Strait of Belle Isle area of Newfoundland on November 3.

Ms. Barkham, while working in archives in Spain and Portugal, discovered documents relating to 16th century Basque whaling expeditions to the Strait of Belle Isle. In 1977 she led an exploratory team which identified Basque sites at Chateau Bay, Red Bay, Carol's Cove, St. Modeste and Schooner Cove. She also discovered the Basque galleon, San Juan, which sank in Red Bay in 1565.

Focus on education

Story and photographs by Alex Thompson

Although the Education Faculty is a small Faculty, with only seven full-time teaching members, it is undergoing many changes.

This year student enrolment in the graduate program increased a dramatic 29 percent, with 165 students registered in the Master's degree program.

Dr. Michael MacMillan, Dean of Education, explained, "Almost all of our graduate students have jobs, or in the case of the eight full-time students, a position to return to. Most are teachers, school supervisors and administrators on sabbatical leave, who have come to Saint Mary's to reassess some of their perspectives on education after teaching for a number of years."



Dr. Fred Dockrill (centre) enjoys a "Last Supper" with Bachelor of Education students about to embark on the practice teaching session.

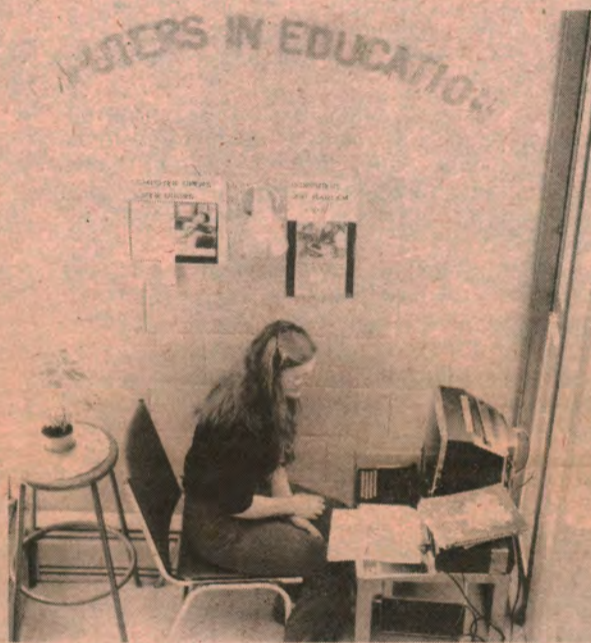
He added that the Faculty meets the needs of these students by offering in-depth graduate courses in curriculum, educational administration and supervision, psychology and foundations that attempt to balance theory and educational principles with practice. For instance, in "The Examination of Classroom Practice", Dr. John Haysom is examining not only what teachers do in their classrooms, but why—the rationale behind their teaching methods.

"The full-time graduate students," said Dr. MacMillan, "are forming an identifiable group. They recently helped plan a series of faculty-student seminars on "Pertinent Educational Topics for the 1980's". These seminars will be held from November to April.

Education students at Saint Mary's now have a comprehensive curriculum laboratory of resource material suited to teaching needs at their disposal. They are taught to use the equipment and encouraged to borrow material during the year.

To keep abreast in computer technology, a new micro-computer has been installed in the curriculum laboratory. All students, teachers, and graduate students will be instructed on the computer using the most common computer language,—BASIC, and a series of workshops is planned.

"We hope," said Dr. MacMillan, "that students will take creative initiatives with computers and build on what they have learned at Saint Mary's."



Sue Conrad, supervisor of the curriculum laboratory, programs the new computer.

A graduate course on "Computers and the Classroom Teacher" is planned for introduction in September 1983, subject to approval by the Curriculum Committee of Senate.

Practice teaching is an essential component of the Bachelor of Education program and students are sent to schools to observe and teach after only five weeks of classroom theory.

"The purpose of the early initiation in schools for our neophytes," explained Dr. MacMillan, "is to help them decide if teaching is for them early on in the program. It is a chance for them to 'try their wings' and check out some of the theories and educational principles they learned during the first few weeks."

Before starting out, the Saint Mary's Education Association (SMEA) held a "Last Supper" for students and faculty members—a chance to share common fears before the start of practice teaching. They reconvened with their master teachers for a reception halfway through the session.

Most of the student teachers will be returning to their Saint Mary's courses in mid-November.



Arlene Dowling, a student teacher, helps a grade 9 student at Oxford Street School on her first day of practice teaching.

Student places second in national chemical engineering competition



Alan Maingot

A. Thompson

Most of us don't pay much attention to salt. When we do have occasion to consider it, we think of it as a food seasoning, the component that makes sea water undrinkable, or the menace that ruins the bodywork of cars in winter. But, to Alan Maingot, a student at the Technical University of Nova Scotia, and Dr. John Young, chemistry professor at Saint Mary's, salt may hold the key to cheap energy.

Salt hydrates are capable of storing heat energy up to seven times that of pure water. How to utilize this well-known fact is the basis of research being undertaken by Dr. Young and Mr. Maingot. A paper they co-authored, entitled *Thermal Energy Storage and Recovery*, earned Mr. Maingot second place in the student competition at the 32nd Canadian Chemical Engineering Conference, held October 3 to 6, 1982, in Vancouver.

Mr. Maingot has been assisting Dr. Young on the project since he was an engineering student at Saint Mary's. Last summer the two refined their apparatus for releasing latent heat through direct heat exchange by bubbling cold mineral oil through the salt solution. As each bubble rises, salt crystallizes, releasing the heat. They designed and built a distributor that would allow the cold oil to flow freely without the tubes being clogged by salt as it freezes.

They also experimented with a salt hydrate that is useful in storing solar thermal heat

energy—calcium chloride hexahydrate. Calcium chloride as a salt is cheap (5¢ to 6¢ a pound) and common (mixed with sodium chloride it forms the basis of road salt). The hydrate, with a freezing point of 29.9 degrees centigrade, makes it ideal for solar heating. Stuffed into a south-facing wall, it will heat up to 30 degrees centigrade while the sun shines and will retain that heat even as the salt freezes and is drawn off—more than enough to keep a small house warm.

Mr. Maingot will continue the project as his thesis at the Technical University. However, under Dr. Young's supervision, he will be experimenting with other salt hydrates, including some that freeze at 80 degrees centigrade or higher and can store heat that can be recovered at that temperature. Uses include heating large buildings or in the chemical industry where reactions must take place at temperatures higher than normal.

Mr. Maingot, a native of Trinidad, graduated from Saint Mary's with a Diploma in Engineering with distinction in 1981. Next May he will graduate from the Technical University of Nova Scotia with a Bachelor of Engineering degree in chemical engineering. Afterwards he will either continue with post-graduate studies or accept a job offer. "There is a good, world-wide market for qualified chemical engineers," he explained.

Astronomy student publishes first paper



A. Thompson

A summer spent in the hot, acrid climate of Flagstaff, Arizona paid dividends for Astronomy graduate student, James C. Morton of Saint Mary's University. His first published article, *Color Changes in the Night Sky during Lunar Eclipses*, based on data analyzed from a lunar eclipse he observed in Arizona last July, will appear in the February 1983 edition of *Observatory*, a Cambridge, England publication.

Mr. Morton explained that during a total lunar eclipse, the earth's shadow blocks most of the moon's reflection of sun rays, thus darkening the night sky to the candid observer. In effect, the yellow rays of the sun are nearly obliterated, leaving the sky a bluer hue, the usual background colour of the sky. "It's more the colour of the Milky Way," he added.

His paper in *Observatory* is not Mr. Morton's only publishing venture. He received mention for his work on lunar eclipses in a recent supplement of *The Journal of the Royal Astronomical Society of Canada*, and an article of his on *Eclipsing Binary Star AC Boötis* will appear in the European journal, *Astronomy and Astrophysics*.

Mr. Morton, a graduate of the University of Western Ontario, is in his second year of the Master of Science degree program in Astronomy at Saint Mary's. He is currently working on a thesis on "short period cepheids variables." These are giant pulsating stars and he is looking for overtones of non-primary pulsation nodes. The stars he is interested in have strong pulsating movements but also show evidence of rapid shallow pulsation, rather like a tremor, that occurs even as the stars pulse in and pulse out.

Commerce students lead the United Way at Saint Mary's

"Commerce Faculty students at Saint Mary's University jumped into the 1982-83 United Way Campaign with an enthusiasm that compensated for their few numbers," said Dr. Pat Fitzgerald of the Management Department. Each year Dr. Fitzgerald organizes students to solicit contributions from small businesses in the Metro area. The students contact the businesses by letter and then follow up with a personal visit.

Your contribution is needed too

The Saint Mary's community is also encouraged to participate in the 1982-83 United Way campaign through the Personnel Office. Daniel Stone, Personnel Officer, suggests that faculty and staff may contribute either by making a cash donation or through enrolment in the payroll deduction scheme. Volunteers will be contacting University personnel but pledges may also be turned into the Personnel Office.

During the 1981-82 campaign, the University raised \$4500, with 11 per cent participation. This year the goal is \$5000 and it is hoped that more people will take part in the campaign.

Further information on the 1982-83 United Way campaign is available from the Personnel Office.

Chinese delegation visits Saint Mary's



Commerce Faculty members were hosts to a delegation from the Ministry of Education of the People's Republic of China. Delegates visited a number of Canadian universities, including Saint Mary's. The purpose was to prepare plans for a program of Canada-China co-operation in management studies.

Here, Dr. F.C. Miner, Dean of Commerce, greets a visitor from China.

Alumni Association launches Father Hennessey Trust Fund drive

The establishment of the Father J.J. Hennessey Memorial Trust Fund was announced at the Alumni Football Festival brunch on October 9. The Fund will be used to assist Saint Mary's students but the criteria for the awards has not yet been determined.

The Alumni Association Executive contributed an initial \$6200 and the Association plans an appeal to members through the annual fund drive. An objective of \$25,000 has been set.

Faculty and staff of Saint Mary's are encouraged to participate and contributions may be sent to the Alumni Office. All contributions are tax deductible and a University receipt will be issued.



Jamie Crosby

Laurie Smith, Director of Alumni Affairs, presents University president Dr. Kenneth Ozmon with a cheque for \$6200, the Alumni Association Executive's initial contribution to the Father J.J. Hennessey Memorial Trust Fund. Looking on is Don Keleher (left), Director of Development and Don Reardon (right), a member of the Alumni Association Executive.

1982 Alumni Dinner

The Saint Mary's University Annual Alumni Dinner will be held on Saturday, November 27. This year the featured speaker will be Reverend Robert L. MacDougall, S.J.

Father MacDougall was born and raised in Halifax. He was educated at Saint Mary's University, Loyola University and the University of Detroit. He entered the Jesuit Order following service in the Royal Canadian Air Force during World War II.

He worked as a psychologist at Saint Mary's and Chaplain psychologist at Stoney Mountain Penitentiary in Manitoba. Until recently he was a full-time member of the staff and co-host of *100 Huntley Street*, Canada's daily television ministry emanating from Toronto. He has also been a guest on other television shows, including *Good News* with Demos Sharkarion. Father MacDougall is currently on an evangelistic tour of Yugoslavia, Hungary, Austria and Germany. On his return he will serve in the Archdiocese of Halifax.

The Alumni Association Dinner will also honour members of the graduating classes of 1932, 1957, and 1972.

Following the address and the dinner there will be entertainment provided by the Halifax Progress Club. A Monte Carlo casino and auction have been arranged with prizes and gift certificates donated by friends of Saint Mary's and members of the business community. Random-door prizes will be presented throughout the evening as well. Many alumni and their spouses are expected to attend.

For information regarding purchase of tickets, please call the Alumni Office at Saint Mary's University, ext. 114 or 554.

Women in management

Three guests were invited to speak on women in management to Commerce students at Saint Mary's University.

The first speaker, former deputy mayor Doris Maley, spoke on women in power and the differences between formal and informal power structures in politics.

The second guest lecturer, Susan Ashley of the Dalhousie Law School, discussed women and the law. She talked to students about the limitations of human rights in Canada and the need to legally interpret the Human Rights' Charter.



Susan Ashley, Dalhousie Law School

Dodie Robb of the Canadian Broadcasting Corporation gave the final talk. She spoke about women in the CBC and the future for women in broadcasting.

Holiday Schedule

The University will close at 5 p.m. on Thursday, December 23 and re-open at 9 a.m. on Tuesday, January 4.

The switchboard will be open December 28 to 31, inclusive, from 9 a.m. to 5 p.m.

Hours for the Patrick Power Library are as follows:

December 16 to 17	9 a.m. - 5 p.m.
December 18 to 19	closed
December 20 to 23	9 a.m. - 5 p.m.
December 24 to January 3	closed
January 4	normal hours resumed

Hours of operation for the mail room will be announced at a later date.

Sports Schedule

Basketball (Women's)

Nov. 19th, 20th	Saint Mary's Invitational Tournament (Ex)	
Sat., Nov. 27th	UPEI @ Saint Mary's	3:00 p.m.
Fri., Dec. 3rd	UNB @ Saint Mary's	6:00 p.m.
Sat., Jan. 8th	Saint Mary's @ Mt. A.	7:30 p.m.
Sun., Jan. 9th	Saint Mary's @ UNB	1:00 p.m.
Tues., Jan. 11th	Saint Mary's @ Acadia	6:00 p.m.
Tues., Jan. 18th	Saint Mary's @ Dal	6:30 p.m.
Fri., Jan. 21st	Mt. A. @ Saint Mary's	6:00 p.m.
Sun., Jan. 23rd	Saint Mary's @ UPEI	6:00 p.m.
Fri., Jan. 28th	St. F.X. @ Saint Mary's	7:00 p.m.
Tues., Feb. 8th	Saint Mary's @ St. F.X.	8:00 p.m.
Sat., Feb. 12th	MUN @ Saint Mary's	7:30 p.m.
Sun., Feb. 13th	MUN @ Saint Mary's	1:00 p.m.
Sat., Feb. 19th	Acadia @ Saint Mary's	8:00 p.m.
Feb. 25th, 26th	A.U.A.A. Championships	
Mar. 3rd, 4th, 5th	C.I.A.U. Championships @ U. Man.	

Basketball (Men's)

Tues., Nov. 23rd	Saint Mary's @ Acadia	8:00 p.m.
Fri., Nov. 26th	Saint Mary's @ UNB	8:00 p.m.
Sat., Nov. 27th	Saint Mary's @ Mt. A.	8:00 p.m.
Sat., Dec. 4th	Dal @ Saint Mary's	8:00 p.m.

Thurs., Jan. 6th	Stu Aberdeen Tournament @ Acadia (Ex)
Fri., Jan. 7th	
Sat., Jan. 8th	



Jamie Crosby

Saint Mary's Huskies hosted the national team from the People's Republic of China to a game of hockey in the fog.

Tues., Jan. 11th	Saint Mary's @ Acadia	8:00 p.m.
Sat., Jan. 15th	St. F.X. @ Saint Mary's (Metro Centre)	3:00 p.m.
Tues., Jan. 18th	Saint Mary's @ Dal	8:30 p.m.
Fri., Jan. 21st	Mt. A. @ Saint Mary's	8:00 p.m.
Sat., Jan. 22nd	UNB @ Saint Mary's	2:00 p.m.
Sun., Jan. 23rd	Saint Mary's @ UPEI	8:00 p.m.
Sat., Jan. 29th	Acadia @ Saint Mary's (Metro Centre)	1:00 p.m.
Tues., Feb. 1st	Saint Mary's @ St. F.X.	8:00 p.m.
Tues., Feb. 8th	St. F.X. @ Saint Mary's (Metro Centre)	8:00 p.m.
Sun., Feb. 13th	UPEI @ Saint Mary's	3:00 p.m.
Tues., Feb. 15th	Saint Mary's @ Dal	8:30 p.m.
Sat., Feb. 19th	Acadia @ Saint Mary's (Metro Centre)	3:00 p.m.
Tues., Feb. 22nd	Saint Mary's @ St. F.X.	8:00 p.m.
Sun., Feb. 27th	Dal @ Saint Mary's	2:00 p.m.

Fri., Mar. 4th	
Sat., Mar. 5th	A.U.A.A. Championships

Fri., Mar. 11th	
Sat., Mar. 12th	C.I.A.U. Regionals

Fri., Mar. 18th	
Sat., Mar. 19th	C.I.A.U. Finals @ Waterloo

Hockey

Sun., Nov. 21st	Saint Mary's @ U de M	2:00 p.m.
Tues., Nov. 23rd	Saint Mary's @ Dal	7:30 p.m.
Sat., Nov. 27th	Saint Mary's @ STU	7:30 p.m.
Sun., Nov. 28th	Saint Mary's @ UNB	1:00 p.m.
Wed., Dec. 1st	St. F.X. @ Saint Mary's	7:30 p.m.
Sat., Dec. 4th	UNB @ Saint Mary's	2:00 p.m.
Dec. 28th, 29th	Schooner Cup @ Metro Center (Ex)	
Wed., Jan. 12th	Saint Mary's @ Acadia	7:30 p.m.
Sun., Jan. 16th	Mt. A. @ Saint Mary's	7:30 p.m.
Wed., Jan. 19th	Saint Mary's @ Dal	7:30 p.m.
Sat., Jan. 22nd	UPEI @ Saint Mary's	7:30 p.m.
Sun., Jan. 23rd	UPEI @ Saint Mary's	2:00 p.m.
Fri., Jan. 28th	U de M @ Saint Mary's	7:30 p.m.
Sun., Jan. 30th	Saint Mary's @ Dal	2:00 p.m.
Fri., Feb. 4th	Saint Mary's @ St. F.X.	7:30 p.m.
Wed., Feb. 9th	Saint Mary's @ Acadia	7:30 p.m.
Fri., Feb. 11th	Saint Mary's @ U de M	7:30 p.m.
Sat., Feb. 12th	Saint Mary's @ UNB	7:30 p.m.
Fri., Feb. 18th	St. F.X. @ Saint Mary's	7:30 p.m.
Sun., Feb. 20th	Dal @ Saint Mary's	7:30 p.m.
Feb. 25th, 26th, 27th	A.U.A.A. Semi-Finals	
Mar. 4th, 5th, 6th	A.U.A.A. Championships @ Home of Higher Place Finisher	
Mar. 11th, 12th, 13th	C.I.A.U. Championships in Moncton	

The Times is produced by Information and Public Relations, Saint Mary's University. This is the last issue of The Times for 1982. The next issue will be published in February 1983. Deadline is January 14, 1983. Editor - Liz Stevens