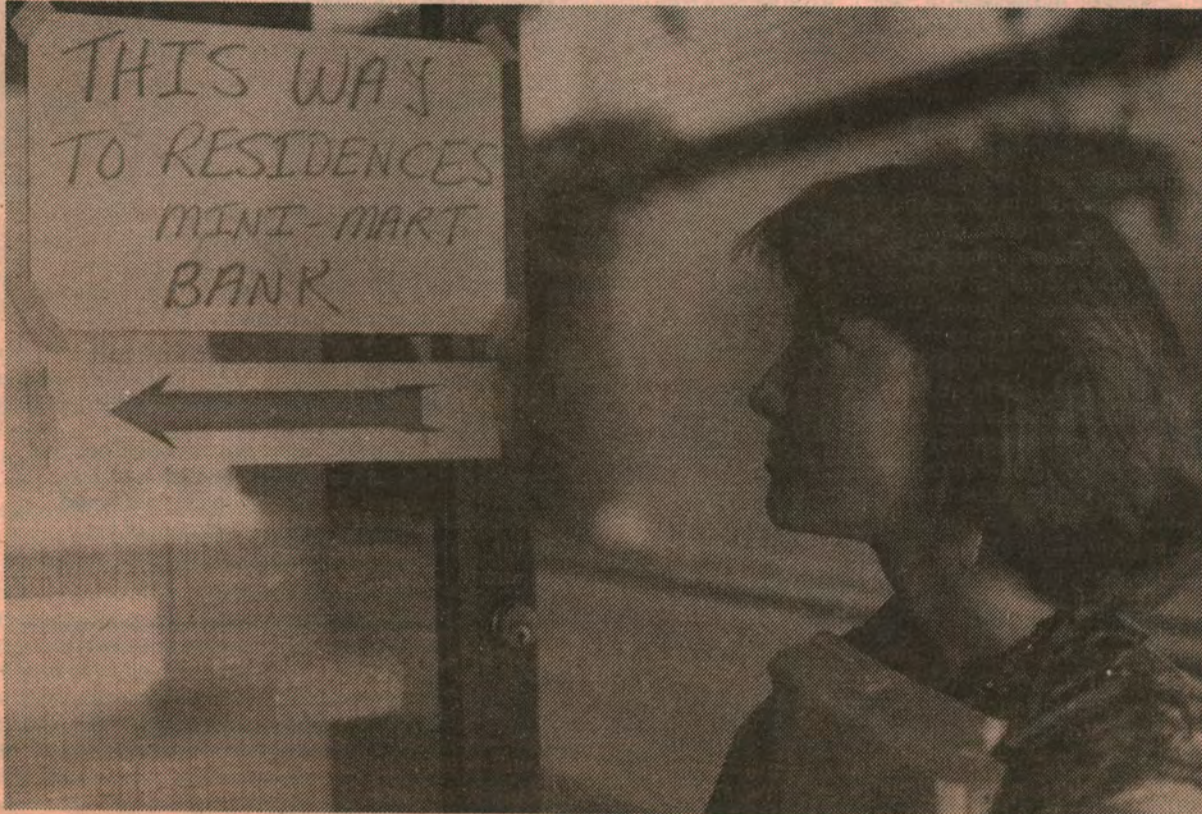


## School is in



Stevens

## University awarded \$500,000 grant in support of disabled

The Office of the Secretary of State has provided Saint Mary's University with a one-half million dollar grant to establish a Maritime Centre of Support for Disabled Students. The main thrust of the Centre will be to meet the needs of deaf and hearing impaired students attending post-secondary institutions in the Maritimes; however, it will also serve the needs of other disabled students.

To David Leitch, head of Counselling Services, the grant is the culmination of four arduous years of study into the needs of the hearing impaired at universities. These students, he explained, have faced nearly insurmountable odds. For more than 100 years they have been ignored, a good education has been denied them and job opportunities worthy of their intelligence have not come their way. Now with the creation of the Centre he hopes more deaf students will enjoy higher education and that will lead to challenging careers.

The process, he admits, will be long and slow. Deaf students and their parents often do not think of a university education as an alternative for them. They must be encouraged to believe that the opportunity is there. Too often their language development is poor and this affects their standing in other subjects so that they may not have the academic qualifications to enter university. These students must be provided with upgrading language courses before they can even begin a post-secondary education. Then, once they reach university there are other problems to overcome. Those students who can lip-read, and they are normally the ones who have been through an integrated school system, can manage better if they can find professors sensitive to the need to speak directly to them at all times. Other hearing impaired who rely on sign language will need qualified interpreters in the classroom with them. Both groups

will need the services of note-takers, students taking the same courses who are trained in the art of taking notes especially for the deaf. Those who are partially deaf could benefit from the use of loop systems and other aids. Deaf students in residence will have to be provided with strobe lights to augment fire alarms. Then there are the problems of social isolation often suffered by the deaf. These are only some of the areas Mr. Leitch thinks the Centre will have to look into.

For the past four years Mr. Leitch, along with educators, community leaders, disabled individuals and others who work with the handicapped, in particular the hearing impaired, have studied the need for a Centre in the Maritime provinces. They have invited experts from around the world to analyze existing services for the hearing impaired and suggest plans for improvement. Faculty members have been approached and substantial support will be available to those with disabled students in their classes. "It is ready to go," said Mr. Leitch. "All we needed was the money. People are going to be surprised at how quickly programs are put into place."

Foremost the Centre, though located at Saint Mary's, will be a Maritime Centre, able to support any hearing impaired student attending any university in the region. Although he hopes most hearing impaired undergraduates will elect to study at Saint Mary's the choice remains with the individual student. If a deaf person prefers to attend another institution, the support will be provided at that institution from equipment that will be loaned to programs for staff and faculty of the other university on providing for the wants of the hearing impaired.

A sign language research and documentation program will be set up at the University of New

*continued on page 2*

## Early Registration 1984

It was the most successful Early Registration yet, according to Registrar Elizabeth Chard. During the first two-and-one-half weeks of August more than 2800 students completed most, if not all, of their registration procedures with the result that many course sections were closed early. Even the numbers registering by mail were up; some 150 more students enrolled in this manner. Most students taking part in Early Registration were full-time Commerce undergraduates returning to Saint Mary's. The only area where turnout was poor was among the part-time students who prefer to wait for September to register.

Much of the success of this year's Early Registration can be credited to staff in the Registrar's Office who put a lot of effort into pre-preparation.

"There are no vacations in this Office in August and September," Mrs. Chard explained, "We are working flat out when the rest of the University is generally relaxed."

She was also pleased with the response from faculty members who made themselves available to help students with their academic problems.

Special recognition, however, must be given to a group of Saint Mary's students who volunteered to spend nearly three weeks of their summer helping with the Early Registration process. Their help, Mrs. Chard emphasized, was invaluable.

The volunteer program was initiated by Dave Peters, Chairman of the Orientation Committee, who suggested undergraduates help with Registration. He and six other students (Vibhas Bapat, Duncan Smith, James Collicutt, Tina Dorey and Chantal Hemens) worked from the Registrar's Office, handing forms to students, answering their questions and pulling files from the computer card bank. Their help meant that the worst of the line-ups outside that Office were gone by lunch time.

Two other students (Nancy Britten and Charles Boudreau, both members of the Orientation Committee) helped in the Business Office, where they were put in charge of crowd control by the Manager of Accounting Services, Marjorie Sullivan. In addition to keeping students outside the Office in line so that the lobby was not blocked, these volunteers went through the lines, showing students how to correctly fill-in their cheques, making sure their registration forms were completed and duly signed, and answering general queries. Thanks to their help, each registering student was able to pass through the Business Office more quickly.

"It was," said Dave Peters, "very different watching from the other side of the counter. We would get the same questions and the same problems over and over again until it got into a routine. I don't think the students realize that."

"There were a couple of problems at first, but things soon went smoothly. They (the students) starting lining-up at 6 (am) and by 7:30 the line went down the hall, past the President's Office, over the catwalk, all

*continued on page 3*

**Happy  
Thanksgiving**

**October 6 to 8**

# Noteworthy Notes

Members of the Faculty of Commerce attended the 1984 Conference of the Administrative Sciences Association of Canada. Among those who took part in the Conference were the following people:

DR. JAMES C. W. AHIKPOR (Economics) presented a paper on "The Profits of Foreign and Locally Owned Firms in a Less Developed Country: Ghana". The paper received honourable mention.

DR. P. ASABERE (Finance and Management) and P. Colwell presented a paper on "Zoning and the Value of Urban Land", which received the best paper award.

DR. ATUL DAR (Economics) and DR. COLIN DODDS (Finance & Management Science) presented a paper on "Protection and Savings Through Life Insurance".

Dr. Dar was also Chairperson for a policy session on "Who Publishes Where".

PROFESSOR JACK GALE (Management) was a discussant for a policy session on "Complex Strategies".

DR. ARUN MUKOPADHYAY (Economics) presented a paper on "The Risk Sharing Aspect of Profit Sharing".

DR. SHRIPAD PENDSE (Management) presented a paper on "Profit Sharing and Organizational Forms".

DR. HERMANN SCHWIND (Management) presented a paper on "Profit Sharing: An Overview".

Dr. Schwind also acted as chairperson for a session on "International Business in Southeast Asia".

DR. P. L. ARYA (Economics) presented a paper on "Choice of Technology in Africa" at the 14th Annual Conference of the Canadian Association for African Studies, May 1984.

Dr. Arya presented a second paper at the same Conference on "A Technical Note on the Effect of Oil-boom on Aggregate Consumption and Savings in Nigeria".

Dr. Arya presented (in absentia) a paper on "Economic Aspects of the Colonial Rule in Indonesia and Malaysia" at the 6th International Symposium on Asian Studies, Hong Kong, July 1984.

DR. JAMAL BADAWI (Management) was a guest speaker at the International Leadership Training Program, organized by the Islamic University, Islamabad, Pakistan.

Dr. Badawi spoke at various conferences and seminars in Trinidad and Guyana.

Dr. Badawi was interviewed on several television programs on Dartmouth Channel 10.

DR. HARI DAS (Management) was interviewed by CBC Radio on the causes for racism in Canada and possible action strategies to improve the current situation. The interview was taped April 30, 1984 and was broadcast nationally.

Dr. Das presented a paper on "Relevance of Business Policy to Third-World Conditions" at the Conference on Canada and the Third World, organized by the Association for the Advancement of Policy, Research and Development, Washington, D.C., April 19-20, 1984.

Dr. Das presented a paper on "A Re-examination of the Validity of Intellectual Arguments in Defense of Racism: A Multi-disciplinary View" at the Conference on New Forms of Racism, Halifax, April 27-29, 1984.

Dr. Das presented a paper on "Relevance of Symbolic Interactionist Approach in Understanding Power: An Overview" at the International Conference on Organizational Symbolism and Corporate Culture, University of Lund, Sweden, June 26-30, 1984.

DR. RONALD G. LANDES (Political Science) has accepted an invitation to become book review editor of the *International Journal of Comparative Sociology*.

Dr. Landes has signed a contract with Prentice-Hall

of Canada for his third book, to be entitled *Canadian Political Parties: A Defensive Critique*.

DR. ROBERT McCALLA (Geography), DR. PETER RICKETTS (Geography) and DR. HUGH MILLWARD (Geography) conducted a workshop organized by the Department of Geography in cooperation with the provincial Department of Education for 23 senior high school teachers of geography on May 5, 1984. In the morning Dr. McCalla spoke on "Ports and Their Waterfronts"; Dr. Ricketts addressed the group on "Geographical Aspects of the Gulf of Maine Boundary Dispute"; and Dr. Millward discussed "Single Family House Prices in Metropolitan Halifax". The afternoon was spent on a field trip to the Halifax waterfront with visits to the Fairview Container Pier and the Waterfront Development Corporation.

DR. JAMES MORRISON (Dean of Arts) has been appointed President of the Federation of Nova Scotia Heritage.

DR. NORMAN SCRIMGER (Astronomy) was invited to judge for the special award in astronomy, and presented the award on behalf of the Royal Astronomical Society of Canada to three winners in the recent Canada-Wide Science Fair held in Halifax.

Dr. Scrimger was also invited to judge in the physical sciences senior class division at the Science Fair.

Dr. Scrimger presented a paper publicizing Saint Mary's University astronomy research to the Canadian Astronomical Society Annual Meeting in Ottawa, June 1984.

Dr. Scrimger taught a course on astronomy to participants in both the Elderhostel and Seniors Summer Program during July 1984.

(Noteworthy Notes submitted but not published this month will appear in the October 1984 issue of *The Times*. Please ensure all submissions for are typed and include the full name and department of the participant.)

## Faculty Promotions 1983/1984

### Contract Renewals

Dr. James Ahlakpor (Economics)  
Dr. Atul Dar (Economics)  
Professor Jack Gale (Management)  
Professor Janet Gregory (Finance & Management Science)  
Dr. Kathleen Mailer (Chemistry)  
Dr. Peter March (Philosophy)  
Dr. Peter Ricketts (Geography)  
Dr. John Waldron (Geology)

### Assistant to Associate Professor

Dr. Paul S. Dixon (Finance & Management Science)  
Dr. Martha MacDonald (Economics)  
Dr. Arun Mukhopadhyay (Economics)  
Dr. Vlodek Tarnawski (Engineering)

### Associate to Full Professor

Dr. Cyril Byrne (English)  
Dr. Victor Catano (Psychology)  
Dr. J. Colin Dodds (Finance & Management Science)  
Dr. Sandor Halebsky (Sociology)

## Recent Faculty Appointees

### Faculty of Arts

Sociology Mohamed Abucar, B.A., Ph.D.

### Faculty of Commerce

Economics Saleh Amirkhalkhali, B.A., M.A., Ph.D.  
Kris Inwood, B.A., M.A.

Finance & Management Science Dale Fletcher, M.B.A.

Management June Fukushima, B.A., M.Sc.  
Ned Kelleher, B.Comm., LL.B., M.B.A.

Marketing Robin Rodger, B.A., M.B.A.

### Faculty of Education

Susan Hastey, B.A., B.Ed.

### Faculty of Science

Astronomy David Turner, B.Sc., M.Sc., Ph.D.  
Biology Timothy Ladd, B.Sc., M.Sc., Ph.D.

Mathematics Paul Muir, B.Sc., M.Sc.

Psychology Linda Parrott, B.A., M.A., Ph.D.  
Brent Vulcano, B.A., M.A.

## Faculty Publications

P. L. ARYA (Economics), "Selecting the First Computer for Small Businesses", *Journal of Small Business — Canada*, Spring 1984.

P. L. ARYA (Economics), "Measuring Economic Growth — A Critique of the Views of Fell and Greenfield", *Review of Income and Wealth*, Series 30, No. 3, 1984.

ERVIN DOAK (Economics), "New Brunswick, Newfoundland and Labrador, Nova Scotia and Prince Edward Island, Provincial Budgets, 1984", *Western Economics Review*, Volume 3, No. 2, July 1984, pp 72-83.

RONALD G. LANDES (Political Science), "Politics in Nova Scotia", pp 381-388 in R. B. Byers (Editor) *Canadian Annual Review of Politics and Public Affairs 1981*. Toronto: University of Toronto Press, 1984.

NORMAN SCRIMGER (Astronomy), "Helium I 10830 Line Strengths in Planetary Nebulae", *The Astrophysical Journal*, May 1, 1984.

K. K. THOMAS (Biology), "Studies of the Absorption of Lipid From the Gut of Desert Locust, *Schistocerca gregaria*", *Comp. Biochem. Physiol.*, Vol. 77A., No. 4, pp. 707-712, 1984

K. VAUGHAN (Chemistry), Y. Tang, G. Llanos, J. K. Horton, R. J. Simmonds, J. A. Hickman and M. F. G. Stevens, "Studies of the Mode of Action of Anti-Tumour Triazines and Triazines. Part VI. 1-Aryl-3-hydroxymethyl-3-methyltriazines: Synthesis, Chemistry, and Anti-Tumour Properties", *Journal of Medicinal Chemistry*, 27, 357-363 (1984).

A. J. Randall, C. H. Schwalbe and K. VAUGHAN (Chemistry), "Crystal and Molecular Structure of 3-Methyl-1-p-tolyltriazene", *Journal of the Chemical Society Perkin Transactions II*, 1984, 251-253.

C. M. Hemens, H. W. Manning, K. VAUGHAN (Chemistry), R. J. LAFRANCE (Chemistry) and Y. Tang, "Open-chain Nitrogen Compounds. Part V. Hydroxymethyltriazines: Synthesis of Some New Alkyl Homologues of the Anti-Tumour 3-Methyl-3-hydroxymethyltriazines and Preparation of the Derived Acetoxymethyl-, Benzoyloxymethyl — and Methoxymethyltriazines", *Canadian Journal of Chemistry*, 62, 741-748 (1984).

H. W. Manning, C. M. Hemens, R. J. LAFRANCE (Chemistry), Y. Tang and K. VAUGHAN (Chemistry), "Open-chain Nitrogen Compounds. Part VI. The Formation of Bis — (1-Aryl-3-methyltriazene-3-ylmethyl — >methylamines in the reaction of Diazonium Ions with Mixtures of Formaldehyde and Methylamine", *Canadian Journal of Chemistry*, 62, 749-754 (1984).

continued from page 1

Brunswick. Researchers will keep abreast of the latest developments in teaching sign language and will help document programs put into effect at Saint Mary's.

One of the most important aspects of the Centre, he went on to say, is that it will be consumer-oriented. Community members will be given access to the Centre, including office and meeting space, and a voice in determining programs to be implemented. He insists that the disabled and those who live with them or care for them have a say in the Centre's day-to-day operations.

"If the parents of a deaf child needs to talk to someone, they should be able to come to here and find a person to listen," he said.

The list of programs to be implemented is a long one. Special equipment will have to be purchased for the University and made ready to transfer to another one if needed. Sign language interpreters, note-takers and tutors must be recruited and properly trained. Faculty must be made aware of how to use new technology to help their hearing impaired students and how to adjust their teaching methods to meet the needs of the deaf. This may be remembering never to turn a back when speaking or arranging for deaf students watching a slide presentation to be seated in a lighted part of the room, facing the orator.

Special recruitment and screening processes will have to be put in place to ensure the student is ready and able to handle university work. Summer language courses will have to be introduced, probably using a program developed by the Rochester Institute in New York.

This will all take time and Saint Mary's need not brace itself for a sudden influx of deaf students. But, as the Centre gains momentum it will be able to support more students and to make more deaf youngsters and their parents aware that post-secondary education is a real alternative for them.

In the coming academic year many of the programs will be put into effect. Current facilities for the handicapped on campus will be upgraded, sign language courses for beginners to interpreters will be start in January, faculty and staff will be provided with information on how best they can help, the research at the University of New Brunswick will get underway, and community groups will be invited to join the process. Also, later this year the Centre will support a major conference on the needs of disabled students at Dalhousie University.

Any person interested in finding out more about the proposed Maritime Centre of Support for Disabled Students should contact David Leitch.

# Capital Campaign Update



Development Director Donald Keleher (standing) discusses the Capital Campaign literature with University President Dr. Kenneth L. Ozmon.

The Saint Mary's University Capital Campaign, launched last March, is now moving into high gear. More than \$5 million had been raised by August 31; that is one-third of the projected total of \$13 million over five years.

Much of the work for the Campaign has been going on behind the scenes. Bob Dimock, formerly of Halifax Cablevision and the Star Channel, has been hired as Special Assistant for the Capital Campaign. Mr. Dimock's particular responsibility is to provide research information for the various Capital Campaign committees, especially on foundations and regional corporations. He has prepared a list of 300 regional corporations and members of the Halifax



Bob Dimock

## Capital Campaign Financial Status Report August 31, 1984

Donors	Pledges	Objective
Province of Nova Scotia	\$3,000,000	\$ 3,000,000
Federal Government	501,000	—
Board of Governors*	110,000	150,000
Faculty*	60,263	100,000
Students, Parents, etc.	26,845	100,000
Staff*	45,854	50,000
Alumni*	117,230	1,200,000
Annual Alumni Fund	11,895	—
Special Names	63,620	400,000
Foundations	601,000	2,500,000
National Corporations	549,750	4,100,000
Bequests	72,250	—
Other (Special Events)	2,000	400,000
Local Corporations*	305,000	1,000,000
<b>TOTAL</b>	<b>\$5,043,418</b>	<b>\$13,000,000</b>

(Not including overlaps)

\*Includes overlaps — i.e. donations from alumni members of the Board of Governors would be included in the figures for the alumni; however the total does not include the overlaps.

Board of Trade and Dartmouth Chamber of Commerce with links to Saint Mary's University.

The Campaign literature was completed in the spring and will be mailed to groups yet to be canvassed including remaining alumni. It is being used also in the Corporate Campaign, headed by National Corporate Chairman J. A. Gordon Bell of the Bank of Nova Scotia.

Major Campaign highlights include a dinner hosted by Paul Martin Jr. at the Mount Royal Club in

Montreal on June 6, and attended by 40 local corporate and foundation directors. Also present were Campaign Co-chairmen Ronald Downie Q.C. and William Mingo Q.C., University President Dr. Kenneth L. Ozmon and Donald Keleher, Director of Development. The guest speaker was the Honourable Gerald Regan, former Minister for International Trade.

A similar dinner is being planned by Gordon Bell for the Toronto Club on October 16. More than 200 guests have been invited and they will be addressed by His Eminence Emmett Cardinal Carter, Honorary Capital Campaign Chairman.

Solicitation of members of the Alumni Association will begin this fall. They will be approached by volunteer alumni who graduated in the same decade — i.e. graduates of the 1950s, 1960s, 1970s and 1980s. Secretary of Senate Kevin Cleary, a graduate of the 1950s, has begun to solicit alumni from those years.

The internal canvass is expected to be rejuvenated in September under Chairmen Frank Dougherty and Bob Hayes. Initial response from faculty and staff has been very generous. The goal now is to improve participation rates for the two groups.

## Visiting Speakers Committee

The Visiting Speakers Committee is sponsoring two public lectures in the Theatre Auditorium. On Tuesday, September 25 at 7:30 pm Dr. Vernon Reynolds, Professor of Anthropology at Oxford University, will speak on "Social Thinking in Apes and Humans". His colleague, Dr. Rom Haree, Professor of Philosophy at Oxford, will deliver the second public lecture on Tuesday, October 2 at 7:30 pm.

## Notices

With reference to an article on retiring faculty and staff members, published in the May 1984 edition of *The Times*, please note the following:

"Dr. Halina Bobr-Tylingo was an associate professor of biology, specializing in microbiology and mycology. She was born in Warsaw, and holds a number of degrees, including Szkola Glowna Gospodarski (SSGW), Warsaw, (a diploma of agricultural engineering, recognized in England as equivalent to Master of Agriculture); Diplome d'Etudes Approfondies (DEA), University of Paris VI; and Doctorat de Science Biologique (Biologie Vegetale), University of Paris VI."

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the way to the Multipurpose Room. And, this wasn't single-file, either. They were four or five abreast."

It was a good experience for the volunteers, especially for the six who worked in the Registrar's Office and who are part of a new Peer Adviser Project. These advisers are returning students who have offered to help freshmen adjust to campus life. It is a new scheme, supported by Student Services, and this year will be extended to students in the Faculties of Commerce and Science. If successful, it will be expanded next year to include Arts students.

The number of students taking advantage of Early Registration does not necessarily indicate an increase in enrollment, added a cautious Mrs. Chard. With the increases in enrollment in recent years, there are more returning undergraduates than in previous years and that means there are more students aware of the advantages of Early Registration. It should not be taken as an indicator of the total enrollment for 1984/85.

## A Statement by J. A. Gordon Bell, National Corporate Chairman of Saint Mary's University Capital Campaign

"I am proud to be involved in the Capital Campaign. When you consider what Saint Mary's has done over the past 182 years and how it has managed to do it so well with limited resources, I am sure you will share my sense of pride in its past and my confidence in its future.

"Saint Mary's combines two characteristics that are not often found together. It is deeply concerned for the well being of its students and the community at large. At the same time, it is committed to good management and efficient use of its human, physical and financial resources. The University President teaches, keeps an open door for all students and manages to continue to bring in a balanced budget.

"While Saint Mary's has established a solid reputation for its undergraduate education, the business community has noted the fine work done by its Faculty of Commerce, many of whom combine academic backgrounds with extensive business experience. The commerce program is the major discipline of study at Saint Mary's with well over half of the student body enrolled in this faculty. It is the largest business management program in the Atlantic Provinces and one of the largest and oldest in Canada. In this and other areas — most notably programs in support of the disabled — Saint Mary's is proving that a small university can play an important role on the national and international stage.

"In this period of economic transition, the business community is considering its corporate gifts with great care. I am certain that Saint Mary's can survive such scrutiny. It has survived mine. Saint Mary's does its job well. It deserves your support. I look forward to your participation in the Campaign."



J. A. Gordon Bell

## The Letters of Bishop O Donel and others



This year marks the 200th anniversary of the establishment of Catholicism on the Island of Newfoundland which is being honoured by the visit of Pope John Paul II in September as part of the Papal Tour of Canada. To honour this celebration Jespersion Press in St. John's is publishing the letters of the first three bishops of Newfoundland, O Donel, Lambert and Scallan, edited by Dr. Cyril Byrne of the English Department of Saint Mary's.

The book is entitled *Gentlemen-Bishops and Faction Fighters*. The foreword was written by His

Eminence G. Emmett Cardinal Carter, honorary chairman of the Saint Mary's Capital Campaign, and the preface is by Archbishop Penney of St. John's.

On July 4, 1784 James Louis O Donel, an Irish-speaking Franciscan and native of Tipperary, arrived in St. John's from Waterford accompanied by another Franciscan, Father Patrick Phelan. This was the start of the first Catholic mission to Newfoundland officially sanctioned by both Rome and London — throughout the 18th century priests from Ireland, disguised as fishermen, had visited the Island periodically.

O Donel was chosen because of his abilities to preach in both English and Irish, the latter being necessary because the vast majority of the population of Newfoundland at that time spoke only Irish. O Donel was an urbane and widely experienced man who had studied and taught in Rome and Prague

before returning to Ireland where he eventually was elected Provincial of the Franciscan Order in 1776. In 1796 he was raised to the episcopate, becoming the first Irishman so honoured in North America; indeed, O Donel became the first Catholic bishop in what is now English-speaking Canada.

*Gentlemen-Bishops and Faction Fighters* is a collection of the letters of Bishop O Donel and his two successors, Patrick Lambert and Thomas Scallan, both Franciscans and natives of County Wexford.

Dr. Byrne has also been invited on a lecture-tour of Ireland in October to speak at University College, Dublin, University College, Cork, and St. Patrick's College, Maynooth. The Canadian Ambassador to Ireland, the Honourable Edgar Benson, will host a reception/lecture on the career of Bishop O Donel on October 14.

## Microcomputer Lab set to open in Loyola Building



Computer programmer Chris Rodrigue uses one of the new IBM Personal Computers in the Microcomputer Laboratory.

## Saint Mary's University Faculty Members Receive Nearly \$200,000 in Research Grants

In recent months a number of Saint Mary's University faculty members have received substantial research grants totalling \$196,125 from the Social Sciences and Humanities Research Council (SSHRC). The grants are for a range of projects on topics of particular interest to the Maritimes, many of which are supported by the Gorsebrook Research Institute for Atlantic Canada Studies. The Institute, founded at the University two years ago, acts as a resource and support centre for regional research as well as a forum for the exchange of ideas. The value of the SSHRC grants to some extent reflect the importance attached to the Gorsebrook Institute by the academic community, according to Saint Mary's Dean of Arts, Dr. James Morrison.

Dr. Karin Flikeid (Department of Modern Languages and Classics) with Dr. B. Edward Gesner of Dalhousie University have received \$52,258 for a comparative study of Acadian speech in Nova Scotia, the first such study of its kind to examine the similarities and differences in French as spoken by Acadians from the five French-speaking population centres of Nova Scotia. The researchers have received the support of the Federation Acadienne de la Nouvelle-Ecosse and of the Gorsebrook Research Institute at Saint Mary's.

Dr. Patricia Connelly (Department of Sociology) and Dr. Martha MacDonald (Department of Economics) were awarded \$37,262 to investigate "The Role of Women: Development and Change in Rural Nova Scotia Economy". The project will study the relationship of women's work to the changing political economy of the province as characterized by the underdevelopment and prolonged dependence on primary production (fishing, forestry, farming and mining), most of which takes place in small communities. This project is also supported by the Gorsebrook Research Institute.

The Institute-based research project on "Land and

A new microcomputer laboratory, with 24 IBM PCs (Personal Computers) will soon be operational in Room 160 of the Loyola Building. The computers are linked together in a network series and served by two 33-megabyte hard disk file servers. They are using the JANET (Just Another Network) software developed by the University of Waterloo. The system does not require floppy disks; instead students can access their own files on the hard disks. This makes the system easier for students to use, many of whom will be facing a microcomputer for the first time.

"It puts the University right at the top in terms of micro. systems," explained Steve Smith of the Computer Centre. Mr. Smith, who has been instrumental in purchasing equipment for the lab., added that the JANET software was selected because it was readily available, easy to use, and relatively

inexpensive. The IBM Personal Computers were chosen because they can run the software.

The lab. will be open 24 hours a day and there is a Policy Committee in place to decide how and when it will be used. A number of faculty members are considering how the facility can best serve their students. At the moment, however, there are a number of courses on the use of microcomputers being offered through the Division of Continuing Education. These programs are designed to teach the practical applications of microcomputers whether for word processing, data base management, spreadsheet calculations, or computer programming in BASIC. Workshops are also planned for members of the faculty and senior administration.

For more information, please contact Jim Sharpe.

Sea" received a \$38,500 grant from SSHRC to examine the organization and operation of independent fish processing in Nova Scotia.

Dr. Henry Veltmeyer (Department of Sociology) and Dr. John Chamard (Department of Management) received \$19,160 for a research study of "Petty Manufacturing in Halifax". The project, also supported by the Gorsebrook Institute, will examine the validity of a number of long-held theories of economic development in relation to small manufacturing companies in the Metro area.

The International Education Centre at Saint Mary's University and the University College of Cape Breton have jointly received \$40,000 to produce an "Atlantic Provinces Annotated Inventory". The project team will locate information related to the province's ethnic minorities from some 35 provincial resource centres; gather, classify and annotate the information; and store it on computer disks for the availability of

librarians, researchers, and other interested individuals and organizations.

Dr. James Morrison, former Executive Director of the International Education Centre and now Dean of Arts at Saint Mary's, is also working on a project related to ethnic minorities in Nova Scotia. He has received a SSHRC grant of \$6,300 towards the compilation of an "Annotated Bibliography of Ethnic Groups in Nova Scotia".

Dr. Alphonso Rojo (Department of Biology) received a \$2,645 grant for a research project entitled: "The Estimation of Lengths and Weight of Cod from the Size of Skeletal Elements with Especial Reference to Fish Remains from Duck Point Site (Campobello Island, N.B.)". The project is a study of the relation of bones to live weight and length of codfish, and is related to the archaeological work being carried out in a 600 year old Indian settlement on Campobello Island.

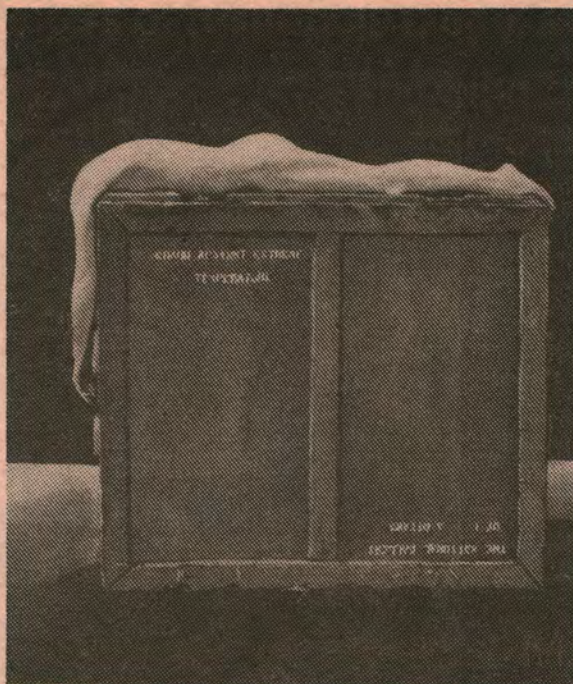
## At the Art Gallery

### Exhibition of watercolours highlights the start of the academic year

The Art Gallery has opened the new season with an exhibition of watercolours by artist-in-residence, Leighton Davis.

Mr. Davis, who is also Director/Curator of the University Art Gallery, teaches evening drawing classes at Saint Mary's. Born in Winnipeg, he has lived in California and British Columbia. In 1977 he moved to Nova Scotia and attended the Nova Scotia College of Art and Design. He is the past president of the Atlantic Provinces Art Gallery Association.

This is Mr. Davis' first solo exhibition since his work was toured nationally by the Burnaby Art Gallery from 1976 to 1979, ending at the Art Gallery of Nova Scotia. The current exhibition will continue until October 17 and then tour at Acadia University, University College of Cape Breton and Memorial University of Newfoundland.



## Saint Mary's Science Faculty Awarded Major NSERC Research Grants

Members of the Faculty of Science at Saint Mary's University have been awarded more than \$220,000 in research grants from the Natural Sciences and Engineering Research Council (NSERC). About \$196,000 of the total is for research grants-in-aid, awarded directly by NSERC to the individual applicants. The remaining \$26,000 was allocated from the University's NSERC General Research Grant fund. Among the projects being funded by NSERC grants are the following research studies.

In the Astronomy Department, Dr. George Mitchell is investigating the "Chemical Evolution of Interstellar Clouds". His associate, Dr. Norman Scrimger, is researching "Diffuse Interstellar Cloud Shock Chemistry" and "Stellar Evolution in Star Clusters and Associations". Meanwhile, Dr. Gary Welch is continuing with the development of a Charge-Coupled Device (CCD) Image camera for measuring light from remote areas of the galaxy. The camera, now being tested at the University, will soon be field tested at larger observatories in the United States.

Dr. Alphonso Rojo of the Biology Department is researching "The fecundity of the sea lamprey from La Have River, Nova Scotia".

In the Chemistry Department, Dr. Clive Elson is working on a project to determine rare earth elements using bismuth coprecipitation and neutron activation analysis. Dr. Kathleen Mailer is investigating an enzyme containing selenium, one of a number of products in animal tissue that helps protect the tissue against oxygen-caused damage. This type of damage has been linked to the aging process, inflammation, and to some degenerative diseases.

Dr. Paul Dixon of the Finance and Management Science Department in the Faculty of Commerce has

received an NSERC grant to investigate "Heuristic methods for multi-stage production systems".

In the Geology Department, Dr. Jaroslav Dostal is doing research on the "Geochemistry and petrogenesis of some igneous rocks" in addition to continuing work on the inter-university x-ray fluorescence analytical facility, located at Saint Mary's and used for the chemical analysis of rock samples. Dr. Georgia Pe-Piper is working on a project on the geologic applications of mafic volcanic rock petrology and geochemistry, a topic of some interest to the petroleum industry. Her colleague, Dr. John Waldron, is researching the "Sedimentology and structural evolution of cambro-ordovician continental margin sequences in the Canadian Appalachians".

The Mathematics Department has five NSERC projects underway. Dr. Arthur Finbow is working on a study of "Non-expansive and contraction mappings"; Dr. Walt Findon is completing research on the "Interpolation procedures applied to single perturbation problems"; Dr. Bert Hartnell is looking at "Neighbours connectivity in graphs"; Dr. Dattatraya Kabe is researching "Statistical methods in mathematical programming"; and Dr. Mo-Tak Kiang is working on "Fixed point theorems for semigroups of mapping".

In the Physics Department, Dr. B. Cameron Reed is studying "Galactic structure at optical wavelengths".

Finally, in the Psychology Department, Dr. Peter Dodd and Dr. Victor Catano are jointly researching a project on "An examination of perceptual, cognitive and learning issues related to interactive computer systems."

## Media Services

Staff of Media Services are installing television monitors in several rooms this year, starting with rooms MS300 (McNally Building — south wing), L248 and L133 (Loyola Building).

Faculty members may arrange with Media Services for programs (both off-air and taped) to be broadcast to these monitors via cable. There will be an intercom system in each of the rooms so that the instructor can remain in voice contact with the control room in the Library.

As the system expands and with proper planning by faculty members, it should no longer be necessary for classes to attend the Media Centre for video or television presentations.

For more information, please contact Paul Rooney in Media Services

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The Media Centre, which is located on the third floor of the Patrick Power Library, will be open during the

following hours throughout the academic year:

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

The Language Laboratory in Room MM201 (McNally Building — main wing) will be open from Monday to Thursday, 1:30 p.m. to 9:00 p.m. These hours are subject to change.

## Chinese University President to visit Saint Mary's

Tian Guangtao, President of the University of International Business and Economics (formerly the Beijing Institute of Foreign Affairs) will be visiting Halifax from September 22 to 25. He will be accompanied by Shi Weisan, Deputy Director of the Department of English at the University. The two Chinese academics will be meeting with the deans,

## China Language and Cultural Project at Saint Mary's University

The China Language and Cultural Project, funded by the Canadian International Development Agency, is administered by Saint Mary's University.

The project aims at providing language and cultural preparation for the hundreds of Chinese trainees who will be sent to Canada each year for work/study programs, at various placements and for varying lengths of time. It also aims to offer pre-departure briefings for Canadians who will be sent to work or teach in China under CIDA sponsorship. CIDA and the Chinese government have identified four areas for development cooperation: agriculture, forestry, energy and human resource training.

In Beijing (Peking) the project manages the Canada/China Language Training Centre, located at the former Beijing Institute of Foreign Trade. The Centre is administered by a Canadian coordinator, a Chinese coordinator, a team of nine Canadian language teachers and a team of Chinese foreign language teachers supplied by the Institute.

Bernie Potvin, a doctoral student at the University of Alberta, spent ten months in China, teaching at the Language Training Centre. Arriving after only two days orientation, he taught two five-month sessions. In between, he and his wife, Ann, toured parts of the People's Republic. On his return from China, he gave a slide presentation at Saint Mary's University and reminisced about his year in the Far East.

"Cultural shock; nothing could have prepared me for China," were his opening remarks. Potvin was one of the first instructors selected to teach at the Centre and it was up to him and his colleagues to test new equipment, devise new curricula and set up an efficient method of teaching English.

"The aim of the Centre," he explained, "is to make the Chinese trainees orally literate in English and to make them familiar with Canadian culture so that they will be able to cope over here."

While some trainees will need specialized vocabulary, such as a lung surgeon on his way to study new techniques at a Montreal hospital, most require the rudiments of the English language. As Potvin pointed out, "Before you can teach a computer scientist the technical jargon he needs to know, you have to teach him how to ask directions; how to order a sandwich or hail a taxi."

The approach at the Centre is language training through communication. In other words, trainees practice speaking English rather than concentrating on syntax. It is a proven method of language training in the West, Potvin added, but it is so novel in China that educators from around the country were sent to the Centre as observers.

About twenty hours a week were spent either in the classroom, the library, or in the highly sophisticated language laboratory provided at the Centre. However, Potvin maintained that the best work went on outside the classroom on field trips. To help the Chinese trainees adapt to Western culture, trips were arranged to the Foreign Experts hotel, and Western-style dinners and presentations of North American films were provided. The favourite movie? — *The Sound of Music!* The favourite cultural event? — Christmas, complete with Santa Claus!

The Chinese attending the Centre are, admitted Potvin, the 'cream of the crop' and include doctors, engineers, teachers and other professionals. But, they are chosen according to their need to learn a new technology and not because of their fluency in English. Some of the trainees learned to cope with an English vocabulary of less than 200 words.

"Motivating the trainees poses no problems," Potvin explained. "These people want to learn. It is a once in a lifetime chance for them. They will do anything to come to Canada."

members of the senior administration and staff of the China Project.

Dr. Hermann Schwind of the Management Department is organizing the tour. Dr. Schwind has been appointed Coordinator of the China Project in place of Dr. Mary Sun who is on leave of absence.

## Saint Mary's University Alumni Association Awards Second Annual Medal for Teaching

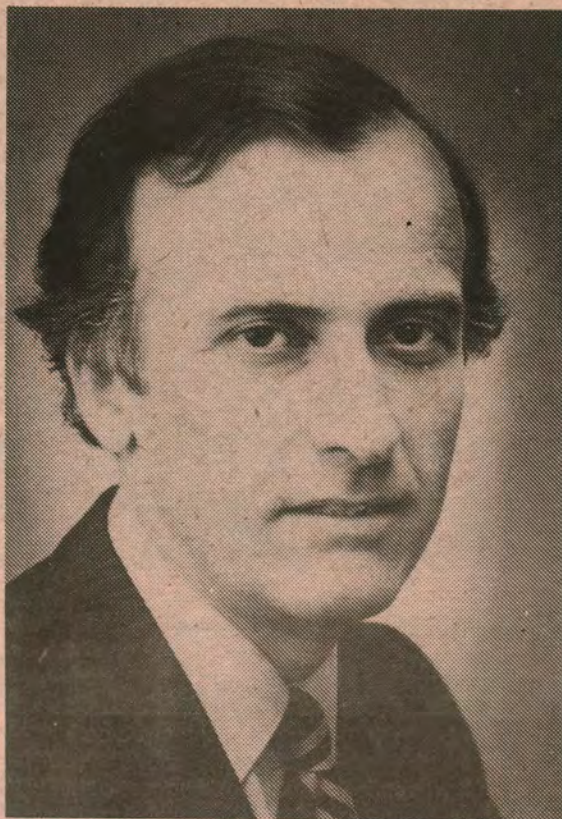
Dermot Mulrooney, professor of engineering at Saint Mary's University and a special lecturer at the Technical University of Nova Scotia, was the second recipient of the Reverend William A. Stewart, S.J., Medal for Teaching. The Medal, awarded at the Convocation ceremonies, is conferred on a faculty member, chosen by a Select Committee from among the nominees, who best exemplifies the traditions of Saint Mary's through excellence of teaching, interaction with students and significant contributions to the life of the University community.

Professor Mulrooney, who was Director of the Division of Engineering at Saint Mary's for seven years, received an Engineering Diploma from Memorial University of Newfoundland and both Bachelor of Engineering and Master of Engineering degrees from the Technical University of Nova Scotia (TUNS).

His professional experience includes positions with the Federal Department of Public Works and Engineering Service Co. Ltd. He has received National Science Foundation Summer Fellowships to attend the Massachusetts Institute of Technology in 1969 and the University of Michigan in 1971.

Professor Mulrooney has been involved for 12 years with activities of the Association of Professional Engineers of Nova Scotia (APENS) and in 1982 was awarded their Service Award. He was also Vice-President of the Canadian Society for Civil Engineering. A member of Saint Mary's University's Board of Governors since 1974, he was also Chairman of the University Senate until recently. He has been a member of the TUNS Senate since 1974 and is currently Chairman of the Engineering Institute of Canada's 1984 Congress and Conferences Technical Papers Committee.

The Medal for Teaching is awarded by the Alumni Association in the name of Father William Stewart, S.J., Professor Emeritus and former professor of philosophy. Father Stewart, best remembered in the community as the former moderator of the Dramatics



Professor Dermot Mulrooney

Society, served the University from 1951 until his retirement in 1982. Over the years he held a number of administrative posts, including Dean of Arts, University Librarian and Acting University President. In 1983, the University conferred on him the distinction of Honorary Doctor of Letters.

## Saint Mary's University Professor Appointed to National Advisory Committee on Culture Statistics

Dr. Andrew S. Harvey, Chairman of the Department of Economics at Saint Mary's University, has been appointed to the newly created National Advisory Committee on Culture Statistics. Dr. Harvey, an authority on the study of time use, is Secretary of the International Research Group on Time Budgets and Social Activities. He has extensive research, teaching and consulting experience in North America, Europe and East Asia on how people use their time.

The Committee will provide advice on the development of statistical information on all aspects of the arts and culture of Canada and will identify gaps in cultural statistics as well as anticipate emerging trends and future needs. It will also support the work of the Culture Statistics program, which studies and reports on various activities in the visual arts, interpretive arts, and in the cultural industries and institutions. With the input of the National Advisory Committee, the Culture Statistics program will be in a position to respond more effectively to the information requirements of the Canadian public and particularly to those involved in arts and culture.

The Chairman of the Committee is Andre Fortier, former Director of the Social Sciences and Humanities Research Council (SSHRC) and of the Canada Council. Other members of the Committee include Brian Anthony, National Director of the Canadian Conference of the Arts; Paul Audley, a consultant specializing in cultural industries; Peter Greene, Director of the School of Management at the Banff Centre; and Jean-Paul Baillargeon, Research Analyst at the Quebec Institute for Cultural Research.

Photo 67



Helen Sheldon

## Saint Mary's Anthropology Student Wins SSHRC Special MA Scholarship

Helen Sheldon, a recent graduate of Saint Mary's University with an honours Bachelor of Arts degree in anthropology (1983) has been awarded one of the highly prestigious Special MA Scholarships for post-graduate studies, awarded by the Social Sciences and Humanities Research Council (SSHRC). Only 100 of these scholarships, valued at approximately \$11,000 each, are awarded across Canada. Ms. Sheldon will use her scholarship to continue her research in Northeastern prehistory and archaeology at Memorial University of Newfoundland.

Since graduating from Saint Mary's, Ms. Sheldon has been involved with a number of archaeological projects. In the summer of 1983 she participated in the University's archaeological field school in Marjorca, Spain. Upon returning to Halifax, she worked with Parks Canada, excavating a prehistoric encampment within Kejimikujik National Park. She also worked on a project recording petroglyphs (rock carvings) found within the Park.

In the fall of 1983 she assisted staff of the Nova Scotia Museum in recording petroglyphs discovered at McGowan Lake in Queen's County. She then took part in the preliminary archaeological survey of Shubenacadie Canal between MicMac Lake and Lake Charles, a project she worked on last summer under Professor Stephen Davis of Saint Mary's.

## International Education Centre

### Nicaraguan educators to visit Halifax

Three teachers from Nicaragua are on a cross-country tour of Canada, speaking with Canadian educators about their methods of popular education. This is a method of education in use among Nicaragua's rural and urban poor. It involves far greater participation by students in the learning process and is based on the methods expounded by Paul Fieire, an adult educator from the United States.

The tour, which will take them from Labrador to Manitoba, is at the invitation of a number of Canadian teachers who went to Nicaragua last year to observe popular education in use in the classroom. The three delegates, Adela Perez Portacarrero, Elba Ponce Sandoval, and Jose Hernandez Menoza, are members of Nicaragua's Ministry of Education who participated in the country's Literacy Campaign in 1980. They have since helped build an adult education program to serve more than 150,000 people, most of whom are peasants.

The Nicaraguan delegation will be in Halifax from September 17 to 20, during which time they will participate in a number of workshops for literacy workers and others interested in their methods of teaching. They will also speak at a public meeting at the Public Archives of Nova Scotia on Thursday, September 20 at 7:30 p.m.

The tour is sponsored by the Participatory Research Group of Toronto. In Nova Scotia, the visit is being coordinated by the International Education Centre, the Halifax Literacy Council, the Latin America Information Group, and Development and Peace.

For more information, please contact Margie MacDonald at the International Education Centre.

# Anthropology Students Spend Summer on "digs"



Professor Larry Willett of Saint Mary's Anthropology Department at the site of the old forge along the Shubenacadie Canal.

Along the Shubenacadie Canal System a group of Saint Mary's students, and professional archaeologists led by Stephen Davis, have unearthed some signs of the earliest industrial history of the city of Dartmouth.

In Dartmouth Cove, near the lower end of the Canal, the archaeologists spent three weeks testing an area scheduled for redevelopment. The project was funded by a \$14,608 grant from the Nova Scotia Department of Development. Buried beneath the rubble at the edge of the Canal system they discovered an old wall. The purpose of the wall is unclear but Davis suggests it may have been an integral part of the system.

Shubenacadie Canal was begun in the 1820s under the supervision of Francis Hall. Hall's design included a system of five locks that would take boats from Dartmouth Cove to Sullivan's Pond above. From there the boats would travel the length of the Shubenacadie River to the Bay of Fundy. Its purpose was to create a link between Halifax and the interior of the province. Until this time, Saint John in New Brunswick was the trading capital of the region and Halifax business men had to rely on the military for trade. If a means could be found to get produce and other commodities from the interior to the City of Halifax, there was a strong possibility of creating a major commercial centre here. Hence, the Shubenacadie Canal Company, composed of prominent businessmen and professionals, was set-up. Unfortunately, squabbling, lack of finances and other troubles beset the Canal and it was not completed until the 1860s, by which time the railroad had made it obsolete. So, although Halifax did become the trading centre the citizens had hoped for, the Canal had little to do with the city's prosperity.

However, none of this was foreseen in 1826 when work began. Hall's main problem, Davis surmises, was to find a means of retaining enough water for the boats to reach the lower lock at low tide. He believes the stone wall unearthed was used to dam the cove at high

tide, keeping enough water behind it to raise the boats to the first lock. From there the locks, which were fed by water from the Pond above, would take the boats to the higher level. Unfortunately, Davis has little documentary proof to support his contention since the wall does not appear in any of the reports issued on the progress of the canal. However, he does know that the wall dates to the time of the early construction of the Canal (1826-31) and that it was obviously later abandoned since it was buried beneath late 19th century garbage. It seems our ancestors turned it into a rubbish tip.

top. Its purpose is evident from clinkers (burnt coal mixed with iron filings) and coal ash found at the site. The hearth, anvil and swage barrel locations were discovered and analysis of the concentration of iron in floor samples is being undertaken to locate the work bench. The structure is crude, but effective, indicating it was never intended to be a permanent edifice. It dates to about 1826 when construction on the Canal began.

The second excavation site remains a mystery. It is a large, probably two-storey structure with a strangely rounded east wall. Tree-dating suggests the structure was built before the 1900s but the building has yet to be dated accurately. At the moment Davis and the archaeologists have not reached the level of artifacts and are still defining the walls. They have unearthed a builder's trench on the west wall where they found some specimens, mostly household items such as tin glazed ceramics, clay pipes and pieces of bottles.

Field excavation of the Canal site will halt in November. The purpose was to identify features along the Canal and to collect artifacts for display in an Interpretation Centre that is proposed for above Lock 3 (also known as Lock 7 on Hall's plans).

Meanwhile, not far from Prospect a group of Saint Mary's students under the direction of Katie Cottreau, an anthropology honours student, dug through the remnants of the Central Trust site in Halifax. Last winter a group of students and archaeologists hurriedly went through the foundation pit of the new Central Trust building in downtown Halifax when some interesting artifacts dating to the founding of the city were discovered. This summer a project, funded by Environment 2000 and Canada Works, enabled the students to sift through the material from the foundation that had since been deposited at a landfill site some distance from the city.

After eight weeks in the field the students uncovered 20,000 to 30,000 specimens, all 18th century with a



Some of the artifacts found at Prospect include bones, bottles, nails, knives, fish hooks, pottery and glassware, and an odd selection of well worn shoe leather. In the trays at the top of the picture are assorted pipe bowls and stems.



Digging for 18th Century Trash. Anthropology student Susan Crowe picks her way through the dirt, looking for artifacts from the founding of Halifax.

The abandonment of the wall is in keeping with the history of the Canal. In 1831 the construction company went bankrupt and the workmen walked off the job. C. R. Fairbanks, the second engineer employed on the project after 1831, decided that an inclined railroad system would be the easiest way to get boats from the Cove to Sullivan's Pond. Thus, the wall and Hall's locks became redundant. Some 438 artifacts have been recovered from the site, most of the trash deposited after the wall was completed, and these will be housed in pavilions that are to be built along the Canal site. But, a portion of the wall is probably doomed for demolition and its true purpose may never be known.

Further up the Canal system in what is known as the Shubenacadie Canal Redevelopment Zone 3 (between the north end of Lake MicMac and the south end of Lake Charles) the Department of Public Works is sponsoring a mitigation study of the historical significance of the area and has provided the University with a \$95,000 grant.

The area under study is about one kilometre square and since last October some 19 potential archaeological sites have been identified. These include two pre-historic Indian sites and 17 interesting Canal features.

In July 1984 the excavation of the first of two canal-related sites was begun. It was a forge dug into a hill

mean date of 1756, just seven years after the founding of Halifax. As was known last winter, the original site was a garbage dump, full of burnt refuse. Most of what the students found confirmed this hypothesis, including broken pottery and glassware, clay pipe bowls and stems, other kitchen utensils and, surprisingly, five or six hundred pieces of worn shoe leather. There are also a large number of broken glasses and bottles which would be expected at a dump not far from a number of taverns. Interestingly, cannon and musket balls have also been found. These perhaps came from a nearby battery.

For the past few weeks, the students have been cataloguing, restoring, cleaning and conserving the specimens in the University's Archaeology Laboratory. Sometimes they have been able to piece together bits of broken pottery to make a near complete vessel. The shoes are causing some concern. They are still worn, indicating they were discarded over the years. They had wooden heels, covered with leather and attached by wooden pegs rather than nails. That makes conserving them a headache. Special costly chemicals are needed to preserve the leather from further decay. This, Davis expects will easily become an on-going winter project for himself and his student-workers.

## Schedules

### Art Gallery

Monday closed  
Tues to Thurs 1:00 pm-7:00 pm  
Friday 1:00 pm-5:00 pm  
Sat, Sun 2:00 pm-4:00 pm

### Bookstore

Week of September 17  
Mon-Thurs 9:00 am-7:30 pm  
Friday 9:00 am-4:30 pm  
Regular hours  
Mon-Fri 9:00 am-4:30 pm  
Wed 9:00 am-7:30 pm

### Continuing Education

Month of September  
Mon-Fri 9:00 am-5:00 pm  
Tues & Wed 9:00 am-8:00 pm  
(or by appointment)

### Patrick Power Library

Mon-Fri 8:15 am-11:00 pm  
Saturday 9:00 am-5:00 pm  
Sunday 1:00 pm-11:00 pm

### Royal Bank

Mon, Wed, Fri 10:00 am-2:30 pm

### Gorsebrook Lounge

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

### Burke Gaffney Observatory

Tours — Every Saturday  
Meet in Room L152 at 9:00 pm

### Religious Services

University Mass  
Sun 7:00 pm Canadian Martyrs' Church

Weekday Mass  
Mon, Wed & Thurs 6:30 pm

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

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

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

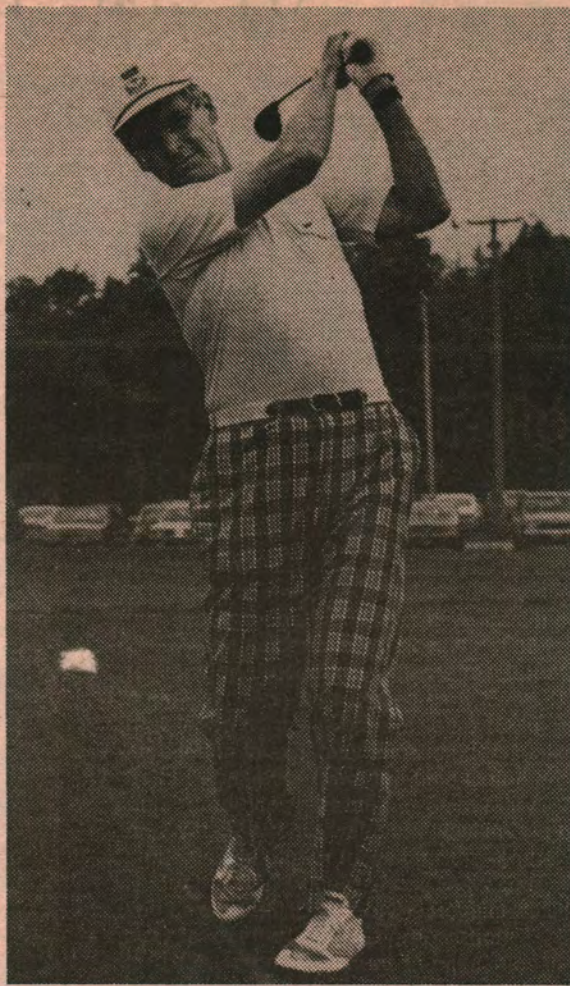


Photo 87

Lieutenant Governor Alan Abrahams tees off at the Annual Alumni Golf Tournament, held on August 31.

## Sports Schedules

### Field Hockey

Wed Sept 19	Acadia @ Saint Mary's	4:00 pm
Fri Sept 21	UNB @ Saint Mary's	4:00 pm
Sat Sept 22	Saint Mary's @ Dal	2:00 pm
Wed Sept 26	Saint Mary's @ Acadia	4:00 pm
Sat Sept 29	U de M @ Saint Mary's	2:00 pm
Sat Oct 6	Dal @ Saint Mary's	5:00 pm
Wed Oct 10	St. F. X. @ Saint Mary's	4:00 pm
Wed Oct 17	Saint Mary's @ St. F. X.	4:00 pm

### Football

Sat Sept 22	Acadia @ Saint Mary's	2:00 pm
Sat Sept 29	Saint Mary's @ St. F. X.	2:00 pm
Sat Oct 6	Mt. A @ Saint Mary's	2:00 pm
Sat Oct 13	St. F. X. @ Saint Mary's	2:00 pm

### Soccer

Wed Sept 19	Saint Mary's @ UPEI	4:00 pm
Wed Sept 26	Saint Mary's @ Dal	4:00 pm
Sat Sept 29	UNB @ Saint Mary's	1:00 pm
Wed Oct 3	Acadia @ Saint Mary's	4:00 pm
Sun Oct 7	Dal @ Saint Mary's	1:00 pm
Wed Oct 10	Saint Mary's @ St. F. X.	4:00 pm
Fri Oct 12	U de M @ Saint Mary's	4:00 pm
Wed Oct 17	Saint Mary's @ MUN	7:00 pm

## University Art Gallery

### Exhibitions

September 5 - October 17	Leighton Davis — Watercolours
October 24 - December 9	Felicity Redgrave — Night/ Space

### Performing Arts Program

#### Lunch with Art

September 28	Fridays @ 12:30 pm
October 5	Lulu Keating, film maker
October 12	Mark Lulham, wind instrumentalist
October 19	Foothills Brass Quintet
October 26	Zelda Manning, dance
November 2	Dr. D. R. Hart, piano performance
November 9	TBA
November 16	John Rapson, Bill Tritt, clarinet
November 23	David Phillips, guitarist/singer (reggae)
November 30	Rose Vaughn, singer/songwriter
December 7	Saint Mary's Dramatics Society
	James & Penelope Mark, clarinet & piano

#### Evening Performance

November 11	Sundays @ 8 pm
	Halifax Chamber Musicians: The Gallery Series

## British Association for Canadian Studies: Tenth Anniversary Conference University of Edinburgh 9-12 April 1985

### Call for papers

The Tenth Anniversary conference of the British Association for Canadian Studies will be organized on behalf of the B.A.C.S. by the Centre of Canadian Studies at the University of Edinburgh. It will begin on the evening of Tuesday 9 April 1985, and conclude on the morning of Friday 12 April, in the week immediately following Easter.

There will be three major themes considered in the conference:

1. **Ten years of Canadian Studies in Britain.** In 1985, both the B.A.C.S. and the Edinburgh Centre will be entering the second decade of their existence. It is an opportunity to take stock and look to the future.
2. **Canada since 1885: unity and disunity.** 1985 marks the centenary of the year in which the completion of the Canadian Pacific Railway physically united Canada, but in which the Saskatchewan rebellion and the hanging of Louis Riel underlined the potential sense of alienation both in French Canada and in the West. This centennial review is designed to combine papers from a range of disciplines, and contributions need not be tied to the events of 1885.
3. **The Scots and the Irish in Canada.** The importance of the Scottish contribution to Canada has long been appreciated, but it is only relatively recently that there has been sustained examination of the role of the Irish. This first Scottish conference of the B.A.C.S. offers an opportunity for a comparative study.

The conference will include both plenary sessions and workshops. Contributors to workshops will be invited to supply full texts of their papers for distribution at the conference, and to confine their presentations to twenty minutes. Where necessary, parallel workshop sessions will be held. It is intended to organize at least one workshop especially for postgraduate students.

Intending participants in workshops are invited to send a 100 word abstract of their proposed contribution, in English or French, to:

Mr. Stephen Hornsby, Centre of Canadian Studies,  
21 George Square, Edinburgh, EH8 9LD,  
Scotland

It would be appreciated if abstracts could be received by **1 October 1984**, but later submissions will be considered. Official invitations will be sent as soon after 1 October 1984 as possible.

The B.A.C.S. regrets that it is unable to assist those giving papers with their travel costs.

## Patrick Power Library: I.D. Hours

I.D.s will be taken at the following times:

September 17/84 (Monday)	9:00 a.m.-12:00 noon 1:00 p.m.- 5:00 p.m. 6:00 p.m.- 9:00 p.m.
September 18/84 (Tuesday)	1:00 p.m.- 5:00 p.m. 6:00 p.m.- 9:00 p.m.
September 19/84 (Wednesday)	1:00 p.m.- 5:00 p.m. 6:00 p.m.- 9:00 p.m.
September 20/84 (Thursday)	1:00 p.m.- 5:00 p.m. 6:00 p.m.- 9:00 p.m.
September 21/84 (Friday)	1:00 p.m.- 5:00 p.m.
September 22/84 (Saturday)	CLOSED
September 23/84 (Sunday)	CLOSED
September 24/84 (Monday)	1:00 p.m.- 5:00 p.m.
September 25/84 (Tuesday)	2:00 p.m.- 5:00 p.m.
September 26/84 (Wednesday)	1:00 p.m.- 5:00 p.m.

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