

Saint Mary's University, Halifax, Nova Scotia

The TIMES



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1996 Maclean's ranking – Saint Mary's Remains Strong



Dan Callis

(above) James and Linda Chen, from Taiwan, came to Saint Mary's to study English and are now enrolled in the Bachelor of Science program. This photo was in the recent *Maclean's* issue.

Saint Mary's University remains strong in the 1996 *Maclean's* national ranking of universities. While the University slipped one notch, moving to ninth from eighth place in the Primarily Undergraduate, Overall Ranking category, it remained in the top 10.

The calibre of award-winning faculty and students was recognized with a huge jump to fourth from seventh place in the Medical/Science Grants, Primarily Undergraduate category.

This year, all 42 English-language universities in Canada took part in the ranking, and the Université de Montréal broke ranks with its French colleagues to participate in the process. First place winners in the three categories are the University of Toronto, Ontario in the Medical/Doctoral category, Simon Fraser University, British

Columbia in the Comprehensive category and Mount Allison, New Brunswick in Primarily Undergraduate.

This is the sixth year of the survey and as Ann Dowsett Johnston, Assistant Managing Editor, *Maclean's*, wrote, "At the same time, students are facing rising tuition costs, they're borrowing at unprecedented levels, and they face a very uncertain job market. More than ever before, they need to know where the universities are cutting and where they are not."

University cuts are affecting class sizes, full-time professors, library budgets, scholarships and facilities. Today, more than ever students are keenly aware of their buying power and their right to the best education possible. That is why client satisfaction is the goal, says Dr. Kenneth Ozmon, President, Saint Mary's University.

Highlights:

- On average, funding of more than \$18,000 in research grants was received by Saint Mary's, which is an increase of more than \$2,000, compared with last year. However, the amount of Social Sciences and Humanities Grants fell by about \$2,000, dropping the University to seventh from fourth place overall.
- Almost 92 per cent of full-time faculty have PhD's, ranking Saint Mary's first in the Faculty with PhD's section.
- The number of full-time professors who received national awards dropped to fifth from second place.
- Funding for student scholarships and bursaries increased, allowing the University to move up one notch, placing sixth overall.
- The percentage of student services,

based on the total operating expenditures devoted to students increased, moving the University to fifth from seventh place. In regards to primarily undergraduates about \$4,600 is spent on each full-time student as part of the operating expenditures at the University which is an increase of more than \$200 per student from last year.

Library holdings remained fairly steady. About 6.25 per cent of the University budget is allocated to maintain library services, which is a small increase, while 27.14 per cent is allocated to updating the collection, which is more than a one per cent increase in funding. ▽

Banks Team up to Fund Young Entrepreneurs

by Renee Field

Over the next five years, the Canada Youth Business Foundation expects to have 20,000 young people employed and about 5,000 new businesses spring up across Canada, thanks to a new initiative that works directly with the banks, called the Youth Business Pilot Project.

Today young people are over-qualified in education and they need to learn the practical applications for the real world, says Holger Kluge, President, CIBC and Chair, Canada Youth Business Foundation, at the opening of the Canada Youth Business Foundation, at Saint Mary's University, on November 12, 1996.

Clay Coveyduck, Senior Vice-President, Royal Bank and General Manager, Atlantic District, stressed that no other region in the country knows the struggle for employment like Atlantic Canada and youth are particular vulnerable. "Encouraging young entrepreneurs makes sense," he says.

Both CIBC and the Royal Bank of Canada have joined forces to commit \$5.5

million over the next five years to fund young entrepreneurial businesses. "We will be here as a resource centre for anyone who needs our assistance for developing a business plan," says Anne Hope, Director, Saint Mary's Business Development Centre.

Today in Atlantic Canada, one-third of the population is under the age of 25 and the average unemployment rate runs close to 20 per cent, which is well above the national average. One-third of the new businesses are expected to come from this region, and the goal is to see 1,700 new business ventures open up in Atlantic Canada within the next five years.

There is a three pronged approach to this program. The Youth Vision Fund is geared for youths between the ages of 18 and 29, who have unsuccessfully applied for funding elsewhere. They must have education that relates to their entrepreneurial idea and a solid business plan. The average loans will run between \$7,000 to \$15,000. Secondly, the Mentor Vision Program requires all participants to work

directly with a volunteer mentor. Thirdly, the Youth Intervention program encourages on-line peer support via the internet and offers video support on how to prepare a basic business plan.

"We need local support. We as business leaders have to give something back to the community," says Kluge, and that is why both CIBC and the Royal Bank are spearheading this initiative. Successful applicants will be given a break by the banks with interest rates set at prime plus two per cent in the first year, with no principal payments. If all payments are made on time, the rate drops to one per cent above prime for the second year.

The success of this new initiative rests in the financial support of the banks, and the guidance provided by the Canada Youth Business Foundation. The Canada Youth Business Foundation shares space with the Saint Mary's Business Development Centre in their new location on Barrington Street in Halifax. ▽



INSIDE

Inuksuk; an Inuit marker. . . . pg.2
Soon Canada will have a third territory – Nunavut

Build it and they will come pgs. 6 & 7
The process of constructing the new Frank H. Sobey Faculty of Commerce building is underway. Meet some of the people who have a vested interest in this process, including Saint Mary's oldest Commerce graduate.

Convocation highlights . . . pgs 8&9
Three honorary degrees were granted at fall convocation and a number of award winning faculty and students were on hand.

Remembering legends pg.10
The death of two people who were actively involved in the Saint Mary's community has touched many. Tony Law and Joe Neil MacNeil are remembered by friends.

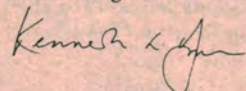
Sports wrap-up pg.12
Get a jump on next years sports schedule and check out the Huskies finishing fall season.

A Christmas greeting from the President

Dear friends and neighbors:
In today's rapidly changing world the importance of family and friends remains strong. My wife, Elizabeth, and I wish to express our warm wishes to all the members of the Saint Mary's family, and to those who are friends of our University.

This time of year tradition provides us with an opportunity to reflect upon the past and to plan for the future. Education is more vital than ever and Saint Mary's is determined to meet the challenges of offering high quality education and research; all this is an environment where meeting students is paramount.

I sincerely hope that everyone enjoys the Christmas season in the spirit of what makes this time of year so special. Peace and good will to all.



Dr. Kenneth Ozmon, President, Saint Mary's University

Letter of thanks

Dear Dr. Douglas Day,
Geography Department:

As a member of the 1996 Atlantic Summer Geography Institute, I wish to thank you and your department for hosting this most successful and valuable event. The standard and variety of instruction throughout was impressive. I feel better equipped returning to the classroom this week and look forward to trying out some of the new and practical ideas that were shared at the Institute.

The two weeks at Saint Mary's, with such highly qualified geographers, were of tremendous benefit. For me, the Institute was long overdue as it is difficult from my location in Mabou, Cape Breton, to gain access to any Geography courses during the school year and it has been a long time since I left university. The two weeks were very refreshing and a terrific learning experience.

Sincerest thanks,
Margaret (Margie) M.J. Beaton

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THE TIMES

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Inuit Reclaim Land, Culture and Society The Making of Nunavut

by Renee Field



Dr. Michael Larsen, Dean of Arts, Saint Mary's University, Peter Ernerk, Commissioner, Rankin Inlet and Commissioner, Nunavut Implementation Commission, and Allan Clark, Director, Nova Scotia Aboriginal Affairs met after the public Nunavut talk for a private luncheon at the University.

In three years, the political and geographical divisions of Canada will have changed dramatically with the formation of a third territory, called Nunavut, which means "our land" in Inuktitut, the language of the Inuit of the Eastern and Central Arctic.

"It will be a public government and very similar to the 10 provinces in Canada and the two territories," says Peter Ernerk, Commissioner, Rankin Inlet and Commissioner, Nunavut Implementation Commission (NIC), who spoke at a public lecture at Saint Mary's University in November, 1996. About 200 people crowded into the Art Gallery at the University to hear Ernerk, Marcel Fortier, Nunavut Secretariat, Department of Indian and Northern Affairs, and Francine Gauthier Jones, Advisor, Aboriginal Work Force Participation Initiative (AWPI). This is the first time the speakers have presented to a University audience the process behind the creation of the new government.

The new territory encompasses over two million square kilometres, which is one-fifth of the total land area of Canada, and includes three different time zones. About 22,000 people inhabit the area and eighty-five per cent of the population are Inuit. For the past 26 years the Inuit have fought to reclaim their identity, culture and society. The new territory will consist of a public government and all the residents will be subject to the *Canadian Charter of Rights and Freedoms*. Equally important to the Inuit is the preservation of the Arctic environment and their distinct society.

"In the legislative assembly, we want to put out a discussion for two member constituents. A woman and a man to be elected to the same riding," says Ernerk. "In northern communities we think that men and women working together is extremely important for the future." If the Nunavut government can incorporate equal representation in the legislative assembly, it will be a first for Canada.

Creating a new government is not an easy task, especially when faced with half a population that is under the age of 16 years and low levels of formal education. Along with help from the AWPI, enough Inuit will have to be trained to fill about 2,000 government jobs that will be created with the new government. The federal government has set aside \$38.9 million for training and development, but major areas such

as education, an expanding workforce and infrastructure requirements must be tackled within the 900 days that are left, says Gauthier Jones. The only way to tackle these issues is to work within the 23 communities. "We often go out to the communities and talk to the youth and say that they should complete school.... so

they will be employed by the government of Nunavut," says Ernerk. That's why the federal government initiated a stay in school program which has started to make

"In northern communities we think that men and women working together is extremely important for the future."

headway. Recently 19 high school graduates completed a summer camp program at Concordia University, Quebec.

"We don't live in igloos anymore," says Ernerk, who gave a frank and honest talk to a group of graduate Anthropology students at a workshop later in the day. "I'm the product of a residential school. In 1958, it was at that point that I recognized I lost my culture. We were forbidden to speak Inuktitut in the classrooms. When I was a young man we travelled in dog teams. We decided to call ourselves Inuit "the people" because we never accepted the term Eskimo."

Addressing the problems:

There are two main issues to be addressed by the government — housing and the increased number of youth suicides. Other areas of concern are economic development, tourism and transportation.

An estimated 15 to 16 people might live in a small two bedroom house. "We think that crowded houses do not educate our kids... and we want to employ as many Inuit in Nunavut as possible," says Ernerk. Close to 2,000 new homes are needed to house everyone. The construction phase will employ a large number of people.

The suicide issue is just starting to be discussed within the communities. "In Rankin Inlet there were two suicides in September, one in October and just one last week," says Ernerk. Statistically speaking the Arctic has the highest suicide rate in all of Canada, with about one in every five youth committing suicide. "That's too much. We can't lose our young people. It's a fact of life within the communities and we will have to deal with it," he says. Openly talking about suicides is new to the people of the Arctic and with suicide pre-

vention specialist on hand in the communities they are hoping to decrease those alarming numbers.

Currently the government is based in Yellowknife and Iqaluit, where there is the regional administrative centre, but the goal with the new government is to have sub-administrative centres throughout Nunavut. "We want our people to get the first jobs within the private industry. We recommend to decentralize so we have employment opportunities for people in the communities," says Ernerk.

The government of Canada welcomes this initiative, says Fortier, who represents the federal government's concerns. "The public forum of government will provide all programs and services in the North," he says. Logistically, the federal government is still trying to work out how the new funding formula will work. For example, transfer payments to the North West Territories might have to be smaller, which would allow the government of Nunavut to receive their equal share, but as of yet, those details have not been finalized.

"We like to promote that we live together in harmony. We promote that every resident in Nunavut has a role to play in the government," says Ernerk. ▽

User Friendly Sexual Harassment Policy

A new web site along with a "user friendly" policy and posters are helping to educate people about harassment, says Jo Stern, Sexual Harassment Advisor.

Sexual harassment can happen to anyone. The goal of the University is to increase awareness of how to deal with being touched, pinched, petted or kissed when you've made it clear that the attention is unwanted; what to do if you receive obscene phone calls or e-mail messages; having to listen to sexist jokes and innuendo in a classroom setting; how to cope with belittling comments about the aspirations or competence of women or men to succeed academically or professionally.

The brochures, homepage, and posters will help people on campus become more aware that the University does have a policy to deal with harassment and assault. For people who feel uncomfortable about making a formal report there is an informal process that encourages people to come forward to talk about their experiences.

"People think that if you have a complaint about sexual harassment then they have to go through a formal process, such as making public allegations or being identified. That isn't true. Most people I've dealt with go through the informal process and prefer to seek more informal means to resolution," says Stern. In fact about 95 per cent of the cases reported have been informally handled.

Rose Tchwenko, Sexual Harassment Assistant, designed the new web site. "Some people tend to be afraid of going to talk with someone. The web site will make more people comfortable about communications. They can ask the Sexual Harassment Advisor questions and receive a response," says Tchwenko.

The web site can be accessed through the University's homepage at: <http://www.stmarys.ca/administration/harassment>. ▽

AROUND *Campus*



Exchange agreement

Saga University, Japan, and Saint Mary's have signed an exchange agreement that encourages students, faculty, researchers, and research material between the Faculty of Agriculture, Saga University and the Faculty of Science, Saint Mary's University. (Left to right): Dr. Colin Dodds, Vice-President, Academic and Research, Saint Mary's University, is pictured with Dr. Tatsuya Koumoto, Faculty of Agriculture, Saga University.



Northern Ireland delegation visit campus

Councillor Alisdair McDonnell, Chair, Economic Development Committee, is pictured with Dr. Cyril Bryne, Co-ordinator, Irish Studies program, Saint Mary's University with Councillor, Alan Crowe, Tony Mcauley, Producer, Irish Culture Programming, Belfast, Frank Costello, Director, International Creative Strategies, Belfast Representatives in North America Boston, Massachusetts and Dr. Pádraig Ó Siadhail, Director, Irish Studies department.



Webb, front (left to right): Steve Smith, Todd Curtis, Connie Hackey, Marcia Kissner, John McManus. Missing from photo are Judith Campbell, Barry Gallant and Allan Brooks.

Business Office wins softball tournament

This year it was a fight until the end with the Business Office winning against Student Services by 2/1/0. Back (left to right): Sandra Mumford, Tricia McKeough, Janet Richey-Watson, Kevin



International students on campus

This year there are about 300 international students attending the University. A group of about 120 international students turned out for a picture during their orientation to the University. In the front row (left to right) is Alana Robb, International Student Advisor, Dr. Kenneth Ozmon, President, Saint Mary's and Dr. Colin Dodds, Vice-President, Academic and Research.



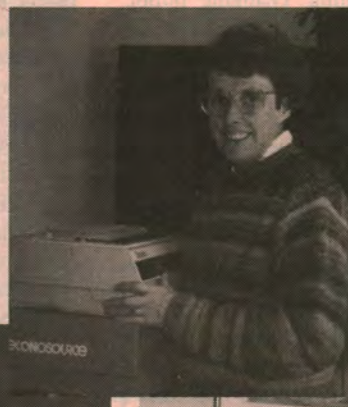
Donald Higgins Lecture

Janet Connors spoke about becoming an activist at the eighth annual Donald Higgins Memorial Lecture that was held at Saint Mary's on November 14, 1996.



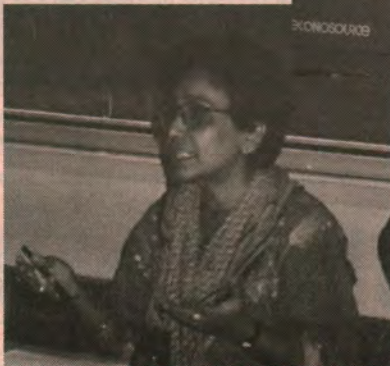
Scholarship winners

This year 120 awards were given out to second year students. There were two dozen presentations at the Scholarship dinner. Pictured in the front, with her friends is Andrea Simons, a second year Commerce student from Bermuda, who received the Dr. J.J. Carroll Scholarship valued at \$1,000.



Business Development Centre gets new location

The Saint Mary's Business Development Centre has been busy moving from their old location in Burnside, Dartmouth to their new spot across the bridge, at 1546 Barrington Street, Halifax. They official opened their new facility on November 6, 1996 and a number of prominent politicians, business leaders and academics were on hand. Pictured with boxes in tow is Anne Hope, Director, Business Development Centre.



Media conference

The Unveiling of South Asia, was the theme of this year's media conference which was held at Saint Mary's on October 28, 1996. Pictured here is Kalpana Sharma, a journalist with *The Hindu*, one of India's largest English newspapers. Sharma writes on women's issues and development.



Personalized graduation certificate

Bui Thi Lan, Head of the ASEAN Office, in Vietnam, received her personalized Master's diploma in International Development Studies, from Dr. Kenneth Ozmon, President, Saint Mary's University. Lan and Nguyen Quang Ha, First Vice Minister, Vietnam, presented a special print to Dr. Ozmon on behalf of the Vietnamese government. (Left to right): Vice Minister Ha, Dr. Ozmon and Lan.



Minmetals representatives study MBA

This year there are four managers from Minmetals, China enrolled in a specialized 12 month Master's of Business Administration degree. Pictured (left to right): Jian Jiao, Manager, Corporate Department, Yong Tian, Manager, General Import Department of Steel Products, First Business Division, Dr. Colin Dodds, Vice-President, Academic and Research, Saint Mary's University, Xu Jiging, Manger, Financial and Accounting Department, and Zigang Qian, Deputy Manager, China National Metal Products Imp/Exp. Company, Hardware Department.



Geography field trip

Understanding the hidden geography of a river and its surrounding area was the scope of the Musquodoboit River Valley Field Trip, that Dr. Philip Giles, a new faculty member to the Geography Department organized for his 300 level course. Wearing the glasses is Stan Johnston, a fourth year student.



\$100,000 pledge

Imasco has pledged \$100,000 to the Building on Strength Campaign. Warren Meek, Associate, Shoppers Drug Mart, Dutch Village Pharmacy Limited presented Donald Keleher, Director, Development, with the first installment of \$20,000.

Examining Japan at the End of the 20th Century

Taking one country and placing them under the microscope to examine their economic policies, political parties, national values and strategies, commerce, technology, literature, social networks and people is a challenge. The Japan Studies Association of Canada met that challenge with the ninth annual conference "Changes, Challenges and Choices: Japan at the End of the 20th Century," which was hosted by Saint Mary's University in October 1996.

There were about 30 international speakers at the two day symposium, some from as far away as Japan, New Zealand, Norway, British Columbia, and Calgary.

"...Since the earliest days of state consciousness in the late Yamato period and its dealings with China, Japan seems to have followed a cyclical pattern of response to external challenge by means of incorporation of the strong points of the potential threat — a process referred to as "identification with the aggressor" — followed by a period of secluded digestion and consolidation (or Japanisation, as some might say)," says Dr. Ken Henshall, Waikato University, New Zealand. Dr. Henshall's talk, "Successism in the Postmodern Age: A New Type of Challenge for Japan," touched on the economic growth and decline periods of Japan and the "father figure" relationship that the people first followed with the emperor and later the nation.

By 1968 the average economic growth rate for Japan was 10 per cent each annum, making it the third largest economy in the world. By the 1980's, Japan's economic growth was noticed around the globe.

While Japan's economy rebounded after World War II, because of the dedicated workers who believed in "acquiring the peace" of the nation, the rest of the world by the early 1980's was beginning to show resentment of Japan. The image of the Japanese as being "workaholics" was only one of the problems.

Dr. Tadashi Okudaira, Dean, Hokkaido University of Education, Hakodate, Japan, talked about the recent problems in Hokkaido. With a population that exceeds 5.6 million people and the growing economic dependence on public employment, Hokkaido has a real problem. Dr. Okudaira recommends internationalizing agriculture and fishing, changing public attitudes towards public employment, year-round tourism, and establishing Hokkaido as one of eight regional states.

Those were some of the topics discussed at the conference. The papers presented at the conference are being compiled into a book by Dr. Hugh Millward, Geography Department. ▽

University Senate Approves Archives

The University Senate has officially approved the Saint Mary's Archives. The Archives has a mandate to collect University archival material, and faculty, administration and staff are encouraged to send any material related to Saint Mary's to the Archives. They are located on the third floor of the Library and are open: Monday and Wednesday's 11 a.m. to 1 p.m. and Tuesday and Thursday's from 2 p.m. to 4 p.m.

The World is Becoming a Better Place

By Renee Field

The world has entered high-technological middle age and the mass media culture portrays the world on the brink of conflict, but things are improving, says Gwynn Dyer, journalist, film-maker and historian, who spoke at Saint Mary's University, on November 8, 1996.

His talk, "The New Canada and the Globalization Shuffle: First the Good News, then the Bad," outlined his view of the situation of the world today, and the solution to the problems for the future.

Ethnic rivalry is not running wild around the world. Most people find they have a distorted idea of the scope of the problems because of the media, which provides quick coverage of these events. "If it bleeds, it reads," he says, concerning how the media introduces the news. "We are all victims of major optical illusions. We have a completely distorted view, thanks to the media." The popular culture views the world as falling apart, but the reality is that we have never had a more prosperous, peaceful, together world.

In the last 15 years the rate of democratization has advanced around the globe, from about 30 per cent to 70 per cent. Most changes in government have evolved non-violently. There is almost complete democracy in Latin American countries, except for Cuba. Between 1986 and 1989 the effects of democracy created a cascading effect across much of Asia. This avalanche of democracy, in non-European countries, proves that democracy was not part of European culture, rather it was an event that arose through certain levels of

economic prosperity and education.

In May, 1989, Chinese citizens attempted the same techniques in Tianamen Square. They politely, but firmly demanded freedom of speech in China. This event was not an accident, says Dyer. The tactics were studied in study groups with students attending Beijing University, to see if they could be used in communist China. They came very close to succeeding, because for three weeks the government could not find the nerve to force the army to fire. When the government brought in troops from a distant region, troops that were kept in barracks and told lies, that was when the students lost. But their struggle was not in vain. Dyer believes that because of the pictures of the Tianamen Square massacre the Berlin Wall fell, only six months later. The demonstrators used the identical tactics of non-violence and succeeded. The cold war ended in 1986 and today the only new wars are in Africa. This alone indicates that the world is improving.

With populations around the globe increasing, how do countries, especially Canada, remain competitive? The Canadian strategy over the past 30 years has been to transform the Canadian population from a homogenous culture to the global village. Today under 50 per cent of the population are British and French combined, while 20 per cent are foreign born. "In terms of innovation, this is an ideal competitive edge," says Dyer. "Old English Canada died in 1980." ▽

Science, theology and the ecological crisis

by Renee Field



Building bridges between science and religion: Dr. Anne Marie Dalton

The Industrial Age in the 19th century changed the way we think. Machinery and scientific reasoning pushed spiritualism, mysticism and religious thinking to the back shelf. For 200 years, humanity has moved from the Industrial to the Scientific Age, during which discovery and observation have played an even greater role.

Today, scientific thought is changing in light of the knowledge that technology can

destroy the billion-year-old evolutionary process and the environmental challenges the planet faces.

A combination of theology, mysticism, scientific discovery and insight are ushering in what some call the "Creation Spirituality" movement. It's a blend of traditional Western mysticism, Eastern meditation, scientific insight and indigenous religions.

"The relationship between science and religion is changing," says Dr. Anne Marie Dalton, Religious Studies Department. "People think that when religionists talk about science they mean creationism. But there are serious efforts to unite scientists, philosophers and religious people to discuss common world problems." Last year, Dr. Dalton completed her dissertation, with honors, on one of the founders of this new movement — Thomas Berry.

Berry, is a cultural historian of religions, who later branched into the study of the ecological crisis. A priest by training from the Bronx, New York, he became interested in the history of attitudes that shape the world. Dr. Dalton became fascinated with

his work while doing her Masters at Fordham University, New York, where she studied with Berry. "It was intimidating in the beginning," Dr. Dalton recalls, "but he was very hospitable and encouraging."

Dr. Dalton's dissertation examines both Berry and Bernard Lonergan, a philosopher and theologian, also interested in the relationship between Science and Christianity. Of special interest to Dr. Dalton is the connection Lonergan makes between chaos theory and Christian doctrines of creation.

"Even a cursory and fairly unenlightened assessment of the state of contemporary theology," Dr. Dalton writes in her thesis, "led to the tentative conclusion that this new relationship with science might mean a new kind of theology."

To Dr. Dalton, who has always been interested in the environment, combining religion and ecology seemed natural. "How could traditional religions, especially Christianity, make use of Berry's work to cast their own theory of ethics?" she wondered. Part of her research analyzed Judaic and Christian attitudes on creation. Her work on Berry focused on his proposal for effectively transforming modern culture, especially the human-earth relationship.

According to Berry, the ecological crisis is a cultural crisis that requires cultural solutions to usher in a new era, which he calls the Ecological Age. This would be characterized by a "Psychic transformation which would be expressed in human cul-

ture as a new contextual story."

"He concluded from his investigations into religion," Dr. Dalton says, "that the contemporary world needed a myth that could guide it and motivate it as the religious myths of the past had done for their times." For Berry, cosmology and scientific thought have produced this "new story" of the universe, which can generate values needed for today.

Dr. Dalton wonders in her thesis whether scholars will consider the work of this popularizing scholar, with his new world view — a view without imperialist ideologies. But she sees a role for the "potential effectiveness of the new story in any culture...as a potential mediator of Christian meanings and values."

"I think there is hope," Dr. Dalton says. "We have the latitude for changing habits of consumption...the establishment of a better world view." ▽

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AFC CANADA

Scholarly & Professional Development

ACADEMIC AND RESEARCH

Dr. Colin Dodds, Vice-President, Academic and Research, published *Pacific Financial Systems*, as Chapter 3, in *Structural Competitiveness in the Pacific: Corporate and State Rivalries*, edited by G. Boyd, Edward Elgar Publishing Limited. He also presented a paper entitled, "Capital Flows and Corporate Governance and the Emerging Financial Systems of the Asia-Pacific Region," at the 1996 International Conference of the Academy of Business Administration in July and participated on the panel of an Executive Session called Globalization and Internationalization. Dr. Dodds was re-appointed to the University Partnership in Co-operation Development, Tier II, adjudication panel of the Association of Universities and Colleges of Canada and participated in the selection process in September 1996.

ASTRONOMY AND PHYSICS

Dr. Father William Lonc, Professor Emeritus, Astronomy and Physics, presented a paper "Undergraduate Radio Astronomy Projects," at the summer meeting of the American Association of Physics Teachers. The meeting was held at the University of Maryland, College Park, Maryland. On his way to the meeting, Dr. Lonc stopped at the University of Pittsburgh to assist its Physics Department in establishing its own undergraduate radio telescope. Dr. Lonc also recently published *Radio Astronomy Projects*, by RadioSky Publishing Company, Louisville, Kentucky.

CHEMISTRY

Dr. Michael Zaworotko, Chair, Chemistry Department, co-directed and was local organizer for this year's International Chemistry conference, *Crystal Engineering: The Design and Application of Functional Solids*, held in Digby, Nova Scotia in September, 1996.

DEAN OF SCIENCE

Dr. David Richardson, Dean of Science, has been selected as the only Canadian and one of six plenary lecturers for the Sixth International Mycological Congress (IMC6), to be held in Jerusalem, Israel in August, 1998. Over 3,000 delegates from around the World are expected to attend the congress.

EXECUTIVE MASTER'S OF BUSINESS ADMINISTRATION (EMBA)

Bonnie Kirby, Manager, EMBA program, has been appointed to the Board of Directors, Nova Scotia Film Development Corporation.

FINANCE AND MANAGEMENT SCIENCES

Dr. Harvey Millar, Finance and Management Science Department, published "Planning annual allocation of fisheries surveillance effort," in *Fisheries Research*, Volume 23, pp. 345-360, 1995. He also published "Planning fish scouting activity in industrial fishing," in *Fisheries Research*, Volume 25, pp. 63-75, 1996; Dr. Millar and T. Yang published, "Batch sizes and lead-time performance in flexible manufacturing systems," *International Journal of Flexible Manufacturing Systems*, Volume 8, pp. 5-21, 1996. While on sabbatical last year, he conducted research at Sir Arthur Lewis Community College, St. Lucia, West Indies. He also conducted joint research with a team of researchers from the University of Miami and Howard University on disaster recovery planning and management, and wrote a column called "Take Five," in one of the local weekly newspapers, and wrote about 30 articles spanning issues relating to education, culture and technology transfer, scientific management and national development. Dr. Millar also delivered several guest lectures to public institutions relating to total quality management (TQM), productivity improvement and customer service.

MATHEMATICS AND COMPUTING SCIENCE

Dr. Larry Hughes, Mathematics and Computing Science, published a paper called, "The S-Machine: An Alternative Approach to Teaching Assembler Language Programming," in *Computer Science Education*, Volume 6, No. 2, 1995. The paper describes the S-Machine, a teaching package developed for introducing students to low-level machine architecture, assembly language programming, and the internals of programmers' tools such as linkers and librarians. Dr. Hughes uses the S-Machine when teaching Computing Science courses. In June 1996, Dr. Hughes presented his paper, "Canadian Carbon Dioxide Emissions: 1990-2000," to the World Renewable Energy Congress, held in Denver, Colorado. The paper was written in light of Canada's pledge at the 1992 Earth Summit to stabilize its carbon dioxide emissions to 1990 levels by the year 2000. Dr. Hughes' paper shows why the Canadian stabilization target cannot be met: gross and per capita emissions are increasing, while emissions in terms of gross domestic product are showing minimal change.

MANAGEMENT

Dr. Albert J. Mills, Management Department, was an invited participant to the "Gender and Organizational Change," conference held in Quebec in May, 1996. Later that month he presented a co-authored paper, "Organizational analysis goes to the movies: inserting humanities into the management curriculum," at the Administrative Science Association of Canada's annual meeting in Montreal, Quebec. He was awarded best paper for his division. In June, 1996, Dr. Mills organized and was a discussant for the Critical Approaches to Organizations' session of the Canadian Sociology and Anthropology Association's annual meeting at Brock University, Ontario. His most recent works published include "Corporate Image, Gendered Subject and the Company Newsletter: The Changing Face of British Airways," in *Constituting Management: Markets, Meanings, and Identities*, edited by Gill Palmer and Stewart Clegg, Berlin: de Gruyter; "Strategy, Sexuality and the Stratosphere: Airlines and the Gender of Organization," in *Gender Relations in Public and Private: Changing Research Perspectives*, edited by Stina Lyon and Lydia Morris, London: MacMillan; "Organizational Sexuality," in *Women and Work: A Handbook*, edited by P. Dubeck and K. Borman, New York: Garland Publishing Inc. and "Organizational Culture," in *Women and Work: A Handbook*, New York: Garland Publishing Inc.

Dr. Hermann Schwind, Management Department, was invited by the Advanced Management Training Centre, University of Economics in Bratislava, Slovakia, to give a one day seminar for 50 higher level managers, civil servants, and professions on "Performance Management." He was also the keynote speaker at the annual meeting of the Slovakia-Canada Club, speaking on "Doing Business Abroad." Dr. Schwind, has been invited to contribute an article on "Certification of Human Resource Professionals: Pros and Cons," to *Personal*, a journal aimed at HRM professionals in Germany, published by the University of Mannheim.

SOCIOLOGY

In July 1996, **Dr. Wendy Chan**, Sociology Department, successfully defended her doctoral thesis, "The (Un)making of an Aberration: Women Who Kill Their Parents in England and Wales," at the Institute of Criminology, University of Cambridge, United Kingdom.

Dr. Ronald Cospes's article "Alcoholism" will be published in James H. Marsh (ed), in *The Canadian Encyclopedia*, third edition, Edmonton: Hurtig Publishers. His article "Language in Nova Scotia," will appear in John Edwards (ed), *Language in Canada*, Cambridge: Cambridge University Press.

Dr. Richard Hadden, Sociology Department, was awarded the American Sociological Association's 1996 Marxist Scholarship Award, for his book *On the Shoulders of Merchants: Exchange and Mathematical Conception of Nature in Early Modern Europe*, SUNY Press, 1994. Dr. Hadden and Dr. Michael Overington produced the lead article "Ontological Porcupine: The Road to Hegemony and Back," in the Spring issue of *Perspectives in Science*, University of Chicago Press, Vol. 4, No.1, 1996.

Dr. Michael Overington, will be beginning his 13th year on the editorial board of *Philosophy of the Social Sciences*.

Dr. David Perrier, presented a paper "Processing Public Complaints Against the Police in Nova Scotia: A Critical Review," at the Third Biennial Conference on International Perspectives on Crime, Justice and Public Order in Dublin, Ireland, June, 1996. The third edition of his text *From Crime to Punishment*, co-edited with Joel Pink, will be released by Carswell Publishing Company, December, 1996.

Dr. Evie Tastsoglou's article "Mapping the Unknowable: The Stimulating Challenges and Bittersweet Rewards of Cultural, Political and Pedagogical Border Crossings," will appear in Agnes Calliste and George Dei (eds) *Anti-racism and Critical Race, Gender and Class Studies: A Canadian Reader*, University of Toronto Press.

Dr. Madine VanderPlaat, Sociology Department, presented a paper, "Indicators of Effectiveness in Health Promotion," with Dr. Deborah Castle, at the Canadian Public Health Association Annual Conference, June 1996. She also presented a paper "Evaluating for Empowerment: The Critical Gaze," at the Crisis in the Human Services: National and International Issues conference held at Cambridge University, September 1996.

Dr. Henry Veltmeyer, Sociology Department, participated in the first Tricontinental meeting against neoliberalism and for democracy, at LaRealidad, Chiapas, Mexico, as part of the Canadian delegation. This year, Dr. Veltmeyer has a visiting professor appointment with the graduate program in Political Science at the Autonomous University of Zacatecas, Mexico. ▽

Astronomy moves into the 21st century

Astronomy has come a long way from the days of using just the telescope. Today, with 3D super computers able to process vast amounts of data and time charts that can span thousands of years, astronomers are beginning to glimpse the potential of the ever expanding universe.

That was just part of the theme of this year's 12th Kingston Meeting of Computational Astrophysics, hosted by Saint Mary's University in October, 1996. Cosmology/relativity, galactic and solar system dynamics and stars were some of the topics discussed, by speakers from across the United States and Canada.

Dr. Michael Norman, NCSA, Illinois, gave a talk called, "Computational Astrophysics: The 'New Astronomy' for the 21st Century," to a packed room at the Citadel Inn, Halifax. He stressed that modern astrophysics owes a lot today to observational spectroscopy and quantum



Taking a quick break from the conference were Dr. David Richardson, Dean of Science, Dr. Michael Norman and Dr. George Mitchell, Astronomy and Physics.

physics. With the advent of the super computers, astronomy has been able to break new ground. In 1976 the idea of using computers was looked upon just as another experimental laboratory tool.

"Digital computers have been quietly transforming the face of astronomy and astrophysics since their invention in the mid-20th century such that now they are ubiquitous and indispensable tools for observer and theorist alike," he says.

Today, scientists are trying to "Recreate the universe in the computer, and eventually we will be able to predict what we observe," he says. Computer power is growing at a rate of about 80 per cent each year and eventually every scientist will have a super computer as part of their work station. All of this is forcing scientists

to confront tougher problems. The future is a bright place for astronomers, says Dr. Norman. More problems will be solved and super computer workstations and WEB computing, along with smarter algorithms, will be in place. Also, Dr. Norman stresses that more interdisciplinary collaboration needs to take place to benefit astronomy as a whole. ▽

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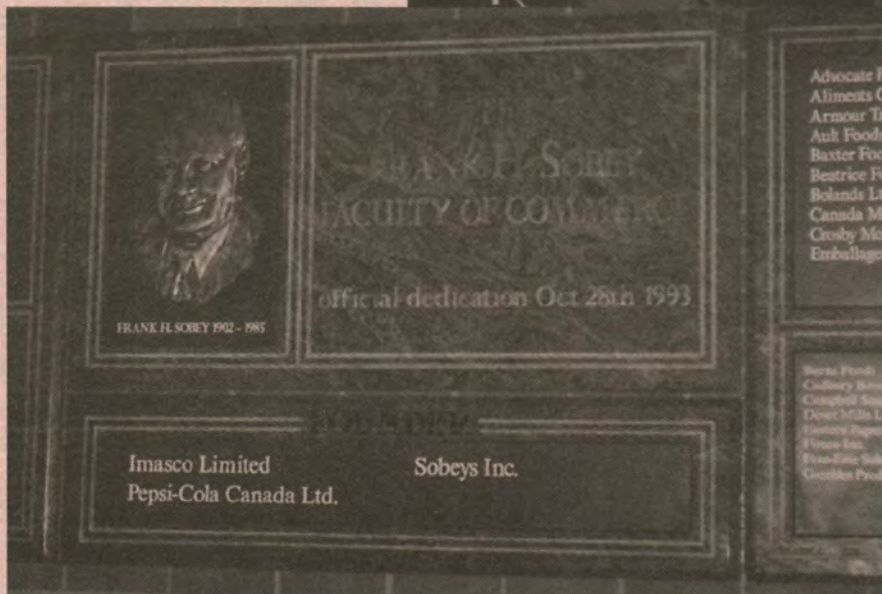
FREE ADMISSION

Building for the 21st century

The new Frank H. Sobeys Faculty of Commerce building

(right) The Honorable John Savage, Premier, Nova Scotia was the first to turn the sod for the new Frank H. Sobeys Faculty of Commerce building. Standing in line are Dr. Kenneth Ozmon, President, Saint Mary's and Most Reverend Archbishop Austin E. Burke.

(below) In conjunction with the sod turning there was a plaque ceremony held outside the Dean of Commerce's office in the McNally building. The Food Industry Donors Wall of Fame lists the generous donors who have helped with the Building on Strength campaign.



The construction of the Frank H. Sobeys Faculty of Commerce building marks a new era for Saint Mary's University. With the tender calls already made for architecture and construction management firms, the process is well underway to have the building open by September 1998.

The sod turning ceremony, held on October 16, 1996 was just the beginning of that process. With the amount of people that turned out for the event, the success of the new commerce building will not go unnoticed. Faculty, administrators, staff, students, alumni, neighbors, business leaders and politicians were on hand.

"I remember being with you a little earlier this year, when I first announced that we would invest \$6 million in funding for the capital construction of this new facility ... I understand that the province's investment may have been inspirational in persuading people to reach deeply into their pockets. With some solid leadership from David Sobeys, your corporate fundraising is now approaching the \$12 million mark. That is a proud reflection of the way Nova Scotians pull together to make important things happen. Congratulations," says the Honorable John Savage, Premier, Nova Scotia.

"How sweet it is," sums up exactly how Dr. Kenneth Ozmon, President, Saint Mary's University feels about the construction of the new building. "Partnerships with government, business and professional associations have been the backbone of

the Saint Mary's Commerce Faculty for decades. We have offered specially designed programs for a variety of groups, and with the support of federal, provincial and municipal government agencies, small business and entrepreneurs in Nova Scotia have benefited from access to the brightest business students and the best business professors in Atlantic Canada."

Students in Nova Scotia will have the best opportunity to study commerce with state-of-the-art technology, conference rooms and an award winning faculty. The development of a doctoral program in commerce will place Saint Mary's as the business leader for the Atlantic Region and provide students with more opportunities both within Nova Scotia and abroad. ▽



Father William Stewart and Dr. Kenneth Ozmon take a turn on the earth mover at the sod turning ceremony.

Oldest Commerce Graduate in Metro

by Renee Field



Today, three generations of Delaney's have walked the halls of Saint Mary's. Surrounded by his son John and granddaughter Erin, is Randy, who started the Saint Mary's tradition.

Sixty years ago, Saint Mary's University was a very different place. The Irish Christian Brothers were the administrators and only a few hundred people attended the then all-boys college, compared with over 8,000 men and women today. Over the years much has changed and grown within and beyond the campus, but the original foundation that established the University has remained the same — providing quality education to students.

"Saint Mary's gave me the start of a good life," says Randy Delaney, 83, who graduated with a Bachelor of Arts in 1936 and a Bachelor of Commerce degree, two years later. Going to the college was a natural extension for Delaney,

who completed high school at Saint Mary's, then located on Windsor Street in Halifax. In the early 1930's, only a handful of men decided to study business, and Delaney seized the opportunity to be one of them.

In 1934, Saint Mary's College was among the first of its kind in Canada to establish a Faculty of Commerce program. Brother William Cornelia, president from 1931-1937, saw the establishment of the Commerce program just before he returned to Ireland.

"Experienced commercial men may today have a slight advantage over the college trained man but time will eliminate this, and then the benefits of a college education will be realized," wrote an anonymous student in the Saint Mary's yearbook, *The Collegian* of 1933. Years later his words seemed to be a prophecy of higher

education's new role in the business field.

Delaney looked upon furthering his education as a means to help him in the workplace. "Dekker" as he was nicknamed on campus, decided to continue his studies after his first degree. With his parents living in Halifax, he was considered a day student. He did not miss out on college life. In fact, in many instances he was in the middle of it. Laughing, he recalls how he used to play the piano in the college gym for the old silent movies.

"He was a great fellow to work for and he played a very fine organ too. We had some good times, back in those days," says Jack Greenough (BA'59/BComm'60), district six Councillor and Deputy Mayor of the new Halifax Regional Municipality, who used to sing while Delaney played the organ.

Education and music went hand in hand for Delaney. Besides playing the piano in the College orchestra, he played the organ and the clarinet for graduations and weddings. Delaney was also one of the pioneers in the establishment of the *Saint Mary's Journal*, the student newspaper, which was published for the first time in 1936. For 25 years he was a



Striking a dashing pose is Randy Delaney when he graduated from Saint Mary's University in 1936.

band member in the St. Patrick's Concert Band. With World War II well underway the band often entertained the troops stationed in Halifax. Playing in the band was where he met Marguerite, 75, his wife of 53 years. She belonged to the St. Patrick's Social Club and used to sing and dance as part of the show they performed for the troops.

After graduation Delaney worked for

the Royal Dockyard until he was conscripted into the army. Making the rank of Sergeant, he served with the Central Ordinance Department and just before the war was over his name came up to go overseas. Luckily, the war ended before the orders could be followed. After the army, they moved to the United States. For five years he worked in Boston, Massachusetts. "After a while it was a rat race. When my mother started to get sick, we decided to come home," says Marguerite. Back home, Delaney took a job working for the provincial government's Department of Labor, where he worked for 20 years, while Marguerite worked for 12 years with the federal government. On the day Delaney retired they went on a whirlwind tour of Europe.

Pointing to a 1947 photograph Delaney says, "There's only five of us left that played for the St. Pat's band." It's not hard to spot Delaney in the photo; back row, handsome in his youth, he is the one grinning ear to ear. That same 30-year-old smile, lit up his face when he was recently asked to participate, as the oldest Commerce graduate, at Saint Mary's recent sod turning for The Frank H. Sobey Faculty of Commerce building.

"That's going to be great and some different from when I went to Saint Mary's," says Delaney. That sentiment was echoed by Delaney's son, John, 52, who also graduated from Saint Mary's University with a Bachelor of Arts in 1964. "Going to Saint Mary's was just a natural progression from the high school. The Jesuits were a little stricter, but they were fair," says John.

"It (the University) has expanded, but it has maintained that type of family atmosphere. It may be a big school but it's a small school at the same time," says John. When he studied at Saint Mary's, tuition was close to \$400 and all the classrooms were contained in the McNally building.

Things certainly have expanded, but "It's a family school," echoes Erin Delaney, 19, John's daughter, who is in her second year of an Arts degree. "They have the best Irish studies program in the region and I wouldn't go to another school," she says.

Today, with a third generation of Delaneys walking the halls of the University, Randy is kept up-to-date on what's happening at his alma mater. Erin's sister, Katie, 21, who has a few credits left to complete in her Arts degree is taking a break from studying and much like her grandparents before her she is making her journey across England and Europe. ▽

Editors Note:

Katie Delaney is currently working at a London pub and recently met David Sykes, B'Comm '94 who was a Saint Mary's Rhodes' Scholar

Fall Convocation

Photography by Jim Clark



Close to 185 Saint Mary's graduates assembled in The Tower, Field House for fall convocation in October 1996.



Pictured with his extended family is Amatus Forsac, honors, Bachelor of Science degree majoring in Math and Computing Science. Amatus is originally from Cameroon and is currently in his first year of the Master's of Business Administration program at Saint Mary's.

Adding the final touches to his valedictorian speech is Paulo Eusebio, Master's, International Development Studies (IDS), with fellow IDS Master's graduate Nadia Stuewer.



Showing off her Bachelor of Arts degree to her son, Zachery, is Suzanne Denomey, from Halifax, Nova Scotia.



The first Irish Studies major graduated at fall's convocation. (Left to right): Dr. Pádraig Ó'Siadhail, Director, Irish Studies program, Pauline Hingston, Bachelor of Arts, Irish Studies major and Dr. Cyril Byrne, Co-ordinator, Irish Studies program.

Honorary Degrees



Diane E. McGarry,
Doctor of Commerce

(honoris causa)
Having worked her way up the corporate ladder, McGarry strongly believes in team spirit and providing a quality product.

A native of Oakland, California, she earned a Bachelor of Science in Business Administration from the University of Redlands, California in 1980. Earlier this year, the Ryerson School of Business Management presented McGarry with an honorary Doctor of Science degree.

McGarry joined Xerox Canada Incorporated in 1973 as a sales representative, but quickly assumed almost every position in the sales end of the business including Vice-President and Regional Manger, Eastern United States region and then Executive Assistant to the Chair and Chief Executive officer for Xerox. Currently, she is Chair, President and Chief Executive Officer of the company.

She is also a Director of the C.D. Howe Institute and serves on the Board of Directors of the National Quality Institute. Besides serving on a number of advisory boards, she is involved with a number of institutes. ▽



P. Michael Maher,
Doctor of Commerce

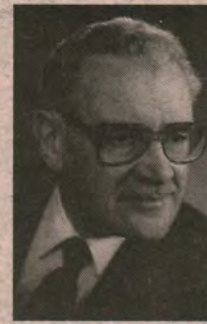
(honoris causa)
"To successfully contribute to Corporate Canada by building and enhancing meaningful relationships among business, academic, and government organizations," is Dean Maher's life-time objective.

Graduating with a Bachelor of Engineering degree, University of Saskatchewan, he completed a Master's of Business Administration degree, University of Western Ontario and five years later was awarded a PhD degree by Northwestern University. He is also a Professional Engineer in the provinces of Saskatchewan, Alberta, Ontario and Quebec, and holds a pilot's license.

Flying high and aiming for the sky would seem to embody Dean Maher, whose career began with DuPont of Canada. He quickly left the corporate world for academic life and started in 1968 as Research Engineer for the Department of Industrial Engineering and Management Science at Northwestern University. Two years later he was appointed Professor and Research Co-ordinator in the Faculty of Business Administration and Commerce, University of Alberta. Today he is Dean and Professor in the Faculty of Management, University of Calgary. He is also currently the Chair of the Canadian Consortium of Management Schools and was past Chair, Canadian Federation of

Deans of Management Science (1982-84). Dean Maher has been appointed to countless boards both in the private and academic worlds.

He has a strong commitment to program innovation and management education in Canada. He was a key player in the development of the University of Calgary's new Enterprise MBA program and has authored a number of publications on the challenges facing management education in Canada today. Students are also very important to Dean Maher, and he was instrumental in the establishment of the Association of Management Student Organizations. ▽



J. Philip Vaughan,
Doctor of Science

(honoris causa)
Beginning small, being a forward thinker and grasping for the future would seem to describe Vaughan,

who started his education at Saint Mary's high school and later Saint Mary's College. In 1942, he received a Diploma in Engineering and the next year a Bachelor of Science from Saint Mary's College, only to receive a Bachelor of Engineering degree from the Technical University of Nova Scotia (TUNS), two years later. In 1991, TUNS granted him an honorary Doctor of Engineering degree.

Working for 12 years as Chief Bridge Engineer for the Nova Scotia Department of Highways, Vaughan started his own consulting firm in 1959 and continued as President until 1988. At that time, he became Chair, of the Board of Vaughan Engineering Associates Limited. Today, his company is one of the largest consulting engineering firms in Atlantic Canada.

Vaughan became Lieutenant Colonel and Commanding Officer of Fifth Field Engineering Regiment, Reserve Force, at the age of 34 and continues his interest in the Military Engineers Association of Canada, having served as National President in 1963. He has also been a member of a number of boards including both Saint Mary's University and TUNS and has been involved with a number of organizations over the years including the Association of Professional Engineers of Nova Scotia. Vaughan has also been active with the Saint Thomas Aquinas Parish Council and has been lay minister at Saint Thomas Aquinas for the past 25 years.

He has received numerous awards including the "Citizenship Award," from the Association of Professional Engineers of Nova Scotia and two years ago he was elected as an Honorary Life Member of the association. He was also elected a Fellow of the Canadian Society for Civil Engineers, and a Fellow of the Engineering Institute of Canada.

Earlier this year, he and his wife, Hilda, celebrated their 50th wedding anniversary and three of their seven children are alumni of Saint Mary's University. ▽

International Management award



Kathly MacCulloch

Dr. Sanjay Sharma, Marketing Department, was awarded Best Dissertation Award for 1996 by the Academy of Management. This is only the second time a Canadian has won this prestigious international award.

For the first time, a Commerce professor from Saint Mary's University has received international recognition for his thesis work. This is a University first and a rarity in Canada.

Dr. Sanjay Sharma, Marketing Department, was awarded Best Dissertation Award for 1996, for his thesis "Corporate Environmental Responsiveness Strategies and Competitiveness in the North American Oil and Gas Industry," by the Academy of Management. This is only the second time that a Canadian has been awarded this international award. His research examines the environmental issues that affect companies and discusses how businesses can remain competitive while being environmentally responsible.

The Academy of Management is the most prestigious management association in the world. Acceptance of a paper is viewed by many as the equivalent of having an article published in a top journal.

"It was just a surprise to get short listed and such an honor that I wasn't even paying attention when they announced the winners. Then everyone started slapping me on my back and I knew I won," he says.

Dr. Sharma realized he wanted to do more research, so after 16 years in private industry, he went back to school. He com-

pleted his PhD last year at the University of Calgary. Besides his research work, Dr. Sharma is involved with the United States Presidential Council for Sustainable Development, which was set up by US President Bill Clinton. Over 500 people are involved in the council and correspondence is done via the Internet. It is quite an honor to be asked to join this international council.

"I really, really like this place. I had several offers in the United States and in Canada, but we wanted a family oriented place," he says. Both Dr. Sharma and his wife study business issues and they decided to complete their doctoral programs at the same time. While it was stressful for both of them, they could better appreciate each other's feelings. His wife works on contract as a professor at Dalhousie University in their Business Department.

"There are good things happening here at Saint Mary's. We have a good group of people. I love teaching and doing research," he says. Dr. Sharma is fairly new to the University, having started in January 1996. This year he is teaching three courses. He is currently working on examining environmental issues that affect the pulp and paper industry. ▽

Award Winning Students and Professors

First Eugene A. Forsey Prize Granted in Canada

For the first time a Saint Mary's student has won the Eugene A. Forsey Prize in Canadian Labor and Working-Class History.

Judged by the Canadian Committee on Labor History, Kimberly Berry, 29, a Master's student in the Atlantic Canada Studies program, received the award for her undergraduate honors thesis, "The Last Cowboy: The Community and Culture of the Halifax Taxi Drivers." Berry, who was a Dalhousie University student at the time completed her thesis and submitted her work to the committee in April 1995. She then started her Master's degree at Saint Mary's in September of that year, and recently was notified of her award.

"Drivers experience a sense of community," she says. As a three year taxi veteran, she has experienced first hand that sense of community. At the age of 19, Berry started driving a cab because "I wanted to know what it was like," she says. While she was young and inexperienced, the drivers quickly showed her the ropes.

"The willingness to help one another and stop to help one another when in need is real," she says. When a taxi driver is killed the community rallies to help support the grieving family, usually with a collection.

About 30 Cabbies were interviewed for her thesis, in a community of 1,000



Shown with Halifax cabbie is Kimberly Berry, who recently won the Eugene A. Forsey Prize in Canadian Labour and Work-Class History, for her research into the Halifax Cabbie industry.

taxi drivers. Currently, she is researching women taxi drivers for their experience of gender. She plans to graduate this Spring with her Master's and continue her studies to the PhD level in Ontario.

Chemistry Students Take Top Awards at Atlantic and NATO Conferences

At the Atlantic Chemical Institute of Canada

student conference in Antigonish, three chemistry students won best oral presentation for their work. Bonnie MacLean, an honors student, received best oral presentation for "Inorganic and Analytical Chemistry," Jackie Surette, honors student, best oral presentation "Organic Chemistry," and Susan Batchilder, a recent honors graduate student, received best oral presentation for "Physical Chemistry."

At the recent NATO meeting on crystal engineering hosted by Dr. Michael Zaworotko, Chair, Chemistry Department, in Digby, Nova Scotia, Nikki Power, an honors student and Tracy Hennigar, won best poster presentation, in a competition open to both graduate and undergraduates.

Best Emerging Researcher

Professor Ellen Farrell, Management Department won the Best Emerging Researcher award at the Canadian Council on Small Business and Entrepreneurship. The award is worth \$2,500 toward future research activities.

First Place for Math Students

Stephen Finbow, a third year student and Qiyan Li, a second year student, took first place from a field of 15 teams in the 19th annual APICS mathematics competition. A third Saint Mary's contestant, Philip Mak, competed on a scratch team and placed fifth overall. This is the first time that a Saint Mary's team has finished in first place in this contest.

The Atlantic Provinces Council on the Sciences computer science committee held its programming competition, and Saint Mary's team, consisting of Lamees Abou-Rahma and Anis Hanna, were awarded honorable mention. ▽

Remembering a Great Artist

C. Anthony Law

October 15, 1916 –
October 15, 1996

by Leighton Davis, Director/Curator,
Saint Mary's University Art Gallery

Saint Mary's University lost a great friend and supporter when Anthony (Tony) Law died on October 15, 1996.

Tony came to Saint Mary's following a distinguished career in the Canadian Navy. During World War II he was the Commander of the 29th Canadian Motor Torpedo Boat Flotilla and was appointed an official Naval War Artist in 1943 and 1945/6 while his boat MTB 459 was up for refit. He has recounted many frightening accounts of his attacks on the powerful German armada in his book *White Plumes Astern*, published in 1989. He received the Distinguished Service Cross in 1944.

Prior to the outbreak of war he had just begun a most promising career as a landscape painter. He had studied painting with such prominent artists as Franklin Brownell and Fred Varley. Highly influenced by the Group of Seven he undertook painting expeditions with Henri Masson, Jackie Nichol and Tom Woods to the Gatineau Hills. In 1937 he had his first solo exhibition in Quebec City in which he "did very well for the depression" and promptly resigned his design job to work



as a landscape artist. He was awarded the Jessie Dow prize in 1939 and 1951.

Following the war he continued his command in the Canadian Navy where he had opportunities to lead expeditions to the Arctic and to Easter Island. During this time he continued his art and was known as the "Painting Commander".

Rowland Marshall, a philosophy professor, remembers approaching Tony in 1964 as part of a committee to purchase works of art which would be displayed throughout the University. The Jesuits understood that exposure to the visual arts was an

important part of a liberal arts education and Tony was invited to come to Saint Mary's as Artist in Residence. He maintained a studio in the McNally building where he painted and worked with students. Edmund Morris, Planned Giving Consultant, Development Department, felt that Tony set a wonderful example for students. Morris thought that Tony was courageous, creative and yet so genteel and soft spoken. He set up a gallery in the foyer of the library and toured exhibitions throughout the Atlantic Provinces. Together with his wife, Jane, he also created sets for the Saint Mary's Dramatic Society with

Father William Stewart. One plywood wood stove was so realistic one gentleman offered to buy it after the production.

Tony worked hard to help build the infrastructure of public galleries we have in Halifax today. He secured the premises for the Centennial Gallery in 1967 and served on the board of the Art Gallery of Nova Scotia. He worked with Morris and others on the design of our Saint Mary's University Art Gallery. When Robert Dietz became the first Director, Tony continued on as Artist in Residence and retired in 1980. He had major exhibitions

of his work at Saint Mary's in 1972, 1975, 1980 and, in May of this year with his wife in an exhibition 60 Years Painting from Nature. In 1989, curator Bernard Riordon undertook a retrospective of Tony's painting at the Art Gallery of Nova Scotia.

Since his retirement Tony and Jane have continued to support Saint Mary's with scholarships for students and many other activities including receptions in their home. They have always contributed generously to our Gallery both as patrons and artists.

On a personal note, I will miss Tony as a close friend and fellow artist. We travelled together on painting trips to the Queen Charlottes, San Miguel, Cape Breton, Cross Island and many other destinations particularly on the South Shore. I will miss the fellowship and the "happy hours" following a strenuous day of painting in the outdoors. Even when he was ill he still had double the energy of anyone else and undertook painting trips to Mexico and Bermuda and renovated his house and built a Japanese Garden. He was a man of action that made things happen and his energy, creativity, generosity and gentility will be greatly missed by a wide circle of friends and colleagues.

Editors note:

Anthony Law donated about 135 art books, consisting mainly of Canadian art, to Saint Mary's University's Library just days before he died. The books are valued at \$5,000. ▽



A Gaelic Legend Dies

Joe Neil MacNeil (1908-1996)

by Dr. Cyril Bryne, Co-ordinator, Irish Studies Program

In 1990 Saint Mary's University conferred an honorary doctoral of letters degree on Joe Neil MacNeil to honor his lifelong commitment to the culture of Gaeldom and to single out a truly remarkable man who lived humbly in our midst.

Joe Neil, known in the Gaelic community as 'Eos Nill Bhig,' died on October 14, 1996 at the age of 88. His passing is an enormous loss to Gaelic culture because Joe Neil was the last of the Gaelic seanachaidhean, those possessors of the store of cultural riches which have been passed on orally for hundreds of years.

Though the loss of this living link with the Gaelic tradition is irreparable in a culture which valued so highly the art of the seanachaidh, a lot of Joe Neil's stories are preserved by tape-recordings made by a number of Gaelic scholars, including his friend and close collaborator Dr. John Shaw, Department of Scottish Studies, University of Edinburgh. John ensured that some of Joe Neil's treasured hoard of lore was made available to a world-wide audience with the publication of *Sgeul gu Latha/Tales until Dawn* (1987). The book received praise world-wide for its scholarship in preserving Gaelic traditions of which Joe Neil was the unique possessor. It is typical of Joe Neil that despite his international standing, his own fierce loyalty to Cape Breton Gaeldom, required that the book be launched in the firehall of the parish of Big Pond, where he had heard many of his tales.

Joe Neil grew up in a community settled by Gaels from the Outer Hebridean islands of Barra and South Uist. In the early years of this century, Gaelic was the preferred language of the community. Joe Neil told me once that his mother knew only a few words of English and that he himself acquired English at school around the age of seven. By conscious choice in his childhood, he sought out the respected storytellers in the community and absorbed from them a body of tradition, which even then the community elect regarded as passé. His command of the Gaelic language was extraordinary. John said to me one time

that every time Joe Neil spoke a new phrase or word would issue from his lips.

Joe Neil was regarded by Gaelic speakers as having the highest standards in the language, described as "ringing Gaelic." He was sought out as a language teacher at the university level and when scholars began recording his repertoire, they discovered a range, quality and beauty far beyond anything they could have expected for its time and place. Along with this repertoire, some of it 2,000 years old, was discovered his formidable knowledge of songs, genealogies, instrumental music and proverbs.

Joe Neil believed that Gaelic language and culture should have a constructive and vital part to play in Cape Breton. Little known by us here, he was a central fixture of the Toronto Storytelling Festival where he was recognized as a major Canadian storyteller. In 1989 the Folklore Association of Canada conferred on him the Marius Barbeau Award. His Gaelic expressions have been used extensively in university language courses in Scotland and *Tales until Dawn*, is required reading in folklore courses at Scottish universities.

I will leave the last word to the person who knew him and valued him the best, his close friend John: "As the leading Scottish Gaelic storyteller of his time he should be regarded on a level with gifted and dedicated Cape Breton Gaels such as composer Dan R. MacDonald, violin player Máiri Alasdair Raghnaill, Angus Chisholm, and singer Malcolm Angus MacLeod. He also had something else in common with such

'ordinary' Gaels: the understanding that their materials, art and skills are part of a larger community. As a Gaidheal gu chùil (a Gael to his backbone) Joe Neil's legacy as a storyteller and his gift to all of us is as much in his dedication to storytelling and the people around him, as in the stories themselves." ▽

Astronomy professors receives huge funding grant

A professor in the Astronomy and Physics Department at Saint Mary's, is one of five Canadian university scientists, to be awarded a huge funding grant from the Natural Sciences and Engineering Research Council of Canada (NSERC).

Dr. George Mitchell was awarded \$867,000 by NSERC to fund a research project called, "Oxygen Chemistry in the Universe: Observations from Space." Dr. Mitchell's research involves the earth-orbiting satellite, Odin, which is an international collaboration of Sweden, Canada, France and Finland. Odin is scheduled to launch in 1997, and will be equipped with receivers that can detect submillimeter wave emissions from molecules, such as water and oxygen, that cannot be detected from the surface of the Earth. Dr. Mitchell's job will be to analyse and interpret the data acquired by Odin. ▽

SAFETY NEWS

New Nova Scotia Occupational Health & Safety Act

The Westray disaster of 1992 saw the beginning of intense public scrutiny of the effectiveness of the government's workplace health and safety legislation and its administration. In 1995, following three years of discussion, a draft Occupational Health and Safety (OH&S) Act was introduced as Bill 13 in the legislature. The government then called for a final round of consultation and public input. In the spring 1996, the Bill was reintroduced and was passed into law on May 17, 1996. The first elements of this new Act, which is actually the main part of the legislation, comes into effect on January 1, 1997. Other provisions come into effect at later dates. The new Act, as well as the old one, is based on the Internal Responsibility System.

The new Act defines this internal responsibility system which includes:

- that all parties employed at a workplace including the employer, employees, self-employed persons or contractors share a responsibility for health and safety;

- that their responsibility extends to the extent of their authority and ability; that the legislation creates a framework for three employee rights:

- the right to participate,
- the right to know,

- and the right to refuse unsafe work;

- that associated with these employee rights are employee duties and responsibilities including the duty to report to a supervisor anything unsafe or unhealthy in the workplace;

- that government establishes and clarifies the responsibilities of the workplace parties, supports them in carrying these out, and intervenes only when the workplace parties fail to carry out their responsibilities.

Highlights of Changes Found in the New OH&S Act

- The right to participate — Where there are more than five employees, the employer, in conjunction with the OH&S committee, must prepare and review annually a written OH&S policy. Where there are more than 20 employees, the employer, in conjunction with the OH&S committee, must prepare and maintain a written OH&S program. The duties and functions of the OH&S committee have been clarified as well as the composition and procedures of operation of this committee. A committee is required at all workplaces with 20 or more employees.

- The right to know — The employer shall provide information to the OH&S Committee on all workplace occupational health and safety inspections, monitoring, and testing. The employer shall consult with the OH&S committee on health and safety matters. Information on the OH&S committee must be posted in the workplace.

- The right to refuse — Employees have the right to refuse to do any act which they believe may endanger themselves or any other person, not just an employee as was specified in the old Act. The process for refusing unsafe work has been clarified and simplified, but the correct channels must be followed. The refusal must first be reported to the supervisor. For further information, contact the office of the Safety Co-ordinator at 420-5658. For a copy of the new OH&S Act, contact the Nova Scotia Department of Labour at 1-800-952-2687.

Smoke Alarms are a Real Life Saver

In recent years many fire fatalities have occurred in homes without smoke detectors, even though in many of these cases they are a requirement under the building or fire codes of Canada. Residences built since 1985 must have wired in alarms but in other residences battery operated smoke alarms can and are frequently used.

Since about half of fatal home fires occur at night, the importance of a smoke alarm in sounding an early warning cannot be stressed enough. A relatively inexpensive household smoke alarm can mean the difference between life and death. In the event of a fire, the early warning given by a smoke alarm will awaken people before they are overcome by smoke giving them time to escape a burning home.

The following are some useful tips for smoke alarms:

- Smoke alarms should be installed on all levels of the home.

- Install a smoke alarm near each bedroom area.

- Install one near the top of the basement stairs.

- If your smoke alarms are battery operated, change each battery in the spring and fall when changing your clocks for daylight saving time. This makes it easy to remember.

- Test your home smoke alarm weekly.

- A flashing light may also be installed along with the audible sound, this is especially good for the hearing impaired or for senior citizens.

- Do not install smoke alarms near air conditioners, windows or air heating units; drafts from these areas may interfere with the operation of the detector.

Remember for Fire Safety, test your alarm.

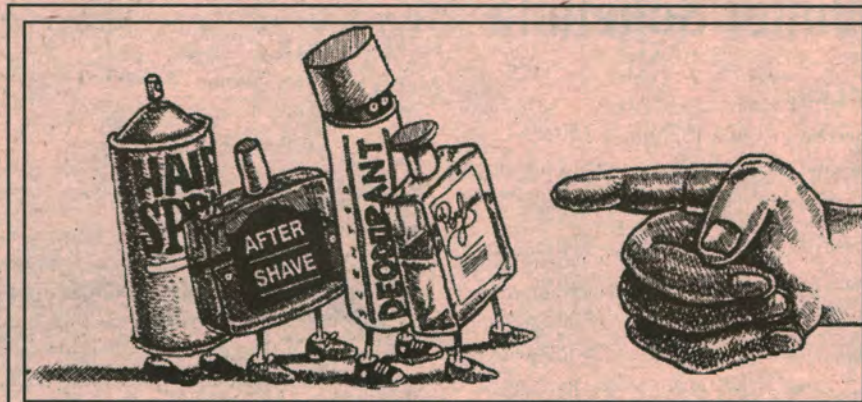
Adapted from "EHS Bulletin", University of Maryland, August, 1996.

Tips for Safe Holiday Cooking

1. Wash your hands thoroughly before and after handling food.

2. To help prevent the spread of bacteria, when cooking with raw meats or fish, wash the counter, cutting boards, utensils, sink and your hands with warm soapy water when finished.

3. Check your refrigerator and freezer temperatures regularly. Food should be



Did You Know...

Scented products contain chemicals which cause serious problems for many people, especially those with asthma, allergies and environmental illness. Many non-scented alternatives are available.

No scents is good sense.

Fire Safety

This fall saw the introduction of the Saint Mary's University Fire Safety program. This program, developed by the Physical Plant under the auspices of the University Occupational Health and Safety Committee, consists of a number of measures aimed at life safety and reducing the potential for fire here at Saint Mary's.

The Fire Safety program included the introduction of the University's fire warden system. Many members of the University community volunteered to become fire wardens. They have been very visible with their bright orange hats during the series of fire drills that were held on campus this fall.

The provincial fire marshal's office has mandated that fire drills occur in every building in each semester. The fire wardens do us all a very important service in ensuring the orderly evacuation of a building when the fire alarm sounds. In the event of a real fire this can mean the difference between life and death. A positive response to a fire alarm by all building occupants makes the duties of the wardens less onerous. Please co-operate by evacuating the building in an orderly manner as quickly as possible.

Training for fire wardens included instruction using two types of fire extinguishers, an A (or water) extinguisher for ordinary combustibles like wood and paper, and an ABC dry chemical extin-

guisher which can be used for ordinary combustibles, flammable liquids or electrical fires. **The wardens were instructed to only fight a fire with an extinguisher if it is a small fire not a big one.** Their primary concern must be notification of the fire department and safe evacuation of the building. It is the University's responsibility to have fire extinguishers in our University buildings but we all need to have fire extinguishers in our homes.

For the holiday season, it is important to have a fire extinguisher in your home which is properly maintained and available for fighting a small fire. The Fire Department recommend a multi-purpose ABC dry chemical type extinguisher which should be located somewhere near the kitchen. You may also want another one for your basement or garage. If you have a fire extinguisher in your home, it is important that you know how to use it and have carefully read the directions when first locating it in your home. Check it occasionally to refresh your memory and to be sure that it is still properly charged. The acronym PASS describes how most fire extinguishers work including the ABC dry chemical type recommended by the Fire department. Remember not all work this way, so always read directions (P) **Pull the pin.** (A) **Aim the nozzle at the base of the fire.** (S) **Squeeze the handle.** (S) **Sweep from side to side at the base of the fire.**

refrigerated at a minimum of 40° F and frozen at 0° F or below.

4. Never thaw meats or poultry at room temperature. Thaw them in the microwave or the refrigerator. If thawing a turkey in the refrigerator, plan on one day per 2.5 kilograms.

5. Do not stuff the turkey the night before. It is recommended that the turkey be stuffed immediately before it is put in the oven.

6. Check the internal temperature of

meat with a meat thermometer to ensure that it has been cooked thoroughly. Lamb and poultry should have an internal temperature of at least 180° F and beef and pork at least 170° F.

7. Do not allow hot foods to sit at room temperature for longer than two hours.

Adapted from "Research Safety, The Ohio State University, 1995.

Huskies' Fall Wrap-up

As the weather turns colder and the leaves are replaced by snowflakes, the fall sports schedule draws to a close with the winter sports quickly taking over.

The Football Huskies will lose fifth year players Dan Bosset, Terry Buchanan, Mark Dalla Riva, Jeff Hutt, Mark Preyma, Ted MacLean and James MacPherson.

Huskies Winter Schedule

Hockey

January 8	ACA @ SMU	7:30 pm
January 11	STU @ SMU	2:00 pm
January 12	UdeM @ SMU	7:00 pm
January 22	SFX @ SMU	7:30 pm
January 29	DAL @ SMU	7:30 pm
February 1	ACA @ SMU	2:00 pm
February 5	DAL @ SMU	7:30 pm
February 8	UPEI @ SMU	2:00 pm
February 19	Playoffs	

Men's Basketball

January 19	UNB @ SMU	4:00 pm
January 24	SFX @ SMU	8:00 pm
January 30	ACA @ SMU	8:00 pm
February 4	DAL @ SMU	8:00 pm
February 8	UPEI @ SMU	8:00 pm
February 18	SFX @ SMU	8:00 pm
March 8	ACA @ SMU	7:00 pm
March 15-17	AUAA's at Metro Centre	
March 22-24	CIAU's at Metro Centre	

Women's Basketball

January 19	UNB @ SMU	2:00 pm
January 24	SFX @ SMU	6:00 pm
January 30	ACA @ SMU	6:00 pm
February 4	DAL @ SMU	6:00 pm
February 8	UPEI @ SMU	6:00 pm
February 14	ACA @ SMU	7:00 pm
February 18	SFX @ SMU	6:00 pm
March 7-9	AUAA's @ UNB	
March 14-16	CIAU's @ Lakehead	

Women's Volleyball

January 18	MtA@SMU	3:00 pm
January 19	UdeM @ SMU	11:00 am
January 22	ACA @ SMU	7:30 pm
January 29	SFX @ SMU	7:00 pm
February 12	DAL @ SMU	7:00 pm
February 15	UPEI @ SMU	7:00 pm
February 16	UPEI @ SMU	1:00 pm
February 22-23	AUAA's @ U de M	

Track and Field

February 16	UdeM Championships
February 28	AUAA Championships
March 1	AUAA Championship
March 7-8	CIAU's @ Windsor

Here's how the fall sports closed out the 1996 season:

- Football - 4-4
- Men's Soccer - 3-5-5
- Women's Soccer - 5-5-3
- Field Hockey

Football Huskies:

Injuries will be the key word associated with this year's Football Huskies. Despite missing four key players for the first three games, the Huskies managed to pull out front with a 3-0 record. Just when injured players were returning to the lineup and efforts were focusing on the Atlantic Universities Athletics Association (AUAA) championship, Mark Dalla Riva, place-kicker and punter suffered a hairline fracture in his right ankle, and Perry Marchese, quarterback was sidelined with a broken collarbone.

Field Hockey Huskies:

The AUAA field hockey championships were held at Huskies Stadium this year. Though the team was not able to make the final round, the team will be in great shape for next year as they will lose only one player, Sabitha Masih.

Three Field Hockey Huskies were named All Stars: Sabitha Masih, Tami Jones and Sarah Bell. The finals saw the University of New Brunswick (UNB) Varsity Red's thump the University of Prince Edward Island 6-0.

Women's Soccer:

The Women's Soccer Huskies finished their season ranked sixth in the conference and ninth nationally. The AUAA play offs began with the Huskies drawing third place against UNB. After the 45 minute battle, the teams remained tied and the

outcome had to be decided by penalty shots (4-3).

The Huskies advanced to the quarter-finals against first place Acadia Axettes. The Huskies may have lost the game (3-2) but they can boast that they were the only team to score on the Axettes this year.

They will lose five starters next year: Terynn Boulton, Signa Butler, Heather Richards, Tara Timms, and Ruth Wilkins.

Men's Soccer:

The eighth place finish was not a true indicator of the way this team played. There were the usual bumps along the way but, the Soccer Huskies showed their resilience with their strong season finish.

This year's roster had 12 first year players. With the Huskies potentially losing only one player next year and gaining the return of three experienced players, the future looks very bright for this team. ▽

1996 Sport Hall of Fame



This year's induction honored Father Michael O'Donnell, S.J., Robert Lahey and the 1973 Saint Mary's Basketball Huskies team.

The emotional ceremony was a combination of reuniting old friends and remembering those who were honored posthumously.

Eleven of the thirteen members of the

1973 Basketball Huskies were able to attend the ceremony after an afternoon of birdies, bogies and many wild swings. Shown below are (Front: left to right) John Gallinaugh, Greig Redding, Brian Burgess, Fred Perry, Peter McAllister (Back: left to right) Terry O'Neill, Mickey Fox, Peter Halpin, Lee Thomas, John Gallinaugh and John Landry. ▽

Big Daddy Remembered as Leader of 1973 Football Huskies

Dave White, a defensive tackle and captain of the 1973 Saint Mary's National championship football Huskies, died on October 4, 1996.

"Big Daddy" as White was known during his playing days, was one of the leaders in the Huskies battle to secure the National championship in 1973. Not the standard body type of a defensive tackle, White made up for any physical deviations with fast feet and a big heart.

Players from the 1973 team attributed White's quick hands and feet for the 1973 title with a recovery on the 30 yard line during the last 30 second of the game.

White is survived by his wife Ann (Codner) and three daughters, Kathleen, Robin and Susan. White graduated with a Bachelor of Arts honors in English in 1974, and a Bachelor of Education in 1975 from Saint Mary's University. ▽

Alumni Soccer Game

It was a clear, crisp, early morning which saw varsity soccer alumni gather on the turf at Saint Mary's. After the shouts and jeers of "This sweater must have shrunk" to "How did we do those stretches?" play got underway and the fans witnessed 45 minutes of, sometimes, brilliant action.

Those who made the outing were: Front: left to right: Petrella, Angelo Ciangfoglione, Dimitri Iatrou, Steve Hart, Mark Butler, Middle: left to right: Rod Hutchings, Roberto Sani, John Devereaux, Bobby Thompson, Peter Wicha, Bill Perry, Jim Sidey, and Back: left to right: Labi Kousoulis, Martin Shannon, Darrel Jessom, Kevin Downie, Steve Connolly, George Iatrou, Todd Field, Stewart Galloway, Camaron Brown, Costa Elles. ▽



Dr. Therese Arseneau, Political Science Department, CBC Radio, Maritime Noon, New Zealand's election: could it work in Canada?

Dr. Owen Carrigan, History Department, participated in a panel discussion on MITV's Maritimes Today, regarding the proposed amendments to the criminal code, on October 2, 1996.

Dr. Patrick Crowley, Economics Department, talked about the combined GST, now called the BST on October 20, and 23 on CBC Radio.

Dr. Edna Keeble, Political Science Department, spoke with ATV about the impending changes in the armed services and that the changes would start at the top, on October 4, 1996.

David Lane, Technician, Astronomy and Physics Department, spoke with numerous media before and during the eclipse on September 26, 1996. Also Lane spoke to MITV's Maritimes Today on the topic of UFOs, on November 8, 1996.

Dr. Leonard Preyra, Political Science Department, spoke with CBC TV about the resignation of General Boyle, October 8, 1996. ▽

MAKING THE NEWS