

# The TIMES



Bachelor of Education Students

## Saying goodbye to BEd

## Class of '95



INSIDE



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A new book from Dr. Chris McCormick examines how the media delivers information.

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Read the history behind how the fur trade helped to shape Canada.

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Participate for free in "Sport a day," at the Tower.

## Balanced Budget

Once again, Saint Mary's has worked hard to balance its budget for this fiscal year. At the end of the 1994-95 year, draft financial statements indicated a small surplus of about \$125,000 in the operating fund. This extends the University's record of consistently avoiding operating deficits. The University projects no operating debt for the 1995-96 year.

However, with the challenges facing all universities, Saint Mary's in particular, the 1995-96 budget year means less government money. The proposed provincial operating grant for this year of \$17,850,000 represents a decrease of 9.1 per cent, or about \$1,800,000, over the last several years. While this year's budget is manageable, the reality for universities is that over the next couple of years even more money is expected to be cut from the government operating grant.

Government funding is projected at 47.8 per cent of the operating revenue for this year. "This is considerably lower than the provincial, regional and national averages for publicly supported universities and that

makes the government a minority shareholder in Saint Mary's," says Dr. Kenneth Ozmon, President, Saint Mary's.

"The University also faces a major capital problem in funding the repairs to our residences," says Guy Noël, Vice-President, Administration. Additional expenditures of \$5,000,000 to \$7,500,000 are anticipated to finish the repairs.

The University cannot count on government assistance in the form of grants, and until the proposed funding formula for universities is changed, Saint Mary's will continue to work within an inadequate funding formula, striving to maintain the high quality of services for students and faculty.

### Budget for 1995-96:

The University projects a balanced budget for the 1995-96 year, with a decrease in expenditure of \$685,000 from last year. The estimated budget for this year is \$37,844,000. The University has to contend with a substantial reduction in government funding, a potential decline in enrolment,

and upward pressure on wage costs allowed under the second year provisions of the government's legislated wage restraint program.

### Highlights:

- Additional funding for the Faculty of Science will address the increased cost of supplies and additional student assistants.
- New computer equipment will total more than \$660,000. "The University is dedicated to improving and upgrading computer resources," says Noël. This includes upgrading the campus network, an existing microcomputer lab and replacement of mainframe computer systems.
- "Developing the appropriate short and long term plans to meet the fiscal challenges will require the involvement and commitment of all sectors of our University," says Dr. Ozmon.

## MBA program redesigned

Starting this September, Saint Mary's Master's of Business Administration (MBA) students will find the program more challenging, intense, practical and integrated.

Instead of the traditional first week spent in the classroom, it will now consist of workshops and business seminars. The first week will be devoted to presentation skills, team building techniques and technology. First term courses will be completed over 10 weeks (instead of 12). They will be divided into five week modules, separated by a week devoted to business simulations.

"Previously, there was not enough integration. A student would take five courses, each taught by someone in a differ-

ent department and there was no cross-over. Also, we found that when students were making presentations there were some skills missing. Before they learned these techniques on their own, now we are going to teach them these skills during the first week of the program," says Dr. Russel Summers, Director, MBA program. With the MBA program 21 years-old, a redesign was necessary, he says, and this is only the beginning.

"It's a radical change and the purpose is to better integrate our teaching of the business disciplines and to introduce students to the practical side of business," says Dr. Scott Carson, Dean of Commerce.

Second term, is a lot like the first, with two five week modules of classes and a one week business simulation break. The final week of term will be devoted to a week long

case competition, which will enable students to put into practice what they have learned.

The case competition teams consist of about five students. Each team will be given the same business case, which can run from eight to 20 pages of information. The test is

**"It's a radical change and the purpose is to better integrate our teaching of the business disciplines and to introduce students to the practical side of business,"**

geared over a set period of time and teams will analyse each case and come up with recommendations. In the end, each team will make a presentation to a panel of judges, consisting of faculty members and business people. This process will last at least three days, and could take as long as one week, as teams dwindle from eight to four and finally two.

"Many of these changes are going to re-

quire that the faculty actively make a contribution. In the case competition, business simulations and workshops, the faculty do have to be involved," says Dr. Summers. The plan is to have faculty members actively participating as panel judges for the case competitions, chairing business simulations and organizing workshops.

The MBA program is still two years of course work, but for some students the degree can be completed in one year, depending on their educational background and work experience.

This is the first phase of the program's redesign and the second phase plans to examine each course, with the intention of rewriting course material.

## Message from Dr. Kenneth Ozmon, President, Saint Mary's

*Note: These are Dr. Ozmon's words as he addressed senior administrators about the recent developments in the partnerships model.*

Over the last several months, the Board Chairs and one other representative from each of the metro universities have held a series of meetings. In mid-May, the Presidents also participated in the meeting and Guy Noël, Vice-President, Administration, attended the most recent meeting which took place on May 23, 1995. I am pleased to tell you that we have had good discussions about universities in the province.

The upshot of the discussions was that the universities decided, along with the chairs and the presidents, to pursue a seven partners model. This will be a model aimed at seeing how we can co-ordinate our activities along the lines of the four partners while preserving the individual autonomy and the boards of governors of each institution. We will be working on this to see how we can provide this.

We wish to indicate to the government that metro universities are prepared to work on their share of the savings, but that we are not inclined to attempt to find all of the savings in metro.

We will try to devolve the discussions to all levels, so we involve the people most directly affected in the delivery of the programs, whether academic or administrative, in the discussions. We will also attempt to work out an arrangement that will save money and produce better efficiencies with a more effective organization and a more co-operative one.

Lastly, we aim to improve the growing principle behind the delivery of services for customer and client satisfaction. The customer is broadly understood to be not only students but also people within the universities and other clients outside the universities, such as government and the general public.

It would appear at this point that the consolidation and federation models are not being pursued or will not be pursued as they have in the past, and that the universities in metro will be trying to work much more closely together along the lines proposed by the Atlantic School of Theology, the Nova Scotia College of Art and Design, Mount Saint Vincent University and ourselves.

I think it is good news. We will see over the next few weeks. We hope to have in place some sort of a plan by the end of June; not necessarily a fully flushed out financial plan, but at least some sort of a plan.

Thanks for all your help. It's been very gratifying to have the support of the university community as we have gone through this first stage. Thanks again.

## A link across the Pacific

*A letter from a Saint Mary's alumna who has made a difference*

Hi my name is Yoko Kadama and I teach English to grade eight students, about 222 people, at my school called Hondori Junior High School, in Hokkaido, Japan.

My junior high school is the biggest in Hokkaido, with over 1,110 students and 50 teachers. I am in charge of an English conversation club and I coach tennis after school for my school team.

I wanted my students to feel that knowing about other countries was wonderful, so I suggested to my students to exchange letters with other schools. They were very interested in it. I asked a teacher, Carol Hiltz, who teaches grade five, and who works at Hawthorn School in Dartmouth, to have her students exchange letter with mine. She was my host mother when I went to Saint Mary's University. I got to know her family through the Host Family Association at Saint Mary's.



With her class in Hokkaido, Japan is Yoko Kadama, a grade eight teacher, whose students write to a grade five class in Dartmouth, Nova Scotia.

I think this is a great system for exchange students. I also visited the school to introduce Japanese culture to the students before.

She was glad to have us as their pen pals. This is why we are exchanging letter to each other now. It seemed that my Saint Mary's exchange program had been finished when I

came back to Japan, but it wasn't over yet. I got something wonderful out of it, such as friendship and a new view on life. I am still learning new things about Halifax and I'm very glad to have had the experience to visit the city and to touch another culture. ♡

## Veteran RCMP officer is new Manager of University Security

The change from pounding the beat as a law enforcement officer, to handling security for a university campus might seem like a big switch for some people, but not for Saint Mary's new Manager of University Security.

Bill Promaine is used to setting up security systems. In fact there was a time when security measures took up all of his time.

Promaine was an RCMP officer for 18 years. The highlight of his career came when he worked alongside seven other officers, who were assigned to analyse and identify specific serious threats posed to athletes and visitors at the Montreal Olympics in 1976. "By the end we were exhausted and we weren't finished until the last one (athlete) left," he says. The 1976 Olympics was the first big sports event after the 1972 Munich Olympics which was overshadowed by terrorist violence and killings. Security in Montreal had to be extra tight and with only eight officers dealing with serious national and international threats, it was one of Promaine's most challenging tasks.

While posted to Halifax, he did his first year of university with Saint Mary's, and he claims that's what got him hooked on economics. His interest encouraged him to further his studies and he went on to graduate from Carleton University, in Ottawa with a degree in economics.

Born in Ontario, it was in Toronto where he joined the RCMP and was sent to

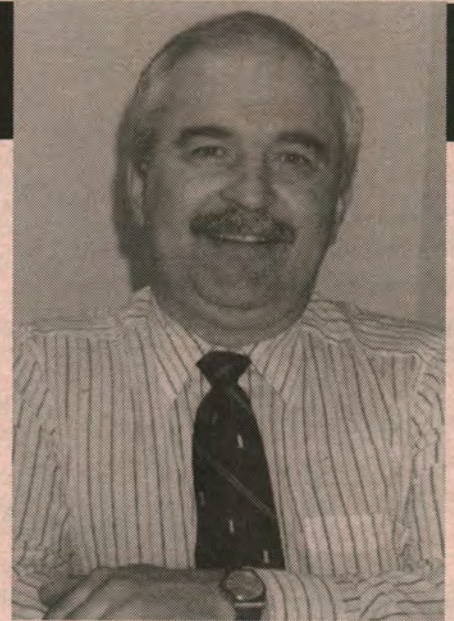
Regina, Saskatchewan, for training. Working for the RCMP, Promaine was posted to Cape Breton where he met his wife, who worked at the Sydney court house. His next posting was Halifax and then back to Ontario.

After almost five years in Ontario, both he and his wife were anxious to return to the Maritimes. "We decided it was time to come back," he says, so in 1978 he was posted to Halifax again. In 1984 when the Canadian Security Intelligence Service was being setup, Promaine was asked to come on board to help establish the agency. It was supposed to be a two year commitment, but he ended up stay-

"We decided it was time to come back,"

ing there for nine years. In 1993, he started a new job with Industry Canada. It was while working at Industry Canada that he saw the Saint Mary's job posting in the paper for a new Manager of University security.

"I knew that I could add to the value of security. In a lot of ways Saint Mary's is a town within a city and it has its own special needs," he says. Promaine knew that his knowledge of law and enforcement would benefit the University. All of his skills will be drawn upon with visitors for the G-7



summit staying on campus.

One of the most interesting aspects of Promaine's new job is working with students. When he first arrived on campus in March, he immediately noticed the level of enthusiasm the students have for the University. "This has been very encouraging for me. They genuinely show interest in security work and we provide them with the training and assistance, which provides them with interpersonal and lifestyle skills," he says.

With two daughters of his own, Promaine is well aware of how important it is for young people to develop their own skills. He is looking forward to the new academic year when he can draw upon more students for University security. ♡

# AROUND Campus



**Retiring faculty**  
Saint Mary's eight faculty members were honored with a retiring reception and dinner. Members received a Saint Mary's rocking chair. Pictured here, from left to right: Father William Lonc, Astronomy and Physics Department, Professor Edward McBride, Political Science Department, Dr. Donald Weeren, Faculty of Education and Dr. John C. O'C Young, Chemistry Department.



## Fishing trip

After 26 years with Saint Mary's, Peter Weal, Manger, Print Shop, retired this May. Pictured here ready to go fishing is to his left, Dr. John C. O'C Young, Chemistry Department and to his right, Greg Ferguson, Director, Admissions. Weal has been an avid fly fisherman for many years and through his environmental efforts to save Little Salmon River he received the 1992 Commemorative Medal in celebration of Canada's 125th Anniversary of Confederation.



## Saint Mary's alumni part of the G-7 team

The number of Saint Mary's alumni involved with the G-7 is amazing. From Office Manager to Co-ordinators, many are involved in the day to day workings of gearing up the G-7 Summit for June. Back (left to right): Randy Tallon, Halifax Site Office Manager (BA'73); Wendell Sanford, Co-ordinator, Sponsorships (BA'68, BEd'70); Al Reardon, Facilities Access Co-ordinator (BA'71) and Major Jim Baglole, Manger, Transportation (BA'69); front (left to right): Elizabeth Mills, Co-ordinator, Promotions, Provincial Secretariat (BA'76); Patricia Smith, Director General, Programming (BA'74), Sanjeev Chowdhury, Liaison and Co-ordination Officer (BComm '89) and Jerry Staples, Assistant Manager, Logistics (arrivals/departures) (BA'83).



## Retirement dinner

Professor Edward McBride, Political Science Department received more mementoes of the University he thought possible during his retirement dinner. He is pictured here with his wife, Prof. Mary-Ann McBride, who taught part-time in the History Department.



## Canada Scholars

This year 11 Saint Mary's students received Canada Scholarships worth \$2,500 per year, for up to four years of study. Back (left to right): Laurie MacPherson, Naomi White, Graeme Day, received the Merck Frost Corporate award, Ryan White, Dr. David Richardson, Dean of Science, Jonathan Smith, front (left to right): Julie Parsons, Ian Lavoie, Nicole McLearn, Quoc Trung Tran Quach, Geoff Lewis, Trade Commissioner, Industry Canada, Alyson Bailley and Christopher Trevors.



## 11th annual Sneaker Day

Organized by the Wellness Committee, the 11th annual barbecue and walk took place on May 26, 1995 at the Saint Mary's track. Over 245 people participated. The "Golden Sneaker," award went to University Advancements, which includes the departments of Alumni, Annual Fund, Capital Campaign, Conference Office, Development and Public Affairs. They won with 88 per cent participation. Numerous prizes were awarded, including a free parking pass for the year, travel cut coupons, mugs, and T-shirts. The grand prize of a free "wellness day" off with pay went to Fred Duncan, Stores Department and a free parking pass went to Sandra Mumford, Business Department.



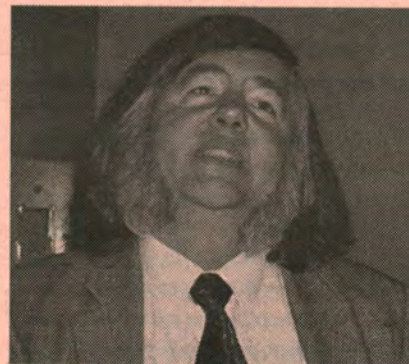
## Donation to the Atlantic Centre of Support for Disabled Students

On April 28, 1995 Darryl Wiseman, Senior Sales Manager for Xerox Canada Limited, Halifax gave the second installment of \$10,000 to David Leitch, Director, Atlantic Centre of Support for Disabled Students. The total to be awarded is \$30,000.



## Indonesian professors on campus

Twelve Indonesian Science professors spent about two weeks at Saint Mary's touring the facilities, attending seminars and learning how Science is taught at the University.



## Student Chemistry Conference

As part of this year's 1995 Student Atlantic Chemistry Conference a number of guest speakers from across the province gave seminars. Professor Ken Seddon, from the Queen's University of Belfast, Ireland gave a presentation on crystal morphology to over 75 students.

# Critiquing the Media

by Renee Field

The media is reactionary, judgmental, relies too much on the police and does not understand the workings of the criminal justice system, writes Dr. Chris McCormick, Sociology Department, in his new book.

*Constructing Danger: the misrepresentation of crime in the news*, was written to get readers thinking and to promote discussion. The book is laid out in a case study style, with easily identifiable examples and with analyses based on extensive media research.

"At one time I would have criticized the media. They certainly contribute to public debate and change. When the media just focus on a single case of violence that is bad, but when it heightens public awareness, that's good," he says.

Topics discussed in the book range from sexual assault and how the media portrays the so called "stranger assaults," to problems with prostitution, child abuse, AIDS, neighborhood crime and the Westray disaster.

One-third of the articles for the Westray case were reported in 1992. "The media initially covered the explosion as a human tragedy story and the coverage was an overwhelming example of "pack journalism," writes Dr. McCormick, in the chapter devoted to the coverage of the Westray disaster. With the trial now underway the public is beginning to hear more technical information but with less coverage.

"The initial avalanche of articles is around tragedy and disaster and then when we get to charges there are hardly any articles," he says.

Over two years, Dr. McCormick read 700 articles pertaining to the mine disaster that killed 26 men in Plymouth, Nova Scotia. He sifted through *The Chronicle Herald/Mail Star*, *The Daily News* and the *Globe and Mail*, seven days a week. With the technology change to CD-ROM, searching for articles has become easier.

Like many researchers Dr. McCormick does not rely on his own interpretations of the media, rather a number of authoritative people are quoted. This adds depth and a broader understanding to the conclusions that are portrayed in the end.

In chapter one, Sharon Fraser, a journalist and broadcaster, introduces the idea that the media is male-oriented and that views that affect women are not presented from a female point-of-view. This chapter takes an in-depth look at sexual assaults and how they are reported by the media. "In general, what makes the news and how it's reported has very little to do with the reality of most women's lives," she says. To conclude the chapter, Dr. McCormick berates the media's role as useless, because they do not reveal enough information that is helpful to women.

In the chapter on Domestic Terrorism, Dr. McCormick writes that the terms used by the media associated with bat-

**CONSTRUCTING DANGER**  
the misrepresentation of crime  
in the news



Chris McCormick

tered women are vague and inappropriate. With more than 78,000 women admitted annually to shelters for battered women, still the media portrays these incidents as unusual and bizarre.

The temptation to read the ending is overwhelming, but by reading the book in its entirety the conclusions the writer makes are put into context. When he writes about moralism, independence, interpretation, fragmentation, sensationalism and context, his arguments are justified based on his extensive research.

The book took Dr. McCormick one year to write and five years to research. On May 25, 1995 it was officially launched at the Red Herring Book store on Argyle Street, selling for \$19.95. □

## Saint Mary's students on the job at G-7

by Virginia Jackson

Sixteen Saint Mary's students will have impressive work terms to include on their resumes this summer. These Master of Business Administration (MBA) students were selected to serve internships with a number of government departments which have G-7 responsibilities.

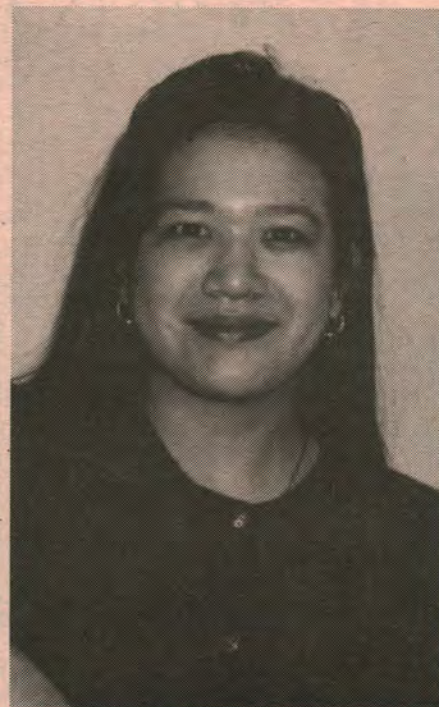
"There are an unbelievable number of tasks that need to be completed by June," says Dr. Julia Sagebien, Marketing Department, who initiated contact with the Board of Trade and government officials to investigate the possibility of her students becoming involved.

Dr. Sagebien kept key words in mind when selecting candidates for the G-7 experience: flexible, committed, and initiative. "These students needed to have special event and promotion training prior to being placed, and have a certain level of people skills to deal with the various levels of government and private citizens during an event as large as the G-7," she says. What excited Dr. Sagebien was that these students would be involved in something very real and that they would have the opportunity to work on an international event.

Examples of the internships include Tourism Halifax, where students work on the Open House, bed bank, industry communication and superhost training projects; the Atlantic Canada's Opportunities Agency, where students help to facilitate communications within the various communities involved; and the Secretariat to the Premier, where students work in promotions and other special events.

One of the selected students, Mary Cheng Fen Tou, was quick to sign up for Dr. Sagebien's course, open to MBA students who were willing to "volunteer" time to work on an internship up to and including the G-7 meetings in Halifax. Whether the course was for credit or not, Tou did not want to miss out on this innovative opportunity.

"Dr. Sagebien told us up front that the course may not be for credit and that only students who were interested in volunteering their time should apply," she says. Tou



Mary Cheng Fen Tou

found out later that the internship would be accepted as a credit course, "But I have learned so much already that the credit aspect is just a bonus. I wouldn't have missed this opportunity," she says.

Tou chose the Secretariat to the Premier Department where media relations are the focus of attention. She felt that entering the internship as a student was somewhat daunting, but she now sees how the theories she learned over the years work in varying degrees. "It doesn't always work out the way you expect or the way it should. I have always felt that if you worked hard at your job that you would be able to succeed, but I've had my eyes opened to how things really work in the world of business — there always seems to be politics and procedures to be followed," she says. Nevertheless, she has recommended the course to many of her fellow MBAs and feels that she is better prepared to enter the workforce.

"I really looked forward to working at the internship. It was a breath of fresh air from the classroom. You could see how things really worked and how you must be flexible and adapt in the business world," says Tou.

The experience these MBAs will gather during their internships will inevitably assist them with their full-time careers and like the co-op program it is another example of Saint Mary's attempting to prepare its students for the workforce. □

## Tuition fee changes

Tuition fees at Nova Scotia universities will increase between six and 10 per cent this year. Saint Mary's tuition will increase by 8.5 per cent, or \$49 per course for undergraduates for the 1995-96 academic year.

The University moved to a per course fee structure a couple of years ago, in response to the changing needs of an urban university. With more students attending part-time or over longer periods of time, both of which allows them to work, the per course fee is a more equitable system.

Tuition at Saint Mary's for the coming year will once again be in the middle range, neither the highest or the lowest.

Tuition at Nova Scotia universities is

among the highest in Canada. There is no fee increase to students taking the Executive Master of Business Administration Program. Fees did increase for summer session courses this year by 8.3 per cent per course. The University expects a two per cent decrease in enrolment figures for this year.

The fees for international students will be adjusted. There will now be a \$200 per course increase for new international students, but this will not apply to international students currently enrolled at Saint Mary's or those on formally approved exchange programs. This fee increase will help to fund the new International Student Advisor position, and bursary and scholarships for

international students.

Previously, international students paid \$1,700 for three or more full-time courses as a differential fee, which the government collects from universities. Effective this September, this fee will be paid on a per course basis, instead of one lump sum. Students taking three or four courses next year, will pay less than in previous years.

Residence and meal plan fees for the next year have been frozen at last year's rates.

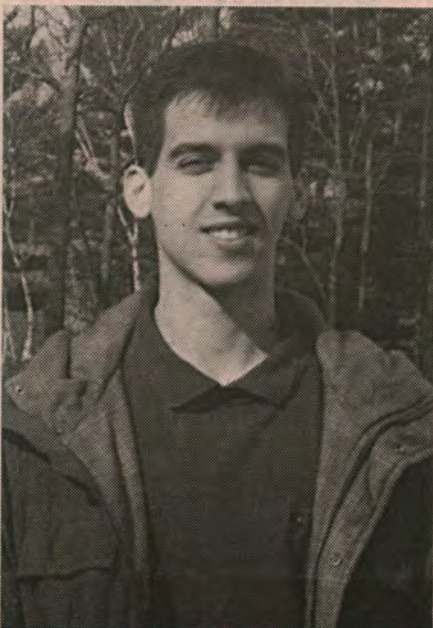
# Student NSERC winners

by Sherry Ross

Four Saint Mary's Science students were awarded Postgraduate Scholarships to enable them to continue their studies. The scholarships were awarded by the Natural Sciences and Engineering Research Council of Canada (NSERC) to Andrew Vaughan, Jason Jollimore, Mary-Anne MacDonald and Lise Arseneau.

Andrew Vaughan, 21, received a Postgraduate Scholarship (PGS) II worth \$32,000 for a two-year period. He can attend any university in the world and is deciding between the University of British Columbia or the University of California, San Diego to study Organic Chemistry. This summer he will be working in Medicine Hat, Alberta as a Research Assistant for Natural Resources of Canada.

It was in the middle of March, when 21-year-old Jason Jollimore found out about



Jason Jollimore

his NSERC award, PGS I, \$31,200 for a two-year period. Jason has been accepted at Dalhousie's Medical School, and will unfortunately not be able to use his award. Jason chose to complete an extra year at Saint Mary's after graduating last year to better prepare himself for his postgraduate studies towards an MD and PhD. This year he graduated with combined honors in Biology and Chemistry. He attended Saint Mary's, "Because of the opportunity to participate in research, you rarely get that chance at a larger university."

Dalhousie, University of Toronto or Western University? Mary-Anne

MacDonald's main decision right now is choosing which university to attend with her NSERC PGS I award of \$15,600 for two years. Mary-Anne, 22, is happy about her decision to attend Saint Mary's. "I like the small university. We had a lot more contact



Mary-Anne MacDonald

with the professors, especially with Dr. Michael Zaworotko in Chemistry," she says. Mary-Anne graduated with honors in Chemistry and her field of study is Inorganic Chemistry. She had been accepted to a prestigious French lab, in France, but had to refuse because she was not awarded a traveling scholarship.

Being awarded an NSERC scholarship is not new to 21-year-old Lise Arseneau. While attending Saint Mary's, she received three summer NSERC grants, and upon graduating a PGS I worth \$15,600 for two years. Lise was also nominated for NSERC '67, but these grants were discontinued with the funding cuts. "I find the department here really good and I know all my professors, because it is a small department. They've done a lot for me, Dr. Art Finbow, Math and Computer Science, really goes out of his way for the students," she says. At Spring Convocation she graduated with an honors in Math and Computer Science and plans to do a Master's in Math at Waterloo, Ontario. This summer she will be continuing her studies in Math while working with Dr. Jason Brown, Math Department, Dalhousie University. Her long term goal is to get her PhD. ☐



## Trees get a helping hand

Pictured after planting the Goldenchain Tree is Carmen Cranley, Technician, Biology Department, Dr. David Richardson, Dean of Science and Marnie Levy, Research Assistant, Biology Department.



## The Lure of Gambling

by Renee Field

People don't often think of gambling as being part of society, but games with high stakes have been a part of human culture since humans started interacting with one another.

Dr. Harold McGee, Anthropology Department, is interested in how games evolved, in particular gambling. For the past 25 years he has studied games and play activities with the First Nations people in Canada, namely the Mi'kmaq, games in the American Southwest and gambling in Australia. At the end of April, Dr. McGee left for Hakodate for two months to study Japanese gambling practices, and a game called Pachinko.

Pachinko is Japan's national pastime and began around the 1930's. Official revenues of about 17 trillion yen (about \$154 billion dollars) were generated three years ago. That figure is a low estimate and some claim that amount to be twice as high. Pachinko generates as much profit as the Japanese auto industry. Pachinko is "Japanese pinball," and every morning in Japan men and occasionally women, line-up outside their favorite parlor. In one day a person could earn the equivalent of an entire day's salary.

"Pachinko is quasi-legal," says Dr. McGee. Today the face of pachinko is changing as the more popular western version of gambling, lottery machines, make their way to Japan. A part of the profits in the gambling industry in Japan are taxed.

Dr. McGee hopes to compare Japanese gambling with what will soon be available in

Halifax, once the casino's open. "I am wondering if it does generate revenues for the city and how the Japanese deal with addiction and regulations," he says. Most of the people Dr. McGee will be talking to are civic officials in tourism, revenue and government services. He is hoping to talk to pachinko owners to find out how often they change machines and how they deal with competition.

Through his studies, Dr. McGee has seen the shift from social interactive games to more solitaire games. The change has happened with the advent of computer games. "There has been a universal shift to computer games which aren't social and deal with inanimate kinds of opponents," he says. The theory of games is that everyone starts out being equal and then inequality sets in with a winner and loser. But with video games set at different levels, there is no sense of equality for each player. Traditionally games have helped people develop social skills, but the trend to computer games has eliminated that very important function of why games exist in society.

Dr. McGee is going to Japan as a visiting professor as part of the exchange relationship Saint Mary's has worked out with its sister university, Hakodate University. When he comes back, in August, he plans to write a report on his gambling studies for the Asian Studies Committee at Saint Mary's and make copies available for the City and the Province. ☐

Science students participated for the third year in Saint Mary's tree planting program which aims to brighten up the campus grounds with green foliage.

This year no new trees were added to the grounds, but five trees had to be replaced due to vandalism and harsh winter weather. The lack of snow coverage made the trees and stakes an easy target.

Saint Mary's is now home to about 60 new trees which includes about 40 different species. The trees that were replaced this year were a hackberry, white beam, katsura, laburnum and hedge maple. The flowering cherries and flowering crab apples on the back slope of the football field which were planted last year are now flowering and by early Summer will a wonderful sight.

Dr. David Richardson, Dean of Science and a member of the tree planting program, was disappointed that not all the trees planted in the last two years have survived. He is hopeful that students will realize how trees can enhance the beauty of the environment and that they will stop to enjoy them without being tempted to do damage.

The trees were purchased from Springvale Nurseries in Berwick, Nova Scotia, in collaboration with Tree Canada. ☐

# Convocation 1995



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1. After 38 years, Saint Mary's Faculty of Education graduated the last group of Bachelor of Education and Master of Education students at Spring Convocation. Thirty, out of 57 graduates turned out for the last group photo.

2. The last group of Saint Mary's Bachelor of Education students to attend the Nova Scotia Teacher's College in Truro did not want the day to be over. From left to right: Barbara Elliott Leck, Katherine Dickson-Cameron, Maria McMillan and Carol Hines.

3. Wing Tung Weldon Kong, a Bachelor of Commerce graduate (magna cum laude), presented his mother with flowers after convocation. He is pictured here with both his parents.

4. At Spring Convocation a number of students received university medals, scholarships and awards. From left to right: Peter DeBay, Bachelor of Arts (summa cum laude) received the Arts University medal; Ifeanyichukwu S. J. Nwachukwu, a Master of Arts (International Development Studies) received the University's Faculty Medal; Lise Arseneau, honors, Bachelor of Science, first class, received the Science University medal; Kelly-Ann Collier, Diploma in Engineering graduate, received the Engineering University medal; Andrew Vaughan, honors, Bachelor of Science, first class, received the Governor General's Silver Medal and Dr. Colin Dodds, Vice-President, Academic and Research.



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10. Saint Mary's football star Dwayne Provo gets a high-five from his fellow Bachelor of Education students. Left to right: David Pendergast, Craig Smillie, Dwayne Provo and Ted MacLean.

11. Diane Lenihan-Lamb, Bachelor of Arts graduate was this year's hooding candidate for the afternoon session of Spring Convocation.

12. Following in his father's footsteps is Andrew Vaughan, who received the Governor General's Silver Medal award. He is pictured here with his father, Dr. Keith Vaughan, Chemistry Department.

13. Pictured with his family is Graeme Harvey, Bachelor of Commerce student with his wife Tracy and son.

14. The C.P. Allen High School band performed for Spring Convocation.

15. Left to right: David G. Falkner, Executive Master of Business Administration received the University's Faculty Medal; S. Maureen Woodhouse, Master of Business Administration received the Governor General's Gold Medal; Dr. Colin Dodds, Vice-President, Academic and Research; Thomas Riley, Bachelor of Commerce, received the Commerce University Medal.

# Award Winning Students

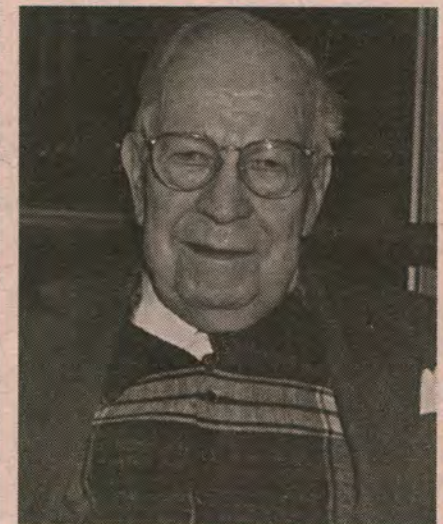
Bonnie Lacey, English and Modern Languages (French) honors graduate was awarded \$11,200 from Carleton University to pursue her Master's of Arts in Comparative Literature.

Daren Miller, Bachelor of Commerce (summa cum laude) graduate received the British Council (Chevening) Scholarship and plans to attend Cambridge this October, to pursue a Master's in Philosophy in Economics and then a PhD.

Yetta Withrow, honors Political Science, first class, received two entrance scholarships for her Master's of Arts in Canadian Politics to the University of Calgary and Wilfred Laurier University.

Troy Zinck, English honors graduate has been offered \$13,000 by Dalhousie and \$11,000 by the University of Ottawa to pursue a Master's of Arts in English. He plans to attend Dalhousie University.

## The life of Saint Mary's oldest graduate



Sam Murdock is Saint Mary's oldest graduate.

by Renee Field

In 1978, when Sam Murdock decided he wanted to attend Saint Mary's full-time, he had no idea that one professor's way of teaching would enamor him to politics.

Murdock, 88, is quick to point out that thanks to Professor Edward McBride, Political Science Department, he went on to receive his Bachelor of Arts, major in political science.

"He was so interested in everything and interested in knowing that the students understood. I took all the courses he could give me," says Murdock, who was 85, and Saint Mary's oldest graduate when he received his degree in 1992.

In May, Prof. McBride retired from the University and a reception was held in the Faculty Lounge to honor his achievements. Murdock was on hand to say a final goodbye to a good friend and a great teacher.

Born in Prince Edward Island, Murdock spent over half his life in the United States, and

Continued on page 8



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5

5. Kyle MacQuarrie, a Bachelor of Science graduate was joined by his sister, Krista and his brother Calum after receiving his degree.

6. Adding the final touch is Susan Cannon, Library Clerk, Access Services, Patrick Power Library, as she pins Hayden Thomas, a Bachelor of Arts student majoring in International Development Studies and Political Science. Thomas is planning to go to England for his Law degree.

7. Roderick Redden, Bachelor of Arts student majoring in History decided convocation warranted wearing the MacKenzie tartan. To his right is Peter Gwokto, a Master of Arts (IDS) student, who is planning to do his PhD next.

8. Anxious to receive his degree is Donald Jackson, a Bachelor of Arts student.

9. Mariah Mughal a Bachelor of Science student waits before receiving her carnation with her friend, Iman Badawi, BSc (magna cum laude).



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16. Brodie Ferrier, BSc and Bachelor of Education student received the Education University Medal.

17. Joseph Martins holds his granddaughter, Emily Anne, as he waits to see his daughter, Sandra Martins, graduate with her Bachelor of Science degree.

18. Getting her Master of Business Administration is Cathy Lewis (nee Reid), Researcher, Institutional Research and Analysis.



18

# Saint Mary's Students Aim High

For the 1,300 students who graduated at Spring Convocation, many are saying a final goodbye to the University after more than three years spent studying, attending courses, making friends and learning.

While some students plan to continue their studies with Saint Mary's, many are looking forward to new experiences and adventures. Thanks to their years of studies at the University many graduates received awards and bursaries that will allow them to further their education. For the ones that did not receive additional funding, they are eagerly waiting to hear where they have been accepted.

Kathryn Parlee, 24, a Science graduate in Co-operative Education (cum laude), is anxiously waiting to hear if she was accepted to a Master's program in

Australia. She is the first student to graduate with a dual major in Geology and Geography along with the Co-op option.

All of her work terms have been at the Bedford Institute of Oceanography in Dartmouth, Nova Scotia. Her main

*"I've always been interested in the environment and protecting the coast..."*

interest is in environmental marine geology and that's why she applied to Australia. With the cost of tuition between \$10,000 and \$14,000, she is hoping to receive a university entrance scholarship.

"I've always been interested in the environment and protecting the coast. The co-op program has been really good for me. My first work term was in ma-

rine work and the last one was in coastal," she says.

Like many students, when Kathryn started at the University she wasn't sure about what courses to take or what to major in. For the first two years she concentrated on Physics and Astronomy, but in her third year she decided to switch to a more environmental field. She started the co-op program in her fourth year, but has been extremely lucky in being able to find work.

In her first year at Saint Mary's, Kathryn discovered that she had Hodgkin's disease, which is cancer of the lymph nodes. She was forced to drop her five credit load down to three, because of her treatments in chemotherapy and radiation. With an 80 per cent sur-



Kathryn Parlee, can't wait to further her studies in Australia.

vival rate if discovered early,

Kathryn was determined to complete her first year. "Most people I didn't tell, but because I had to be hospitalized I missed some exams. All of my professors were very understanding," she says. While she was fighting the disease she went to visit her sister who was in Australia.

Her love of Australia has never faded, nor her determination to go back. For the past five years the disease has been in remission and after six years at the University, her dream is one step closer to reality. ☺

## Oldest Graduate

continued from page 7

most of that time he worked in the hotel business. His first job was with the Cornwallis Inn in Kentville, Nova Scotia. That was enough to get him hooked. Realizing there was no room for promotion within Canada, he moved to Boston, in 1927, where he worked for a hotel company until the big crash, two years later.

When the depression hit the US, hotels were hit particularly hard and many went bankrupt. In 1932, Murdock, then aged 26 and Assistant to the President of the Hotel was out of a job. With the unemployment rate at 25 per cent during the 1930's, Murdock was lucky to have a place to live "The President said you can still live in one of the hotels, but no longer take meals in the dining room, because I have to give your job to my brother," says Murdock.

Within a week of going to the employment agency he was sent to Salem, Massachusetts. Over 132 people applied for the accountancy job with the Ameri-

can Hotel Corporation and Murdock was the lucky one. After about two years with the corporation he was promoted to Traveling Auditor and from there he went on to become Operations Analyst. After five years on the road, he became Controller of a hotel in Cleveland, Ohio and from there Manager of a hotel in Portland, Oregon.

At the same time he received the promotion to manager his wife, Clara Stewart, gave birth to twin girls. When the twins were a year old, World War II broke out. Murdock joined the Navy, but became Chief Petty Officer, which was more of a management position. Still, he saw enough action for a lifetime. He received the Philippine Liberation Medal decoration for his involvement with the Philippines. "When I got back from that I was a wreck. It was difficult relocating. I couldn't get my job back because the hotel was sold," he says.

Murdock was able to get a job through a former associate. Once again within a year he was manager of a hotel in Ohio.

"All my life has been in the hotel business," he says. From Ohio he managed the Mayflower Hotel in New York City's Central Park which had over 800 rooms, and then later the Beaux Arts Hotel.

As the years went by and his children

*"All my life has been in the hotel business,"*

got older, they went off to university. Tragedy struck Murdock when one of the twins named Virginia, died at the age of 46. "It crushed me. It's something in my life I'll never become reconciled with. We were very close," he says. This is extremely hard for him to talk about. Having already lost his first wife, losing a child he was very close to had a major impact on his life. It happened while he was studying at Saint Mary's. In the end he had to take time off, to recover from his loss.

Remarried at the age of 71, today he is faced with another tragedy. For the past

nine years his wife, Edna, has suffered with the degenerative disease Alzheimer's. When she falls out of bed in the night, Murdock is no longer able to pick her up. Instead he has had to call the firefighters a number of times. Told by social services that his wife might be better in a nursing home, he has come to the hard realization that they might be right.

"I wanted to go back to university, but on account of Edna, I couldn't. She is now very advanced with Alzheimer's," he says. Murdock was interested in pursuing a Master's in International Development Studies, but decided to spend as much time with his wife as possible. With an application in for Northwood Manor in Halifax, his life will be very different without Edna. While she might not always remember him, she gently but firmly says, "He's mine," to any strangers that visit. "The rest of the time, she doesn't know me," he says. ☺



# Radical changes in Psychology

Students deciding to major in Psychology next year will find they have a lot more flexibility and freedom to choose courses with more up-to-date course material.

With the growing number of students majoring in Psychology, the Department decided that the best way to maximize resources and to meet the increased demands from students was to revamp the entire course calendar. Over recent years there has been a 10 per cent annual increase in the number of students majoring in Psychology. For the 1993-94 academic year, the Department had 292 majors, including about 40 honors students, with 11 full-time and 12 to 14 part-time faculty.

"It's a very popular discipline. It is a popular science and a science people are close to. It's about behavior, human behavior and it is part of a helping profession," says Dr. Darryl Bruce, Psychology Department.

## Changes in curriculum:

The first major change is that there are no longer any full-year Psychology courses, except the honors seminar. "This is entirely more flexible. They're now all half-year," says Dr. Bruce.

The second change is in the Introductory to Psychology course. This is now a

half-credit course, intended for non-majors. For people majoring in Psychology, the department has introduced a number of second year courses, which are considered foundation courses. Students not majoring in Psychology can however still take the second year level courses.

A third change is in the Psychology Statistics in Experimental Design course. Now two half courses, the first term will be taught by the Mathematics and Computer Science Department and the second will be taught by the Psychology Department. "A lot of our effort in that course will now be shared by the Math Department and Math will do a great job here. Before there was duplication of effort," says Dr. Bruce.

The full-year Psychology of Learning course for majoring students is no longer a requirement. The content of the course has been shifted to other courses and its emphasis on teaching general methods, which gives students some laboratory experience, is covered in a fourth-year course.

Another major change is in the honors program. Students will now have the choice of carrying out a research thesis or doing additional advanced courses.

This re-organization of the curriculum has been under discussion for awhile. "The most radical change is in the Introductory course. Several departments in the region are looking on this particular change with interest," says Dr. Bruce.

The Department began the process to revise the curriculum in April, 1992 and it was approved by the Senate in December, 1994. □

## Telling it like it is

University life is lots of freedom compared to high school and that can be good and bad, says Sarah Morris, Peer Program Co-ordinator, to a group of 23 grade 12 students at Cole Harbor District High School, in Cole Harbor.

As part of her job, Morris goes around to a few high schools close to the end of the year to explain to students what they can expect on their first day at university.

The students are quick to say that university is lots of work, requires a lot of discipline, is an educational experience and can be scary. All that coupled with the pressure to succeed and get good marks.

The change from high school to university can be overwhelming. In high school attendance is mandatory, not so at university. But you will only hurt yourself and your marks if you skip classes, she says. At high school you might know everyone in your classes and be used to being popular, but at university, with thousands of other students, you will be lucky to know a few people in a few classes. That's why orientation week is important. It's a chance for high school students to make new friends and through the up-coming academic year those friends can help each other when they need it.

One big shock Morris sees in her office is that a number of straight A high school students are always extremely upset when they get university marks such as B's and C's. She is usually blunt and says, "This is not high school," but she also tells them that there



Sarah Morris, Peer Program Co-ordinator talks to a group of grade 12 students at Cole Harbor District High School.

is nothing wrong with getting a B and that once a student learns how to manage time and to improve their study skills, those marks will improve.

Morris is direct and honest to the students. "If you really mess up in the beginning it can ruin your year," she says. The rule of thumb is that one hour of class equals three hours of work. Get involved is the other rule. Join an athletic team if you are athletic, or volunteer. "Volunteer work gives you an excellent edge in finding a job," she says.

"University is fun, but it's lots of work. If your time is well managed and you establish good study routines, then you'll succeed," she says. □

## Scholarly & Professional Development

### Accounting

■ Dr. Thomas T. Cheng, Accounting Department, has been appointed as a member of the Doctoral Fellowship Award Committee of the Society of Management Accountants of Canada. This national committee grants awards to Canadian Certified Management Accountants engaged in full-time doctoral studies and committed to teach in Canadian universities.

### Astronomy and Physics Department

■ Dr. Malcolm Butler, spent a few days during Spring break at the Canadian Institute for Theoretical Astrophysics (CITA) in Toronto, doing collaborative research with CITA Research Associate Rob Malaney. Locally Dr. Butler has joined the Technology Team of the Strategic Planning Committee for the City of Halifax. During April 24 to May 13, Dr. Butler was an invited participant at the National Institute for Nuclear Theory's Spring program on, "Chiral Dynamics in Hadrons and Nuclei." The institute is located at the University of Washington, Seattle. He also talked on, "The Electromagnetic Properties of the Baryon Decuplet in Chiral Perturbation Theory."

■ Dr. David Clarke (as a member of the Prize Committee) and Father W. Lonc were in St. John's, Newfoundland, in February, along with three other undergraduate students to attend the APICS-sponsored Atlantic Undergraduate Physics Conference, which was hosted by Memorial University. Talks were presented by Anne Forgeron, Cindy Freeman and Glen Petitpas. Dr. Clarke with Hardee, P. E. and Howell, D. A., published, "The Collimation and Stability of Three Dimensional Jets," in the *Astrophysical Journal*, v. 441, pp. 644-664, 1995.

■ Dr. David Guenther presented a talk on, "Solar Seismology" to the Physics Department at Dalhousie University in January and was the guest speaker at the February meeting of the Halifax Centre of the Royal Astronomical Society of Canada, where he spoke on, "Stellar and Solar Oscillations." He and Dr. David Richardson, Dean of Science, attended the Halifax Regional Science Fair at the end of March, to select the winner of the Saint Mary's Science award.

■ David Lane, Observatory Technician, with other members of the Supernova Scotia Search Team, continue to monitor Supernova 1995F and two other extragalactic supernovae. Lane has given talks on, "Supernova 1995" to the Physics Department at Dalhousie University and to the Central Nova Astronomy Club in Truro. Lane is in his second year as President of the Halifax Centre of the Royal Astronomical Society of Canada and, with other members of the Department, is a regular participant in the local Scientists in the Schools program.

■ Father William Lonc, recently hosted two physics laboratory workshops for high school students and teachers from Sacred Heart School and the Halifax Grammar School. Father Lonc, published "Novel Third-Law Demonstration," in *The Physics Teacher*, 33, 84, February, 1995.

■ Dr. Gary Mitchell, published with Lee, S. W., Maillard, J.-P., Matthews, H., Hasegawa, T. I. & Harris, A. I. "A Multitransition CO Study of GL 490," in the *Astrophysical Journal*, v. 438, pp. 794-812, 1995. With Hasegawa, T. I., he published, "An HCO+ Study of NGC 7538, IRS 9, and GL 490," in the *Astrophysical Journal*, v. 441, pp. 665-679, 1995; and with G. E., Hasegawa, T. I., Dent, W. R. F. & Matthews, H. E., "A Molecular Outflow Driven by an Optical Jet," in the *Astrophysical Journal*, v. 436, L177-L180, 1994.

■ Dr. David Turner, traveled to Cape Town, South Africa, in February to attend International Astronomical Union (IAU) Colloquium 155 on Astrophysical Applications of Stellar Pulsation, which was held at the South African Astronomical Observatory. There he presented two papers called, "Common Misconceptions About the Galactic Cluster Calibration of the Cepheid PLC Relation" and "Evolutionary Characteristics of Cepheids as Deduced from their Period Changes." He also met his research collaborator, Dr. Leonid Berdnikov from the Sternberg Astronomical Institute in Moscow, who visited Saint Mary's last Summer. Dr. Turner has accepted an appointment to the Advisory Board of the Herzberg Institute of Astrophysics and is beginning his second year as Editor of the *Journal of the Royal Astronomical Society of Canada*, Canada's only peer-reviewed research journal in astronomy and astrophysics. He is presently organizing an Open Clusters Workshop as part of his involvement with the Scientific Organizing Committee for an international symposium on Binary Stars in Clusters, which is being held in Calgary, in June, 1995.

■ Dr. Gary Welch spent nine nights in March on an observing run in Quebec's Eastern townships using the 1.5 m telescope of the Mont Magnetic Observatory, which is operated jointly by the University of Montreal and Laval University.

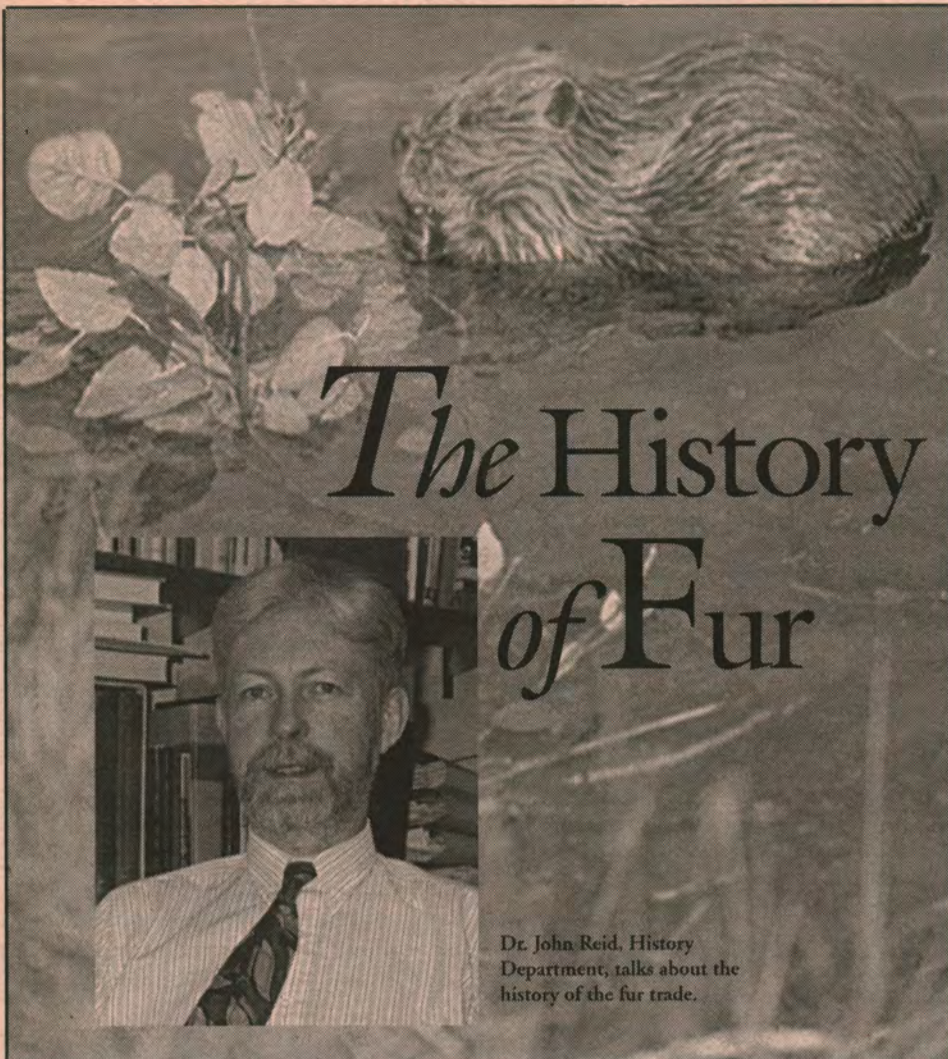
■ Dr. Michael West, Astronomy and Physics, has been selected to participate in this year's "Invited Visitors Program," at the European Southern Observatory, located in Garching, Germany. He will spend several weeks this Summer pursuing research at ESO headquarters. In February, he presented a talk called, "How old is the universe and how do we know?" to the Dalhousie University Department of Physics. He also represented Saint Mary's at a March fund-raising event for the Discovery Centre called, "Setting the Stage for Opportunity."

### Master of Business Administration

■ Dr. T.S. Chan, Director, MBA, was elected to be a member of the Board of Governors of the Institute of Internal Auditors in Nova Scotia on April 12, 1995.

### Philosophy Department

■ Dr. Peter March, Philosophy Department, was in Vancouver where he was a guest speaker at a conference on philosophy and the community. The event was sponsored by Simon Fraser University. In October Dr. March will be a guest again, this time at a conference entitled, "Philosopher as Citizen: Philosophy's Role in Today's Society," at the University of New Brunswick, Fredericton.



# The History of Fur

Dr. John Reid, History Department, talks about the history of the fur trade.

by Renee Field

Today many people think twice about wearing a fur coat or fur hat, due to the vigilance of animal rights activists. But there was a time throughout North America and Europe when fur was not only fashionable but essential.

The fur trade industry helped to shape Canada. It brought an industry other than fishing to an isolated region of North America and beaver hats placed Canada in the forefront of European fashion.

But, the industry did not happen overnight. It grew gradually from a small scale business in the early 1500's, to a profit oriented industry by the 1800's.

Historians have an early indication of the fur trade through the French explorer Jacques Cartier's sailing expedition into the Bay of Chaleur, where he was greeted by the Mi'kmaq who wanted to trade furs. This was not the first time Europeans were exposed to beaver pelts and deer hides, but Cartier was impressed enough to bring the furs he traded back to Europe.

By the 1580's the market took an upswing as furs became fashionable. One of the most important fashion elements for the Canadian fur industry was the popularity of beaver hats throughout Europe. The late 1500's were the turning point for the industry.

"The fur trade was a conscious tool by Europeans to finance colonial enterprise," says Dr. John Reid, History Department. The popularity of fur trading saw the beginnings of European colonization as more Europeans moved to the coast lines around North America. Some historians have argued that the beaver trade prospered because of the heavy overhead cost associated with long voyages from Europe to North America. To cover the cost, suppliers took furs, namely beaver pelts that could be used by manufacturing companies back home, which would secure them a profit.

The fur industry could only survive in areas throughout North America that had cold winters. So the industry gradually moved northeast and then slowly into the interior. In the early 1600's the price of beaver pelts skyrocketed as demand went up. From the native point of view this opened the market as a means to trade for goods that could support their traditional way of life. Furs were traded for knives, copper kettles, beads and blankets. However, change in the aboriginal economy began to emerge as hunting beaver took priority, as beaver pelts could buy more traded goods.

The French in the St. Lawrence Valley were very active in the fur trade and used the industry as a way of gaining military alliances with the Huron, Algonquins, the Montagnais and Indians of the Saguenay and of the Ottawa and Georgian Bay regions.

For the British the major fur trade station was the Hudson Bay Fur Trade centre which was established around Hudson's Bay. There were extensive trade routes established into the interior. But, by the 1700's with the advent of warfare the price of furs began to fluctuate.

The fur industry had a major impact on aboriginal culture. Throughout much of North America the spread of the industry, along with the influx of more Europeans saw the change in aboriginal values and customs. While the industry helped to open up the North, in many ways it decimated native culture. ☐

**Note:**

International fur trade conference, May 24—28th at Saint Mary's. The conference was organized by the Gorsebrook Research Institute. People from Michigan, Virginia, New York, Pennsylvania, Montana, Massachusetts, Texas, Washington, Switzerland, France and from every province in Canada converged on the University. A 26 ft. Voyageur canoe was displayed in the Theatre Auditorium, McNally building.

## Commerce advisory board means **ACTION**

The Frank H. Sobey Faculty of Commerce Advisory Board has had one whirlwind of a first year. Still in the formation process, the advisory board has tackled a number of key issues that directly affect the Faculty of Commerce.

"The advisory board has been used as a sounding board for major changes and they have been very effective as a group," says Dr. Scott Carson, Dean of Commerce.

With about 20 members from across Canada, the United States and Mexico who belong to a number of international businesses, such as Nestle Enterprises Limited, Newfoundland and Labrador Hydro, the Canadian Bond Rating Service, Air Nova, and the Royal Bank of Canada in Mexico City, it's easy to see that these people enjoy challenges.

After only three meetings this year, members have examined a number of key programs such as the Master's of Business Administration (MBA), the Executive Master's of Business Administration (EMBA), and restructuring of the undergraduate program. Faculty are also involved in the process and throughout the year they made a number of important presentations to advisory board members.

While most business schools around the world have an advisory board, it was only through the efforts of Dr. Carson, who is entering his third year at the University, that one was seriously considered for Saint Mary's.

"A lot of advisory boards are not used and while it took one year to put ours together, we wanted one to be broadly representative of Canada, regionally and internationally," he says. Dr. Carson also wanted the membership to be representative of a number of different sized companies and to be gender equal. There are four women on the advisory board and this represents the largest percentage of women on any Canadian board, he says.

Dr. Carson is adamant that the advisory board is "Not window dressing," but rather a strategic group of people who discuss important matters of policy regarding the Faculty.

"Business is the engine of our economy and education is the fuel for that engine," says Valerie Payn, General Manager, Metropolitan Halifax, Chamber of Commerce and a member of the advisory board. Payn likes the fact that Saint Mary's business graduates are getting the best possible education for the workplace. "We must remember that today's students are tomorrow's business leaders and their education is an investment in our future," she says.

Payn enjoys her participation in the advisory board and likes the fact that her work experience is helping students prepare for the

future. Dr. Carson actively sought out members who would not hold back, but would be willing to bring their experiences to the table when discussing possible programs, changes and the future directions for the Faculty of Com-

merce, she says. One of the most enjoyable experience for her has been the chance to meet board members from across Canada and the US, and hearing their views on how to strengthen and develop Saint Mary's business school.

"Partnerships is today's buzzword, but in the case of universities and businesses it has never been more true. I see the future success of businesses and of universities, particularly business schools, as being dependent on developing a variety of working partnerships at varying levels that will allow us to communicate, work together and shape our futures. Saint Mary's Faculty of Commerce has made a very important step in that direction," says Payn.

In October, 1994, the group met to critique the MBA program and in May of this year they reviewed the proposed changes. ☐

*"Partnerships is today's buzzword, but in the case of universities and businesses it has never been more true."*

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**Saint Mary's University**

# Selling Nova Scotia to Europeans

by Renee Field

What does Nova Scotia have in common with Europe? Try lots of water and a coast line that is constantly changing, plus environmental concerns and marine technology equipped for both markets.

That's exactly what David Lyons, President and CEO of R&D Lyons Consultants Limited, pitched for both Nova Scotian companies and European business partners, at Saint Mary's as part of the Halifax Conference on Euro-Pacific Investment and Trade, on May 4, 1995.

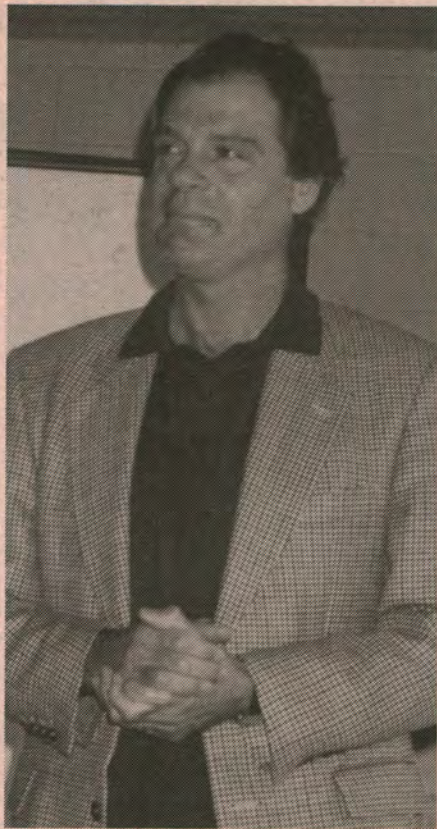
With over 20 years of experience in the business, dealing with environmental issues, deep water technology and inshore equipment, he is quick to point out that many NS businesses have yet to develop their full potential. Many, he claims, are only looking in the North American or Asian markets and they are missing their best opportunity in Europe. As a Commerce alumnus of the University he says, "In the context of the G-7, I think it's really great that Saint Mary's is taking the lead role in this."

Western Europe accounts for one-third of the marine technology market and that equals about \$350 billion each year. "Environment is the key in Western Europe and that's a benefit for Nova Scotian industries," he says. For example, the offshore oil and gas produced in Europe accounts for \$12 billion each year and with Canadian, in particular Nova Scotian expertise in this area, it makes sense to market that potential in Europe. Areas of great potential for Nova Scotians are in the field of sub-sea communications, environmental knowledge and ocean science.

Gone are the days when you setup with an agent in Europe. Today, developing a personal relationship is crucial and it has to be a reciprocal arrangement. "We have more of an affinity with the European market and they are more comfortable dealing with us," he says.

#### Types of businesses:

Lyons talked about three types of businesses his consulting firm has established between NS and Europe. They are license manufacturing firms, operational joint-ventures and strategic alliances.



David Lyons talks to a group of business people who gathered for the Saint Mary's Halifax Conference on Euro-Pacific Investment and Trade.

"We are looking at ways we can take technology from Europe to Canada," he says, and through license manufacturing deals, particular in the environment sector, this is possible. Fish farming in the Mediterranean

Sea is one example. In Europe fish farming has come a long way, with the technology for new submersible fish cages. This way tourists don't see the buoys lining the harbor. In fact there is a NS company using this technology through

their work with a firm in the South of France, says Lyons.

Operational joint-ventures have to be practical. Again using the marine sector as an example, Lyons outlined how a Maritime company's technology, that measures particles in water, is being utilized by a company in Europe. "This is a quarter of a million dollar business," he says. Now, that company has the challenge of bringing what it has learned in Europe back to the province.

The market in Europe for strategic alliances would have to be in Italy and Venice. Lyons has done a lot of work with the Italians and he is currently involved with the recruitment of Nova Scotian restoration companies to help restore the city of Venice.

The Canadian perspective is that agents in Europe are things of the past. "You need a company that thinks in terms of partnerships. We have to highlight private sectors that are doing this," says Lyons.

**"We are looking at ways we can take technology from Europe to Canada,"**

# Tracing a Nova Scotia disease back to the 1600's

A lot of work goes into an honors thesis. By the end of eight months, some students are anxious to move on to new things and never want to see their honors topic again. Not so, for at least one Science student.

Sathyasai Murty, 21, graduated last year with distinction in Biology. She decided to come back to Saint Mary's to complete her honors certificate. For her honors thesis she worked out an arrangement, with the help of Dr. Michael White, Biology Department at Saint Mary's and Dr. Christie Riddle, Pathology Department and Director of the DNA Lab at the Izaak Walton Killam Hospital for Children. Previously, Sathyasai worked for one Summer with Dr. Riddle analysing the genetics of a disease called Niemann-Pick, Type D (NPD) found in Nova Scotia.

Niemann-Pick is a genetic disease, inherited by children through their parents. In most cases parents have no idea they are carriers of this deadly genetic disorder. The disease was discovered around 1914. NPD kills children between the ages of two and four, though a few survive until their early 20's. In many instances the child's liver enlarges, because the body can't break down lipids and there is loss of mental faculties. Eventually the central nervous system breaks down.

There are five genetic types and type D is known as the Nova Scotian variant. Affected persons with type D have had their roots traced back to a couple, Joseph Muise and Marie Amirault, of the late 1600's from Yarmouth County.

Sathyasai's thesis had two parts. First was upgrading the pedigree (original ancestry links). She was able to do this by using the pedigree at the Atlantic Research Centre. The second part was working on mapping the gene responsible for NPD.



Sathyasai Murty

"I've always been interested in medical aspects and I was interested to work on this project," she says, enthusiastically. Through her research it was discovered that affected persons have the same chromosomal segments as their common ancestors, some even as far back as eight generations.

Most families who discover they have NP are anxious to help isolate the cause of the disease. At the IWK hospital, families volunteer their DNA samples in the hope that this will save lives, through the eventual isolation of the gene for type D. A couple of years ago the gene for type C was discovered on Chromosome 18 and with the continued work at the hospital, Sathyasai hopes that within a couple of years the gene for type D will be isolated. Narrowing down that search made up a big part of her work.

"It's like finding a missing person in a country by locating their relatives first," says Dr. White, who is Sathyasai's thesis advisor.

Sathyasai strongly recommends students to do collaborative research for their honors thesis. She plans to pursue the health sciences field in the future.



# Potential Saint Mary's students

While they may look young, give them another 10 to 15 years and many of these faces will probably be on campus. About 40 primary students from the Sacred Heart School of Halifax walked to Saint Mary's for lunch and to attend a few classroom seminars. They even had a test about the upcoming

G-7 Summit in Halifax, as part of their educational training. Pictured with the students is to the right Ms. Daphne Mitchell, Teacher, Primary M and to the far left, Mrs. Madeleine, Berrigan, Teacher, Primary B.

# Huskies head painter's pride



Gearing up to paint the Huskies mascot are, Jim Young, who is holding the Huskies mascot in his hand and Tony Arab.

If you happen to be passing the field one day and see two guys on their hands and knees at centre field, you know that Jim Young and Tony Arab, both Physical Plant workers, are back at work again.

Gone are the days when almost the entire Physical Plant department went to the field with a paint brush to paint the lines. Today, the job is handled by the University's two full-time painters. "We use chalk lines and the fast line sprayer makes painting the lines much quicker and exact," says Young. The lines take several days to paint since it is important to get the right amount of paint on the field. There is a fine line between too little paint, which means the lines get rubbed off quickly and thick lines, which can cause injury to the athletes. A thick paint line hardens and is sharp so when an athlete slides over the painted line, they could be cut.

The lines are one thing, but both men become quite passionate when they talk about the Huskies mascot symbol which lays at centre field. The mascot of Saint Mary's athletic teams is the Husky dog head. This head is proudly displayed at centre field on the University's astroturf.

"Sometimes you can see the head better than others," says Young, one of the painters responsible for the upkeep of the mascot symbol. "The field has so much activity almost all year long that it is difficult to keep the head looking freshly painted," he says.

"I remember coming to games at Huskies Stadium as a kid," says Arab. "It wasn't just the Saint Mary's team, it was more like a Halifax's football team. You always root for the team from your area." In his own way, Arab has been able to continue rooting for his hometown team, the Huskies.

Arab and Young take great pride in keeping the Huskies head looking brilliant and professional throughout the year. Both men have been painting the new head for the past three years and estimate that it only takes a couple of hours and a couple gallons of paint, now that the technique has been mastered.

# Youth conference in Russia

Saint Mary's was the only Maritime University to send a student to Russia, as part of the Siberian Youth Initiative organization.

Carolee Buckler, a Master's student in International Development Studies and last year's World Universities Services of Canada (WUSC) co-ordinator for the University, left on May 7, 1995 for Russia. She is one of four Canadian students who qualified for the five day conference.

"I'm really excited about going. I took a course on economies in transition and now I get to go there and see everything," she says. This is her first trip to Russia and while the conference is only one week, Buckler, along with the other three students, plan to spend a few more weeks touring Europe.

The main topic for the Siberian Youth conference is youth strategies for the 20th century. One major event of the forum is the seminar, "Governability of World Development: Experiences and Perspectives." A number of key-note speakers from Italy, Japan, Russia, Luxembourg and the US will give presentations. Over 150 youths from around the world will be at the conference.

"It's an honor to go and to bring back



Carolee Buckler goes to Russia.

ideas to our local communities and to other WUSC committees," says Buckler.

Buckler found out about this competition through e-mail. All WUSC offices had a posted note telling people about the conference and Buckler thought she might apply. WUSC paid for part of the ticket and the Saint Mary's Students' Association and the President's Office paid the remainder.

Once the conference is over, Buckler will write a report and present it at WUSC's general assembly in Ottawa, this Fall.

# Tower free to staff members all Summer

The Tower theme for this Summer will be "We are here for you too."

During the academic year the Tower is full of student athletes training in their respective sports or participating in intramurals. Yes, it can get crowded at times, but take heart, the Summer is here and the staff at the Tower want to see Saint Mary's staff members taking advantage of the facilities.

They are offering "A sport a day" during lunch, from 11:30 a.m. to 2:30 p.m. for

free, for full-time staff members.

The Summer program was the idea of Bob Caissie, Facilities Manager, The Tower. "We want to offer staff members who we don't see during the academic year the benefit of the numerous facilities we have at the Tower," he says.

Caissie explains, that the program runs Monday to Friday (except holidays) at lunch time from June 1 to August 30. Each day a different sport will be highlighted with someone on site to ensure everyone is familiar with the activity, the equipment and to offer tips on how to ensure the game is enjoyable and played safely.

# Making the NEWS

**Dr. Salah Amirkhalkhali**, Economics Department, spoke with Starr Dobson, ATV about summer jobs for students, on April 3, 1995.

**Dr. Therese Arseneau**, Political Science Department, was able to help the Truro bureau of the Halifax Herald with information on Italian politics, by referring them to a colleague at Memorial University, on May 3, 1995.

**Dr. Patrick Crowley**, Economics Department, will be covering events the week prior to the G-7 Summit for French listeners on RDI, the French channel on the South Shore.

**Virginia Jackson**, Public Affairs Officer, spoke to C100's morning show on May 3, 1995, about all of Saint Mary's past honorary degrees recipients.

**Dr. Peter March**, Philosophy Department, hosted an hour-long "open-mike" show with CBC Vancouver, while at a philosophy conference in B.C.

**Dr. Donald Weeren**, Faculty of Education, provided background information on the formation of the Faculty of Education and its history for a profile piece, which appeared in *The Chronicle Herald/Mail Star* on May 12, 1995.

A survey was distributed during Sneaker Day on May 26, 1995, to get an idea of the activities that staff members would like to see offered. One day the sport could be basketball, the next volleyball, and so on. The schedule will be set according to the responses from the survey.

The aim of the program is to increase staff membership at the Tower all year. Memberships for full use of the Tower are offered for as little as \$8.27 per pay period (based on the total package cost). But for the Summer of '95, all full-time staff members are invited to the Tower during lunch to participate in the sport/activity of the day for free.



# Camp of Champions Summer 1995



## Hockey

August 21-25  
August 28-September 1

## Multi-Sport

July 17-21

## Basketball-Girls

July 10-14, August 14-18

## Basketball-Boys

July 24-28, July 31-August  
August 28-September 1

## Soccer

July 3-7  
July 10-14

## Volleyball-Girls

August 21-25

All programs are for ages 8-18, except for Multi-Sport, which is for ages 6-10. Hot lunch available.

For more information, call 420-5429.



**Saint Mary's University**