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# Saint Mary's Times

Canadian Council for Advancement of Education  
Best Newspaper Award, 1991

Saint Mary's University, Halifax, Nova Scotia September, 1991 • Volume 20 • Number 7

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**Rite of passage!**  
Despite more students than ever completing registration by mail, there are those who prefer to secure their courses by waiting in line all night before August registration. At the head of the line—two girls who came fully prepared!  
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**Garden of Eden**  
How Rashid Tayyeb has turned a city lot into the horticultural equivalent of a wet nose and shiny coat.  
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# University structure could be changed

## Rationalization talks move to a higher level

**by Chuck Bridges**  
Negotiations about the possible rationalization of the Nova Scotia university system have moved to a higher level. What is now under discussion is not "who should have the big business school," or "should the number of geology departments be reduced." It is, "how should the universities of Nova Scotia be co-ordinated."  
This move resulted from a suggestion that adjustments to the system at the program level should not be made until an overall framework for post-secondary education in the province had been established. In August, the Council of

Nova Scotia University Presidents (CONSUP) appointed three consultants to examine the entire system and make recommendations about a method of co-ordination for the universities which would result in the most efficient and effective system for Nova Scotians.  
The three consultants were Dr. Marsha Hanen, president of the University of Winnipeg, Dr. J. Stefan Dupré, of the University of Toronto and Dr. Moses Morgan, a past president of Memorial University. They received briefs from and held meetings with each university before preparing a report. CONSUP is deliberating over their suggestions as we go to press and this round of talks between the presidents has a September 30 deadline for action.  
Three types of co-ordinating bodies have been suggested for Nova Scotia universities; a consolidated governing board, a co-ordinating board and an advisory board. There  
**See page 2**



## Anti-racism march

"Hey, hey, ho, ho, Ra-cism has got to go!" Chants echoed throughout the city as people of all races held a unity walk for peace on August 1. Upwards of 1,500 people, including Dr. Colin Dodds, Vice President (Academic & Research) walked from Gottingen Street to Huskies Stadium to hear speeches by prominent activists including Reverend Darryl Gray of the Anti-racism and Human Rights network, Frank Medjuck of the Atlantic Jewish Council and Noel Knockwood, spiritual advisor to the Micmac community.

## Accounting doctorate slated for September 1993

Saint Mary's University will launch its first doctoral program in September 1993, when the Faculty of Commerce begins admitting post-graduate students to its PhD in Accounting. The program will be the first doctorate in business studies in the Atlantic Region.  
Announcing the new program, Dr. Colin Dodds, Vice President (Academic and Research) said, "This is a natural development for the commerce faculty, given its pre-eminence in the field of business studies, which stretches back to our first dean, Dr. Harold Beazley, and beyond." He added, "The PhD in accounting is the first step in a plan to offer a number of doctoral degrees in commerce at Saint Mary's."  
Other innovations in the commerce faculty include the introduction of an Executive Master of Business Administration in 1990, and

preparations for a co-operative education MBA in accounting which will accept its first students in September 1992.  
At the present time, more than 40 per cent of all full-time and almost 50 per cent of part-time commerce students in Nova Scotia are enrolled at Saint Mary's.  
Dr. Dodds says the new programs have a double purpose. They respond to the needs of people seeking higher levels of knowledge of business theory and practice, and "They continue Saint Mary's efforts to fulfil the commitments it made in the Role and Capacity Statement it presented to the Maritime Provinces Higher Education Commission in 1989." This statement was an early step in the ongoing efforts of the Nova Scotia government to rationalize post-secondary education in the province—see this page.

## Times is "Best Newspaper"

The Times won this year's "Best Newspaper" award at the Canadian Council for the Advancement of Education (CCAE) conference in Montreal in July. In the citation The Times is described as "Very nicely-designed, high energy look, using good effective graphics and photos," "very much a people newspaper," and assessed as "outstanding."  
Editor Anne West says, "It is very nice to receive this acknowledgement of the fact that Saint Mary's is no longer a small university, but can take its place with the best in Canada." She

adds, "The paper is a team effort, and its success owes a lot to our graphic designer, Stu Ducklow, Melanie Nolan, who was staff writer during the year we were judged on, other members of the Public Affairs department and members of our editorial committee."  
CCAE membership is drawn from the 130-plus colleges and universities in Canada and includes representatives of the development, alumni and public relations departments of those institutions. Its purpose is to further the advancement of higher education in Canada.

**Afraid it may affect quality of education**

# Students speak out on rationalization

by **Claudine Laforce**

Should there be one University of Nova Scotia or a University of Halifax? Or should Nova Scotia hold on to its 13 separate post-secondary institutions? These and other questions were debated by student leaders at a news conference on 25 July.

**Public lectures**

Donald Higgins Memorial Lecture

**Phyllis Lambert**  
CM, CQ, FRAIC

8 pm, Thursday, November 14, 1991  
Theatre Auditorium

Phyllis Lambert is a noted architect and founder of the Canadian Centre for Architecture in Montreal. She is a champion of neighborhood preservation and sends a strong message that we must care for our cities.

A public lecture:

**Gwynne Dyer**

Defence analyst and journalist

After the Wars

8:00 pm, Thursday, October 24, 1991  
Theatre Auditorium

Chaplaincy Services

**Noel Knockwood**

Native Spirituality  
and the University

7:00—9:00 pm, Wednesday,  
September 25  
Chaplaincy Centre, Loyola 145

Everyone Welcome  
Information: 420-5502

Chaplaincy Service

**Rev. Darrell Gray**

and members of the

Cultural Awareness  
Youth Group

Understanding the  
Experience of Racism

12:15—1:30 pm  
Tuesday, September 17

Room 172, Loyola

Bring your lunch—  
tea and coffee provided  
Everyone welcome  
Information: 420-5502

University presidents and administrators from across the province have met regularly to discuss this issue but have done so without consulting with the people who will really be affected, according to Kerry Lynn Currie, Vice President of Student Affairs at Saint Mary's. Speaking at the news conference hosted by the Student Union of Nova Scotia (SUNS) Ms. Currie said, "If the government were to combine two Crown corporations, it would do a major report examining the problems and effects for everyone concerned. We should have the same rights." SUNS chairperson Scott McCrossin commented, "Unfortunately, it has been apparent to us that there's a lack of will to involve anyone other than university administration in this process."

According to a statement released at the conference, "SUNS is opposed to any form of rationalization [before completion of] a cost-benefit analysis that demonstrates rationalization is economically beneficial, will improve

accessibility and quality of education, and will not damage the existing reputations of each of the institutions. SUNS recognizes that inefficiency in



**Peter Pottier (Dalhousie), Kerry Lynn Currie (Saint Mary's), Scott McCrossin (SUNS Chairperson) and Chris Darrah (NSCAD) during a SUNS news conference in July.**

Nova Scotia's post-secondary education system exists, but not necessarily at the program level."

Panel members agreed that they were not opposed to rationalization, they just wanted to be involved in the strategic planning. "Students are afraid they may receive an inferior education at the end

of this rationalization process," said Peter Pottier of Dalhousie.

Not only students showed their concern at the conference. Dr. Guy Chauvin, past president of the Nova Scotia Confederation of University Faculty Associations and Saint Mary's political science professor was also there. Dr. Chauvin explained that on a cost-per-student basis, the Nova Scotia university system is the least expensive of the provincial systems though it is one of the most expensive on a cost-per-taxpayer basis because of the number of out-of-province students attending Nova Scotia universities. Transfer

payments to universities are based on the province's population, not the number of students it educates thus Nova Scotia taxpayers are picking up the cost for out-of-province students.

## Rationalization talks move to higher level

from page 1

are numerous options within this framework, including the formation of one University of Halifax.

Saint Mary's submission to the consultants was prepared by a task force composed of the president, the vice-presidents, the deans and the directors of institutional research and public affairs. This group would like to see the formation of a co-ordinating board, and suggests it be a regional body which would oversee the whole of Atlantic Canada, not just the Maritimes.

Saint Mary's is fighting for certain freedoms which it sees as essential for an effective higher education system. These are: freedom to select staff and students and to determine the conditions under which they remain in the University; freedom to determine curriculum content and degree standards and; freedom to allocate funds across different categories of expenditure.

**Saint Mary's proposal**

Saint Mary's suggested a co-ordinating body which would:

- Facilitate long-range planning
- Encourage the efficient use of resources by promoting co-

ordination and co-operation between universities

- Approve adequate funding for new programs
- Initiate program reviews
- Recommend the creation of joint programs or the termination of programs where appropriate
- Recommend to government the funding required to maintain a high level of quality and diversity
- Review financial performance and recommend areas for improvement
- Monitor areas of weak financial performance
- Commission studies of the quality and responsiveness of the system
- Inform government and the public of the problems and issues in higher education.

Saint Mary's task force believes that its proposals would provide Nova Scotians with a structure which would ensure quality university education, while also preventing universities from becoming spendthrift or lackadaisical about their financial obligations. It considers that by promoting both autonomy and accountability, this system makes taxpayers the winners by providing adequate resources for education, while controlling unnecessary expense.

**Help yourself  
and  
the  
Atlantic Centre!  
2nd Annual  
Parking Lot Sale**

9:00 - 11:00 a.m.  
Saturday, September 21 (rain date:  
Saturday, September 28)

Rent a table and turn your treasures into gold or donate items to be sold in aid of the Atlantic Centre. If neither of the above appeals to you, just come and sample the wares of your fellow Santamarians.

**Information: 420-5513**



**Times**

Saint Mary's University  
Halifax, N.S. B3H 3C3

September, 1991  
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The Times is produced by the Public Affairs Department of Saint Mary's University.

Submissions from faculty, staff, students and friends are welcome.

**Director of Public Affairs**  
Chuck Bridges  
**Editor:** Anne West  
**Sports Editor & Staff Writer:**  
Claudine Laforce  
**Design:** Stu Ducklow

**First applications under new regulations**

**SSHRC awards total \$152,461**

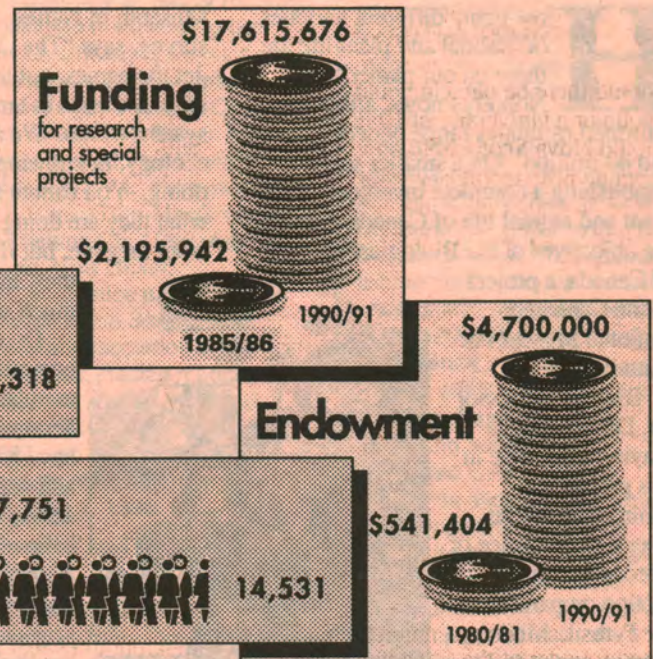
Grants to Saint Mary's faculty members from the 1991-92 competition of the Social Sciences and Humanities Research Council total \$152,461, plus additional special research grants of \$80,000. All but two of the awards will be received over a three-year period. Research Officer Dr. Peter Ricketts is pleased with the results, and says, "Six out of our 14 applicants for SSHRC research grants were successful, which is good. An additional four applications were approved, but were not supported due to insufficient funds." Dr. Ricketts adds, "I am especially pleased at the increase in the number of awards because this was the first competition held under the new regulations. These regulations put more emphasis upon the applicant's research track record, and favor the funding of long-term research programs, rather than shorter projects."

**The grants:**

- Dr. Elizabeth Haigh (History):** "V.I. Vernadsky, 1917—1924: The Ukrainian Academy of Sciences and the birth of biochemistry," \$14,000 over three years.
- Dr. Colin Howell (History):** "Northern Sandlots: a social history of baseball in the Maritimes and New England, 1860—1960," \$26,039 over three years.
- Dr. Alice Ireland (Accounting):** "Intelligent model-based decision support for hierarchical planning," \$58,300 over three years.
- Dr. Richard Perkin (English):** "The rhetoric of Victorian fiction," \$9,440 over three years.
- Dr. Gillian Thomas (English):** "A position to command respect: women and the eleventh Britannica," \$12,968 over one year.
- Dr. Terry Wagar (Management):** "The incidence and consequences of workforce reduction in Canadian firms," \$21,714 over three years.
- Dr. Jo-Anne Fiske (Sociology):** A \$10,000, one-year grant under the SSHRC/Department of Justice Joint Initiative Strategic Grants competition.
- Dr. Linda Christiansen-Ruffman (Sociology):** "\$5,000 and \$75,000, review of the Women and Work Strategic Grant of SSHRC. This grant is shared by Francine Descarries of Université de Québec à Montréal and Mary Lynn Stewart of Simon Fraser University.

**Look how we've grown!**

*A child's guide to the expansion of the University in the last 10 years*



**Eager students register early**

Attending Saint Mary's is a privilege worth working for! This seems to be the attitude among increasing numbers of students. More than ever mailed in their registrations or attended August registration to ensure they got their choice of courses. Registrar Elizabeth Chard says, "It was a busier and more successful August registration than in the past. We saw some different trends. We received over 3,300 registrations in the mail, a thousand more than last year." Of these mail-ins she says, "most were returning commerce students."

Ms. Chard reports that by the end of August, 5,200 students were registered

**Though some eager souls spent the night in line, once the doors opened the computerized registration process was fast**

and another 250 were going through the mail-in process. As we go to press, September registration has not begun and Ms. Chard says, "August registration was greater this year, but whether that translates into any significant change in total enrolment is anyone's guess, and I



am not in a guessing mood." Thanks to changes in the system, August registration was a quick process once the doors opened and was finished most mornings by 11 o'clock. As usual, however, the eager beavers opted to spend the night on campus to make sure of their classes. This year they camped out with mattresses, blankets, chairs and refreshments. The only black spot was the mess they left behind them. The University received some negative publicity about the lineups during registration, but Ms. Chard believes, "There is a social component in registration." She says, "Studies by major institutions have discovered that some students do not feel they have registered if they have not had to line up. Major schools that have opted exclusively for telephone registration have found that students feel gyped if they do not see their friends."

**Postal strike affects registration**

The industrial dispute between Canada Post and its employees means some students who mailed in their registration may not receive their timetables before returning to campus. The Registrar's office is monitoring the situation as we go to press and planning how to make it possible for all students to pick up their timetables. "We may be working round the clock the first few days of class," says Ms. Chard.

**We've saved 330 trees**

Hanna Paper Recycling Atlantic, the company which collects Saint Mary's used paper each week, reports that 38,903 lbs of paper have been recycled since recycling on campus started in October 1990. This represents 330 trees, or more than a tree a day! Keep filling those blue bins!

**Print shop stocks recycled paper**

By popular demand, the print shop is now stocking some recycled papers. Unfortunately there has been a dramatic reduction in the cost of virgin white bond paper, so the University will continue to purchase this paper until the cost of recycled becomes competitive. The recycled papers in stock so far

are colored duplicating paper and Byronic, which is the quality textured cover paper used on the telephone directory and other publications for external use. For samples of the recycled paper which is available, contact Peter Weal at 5579.

**The project: a complete inventory of the plant and animal life of Canada**

# Biology prof helps count flora and fauna

**H**ow many different varieties of animal and plant life are there on our planet? Nobody knows, although informed estimates range between 20 and 40 million! On a smaller scale, establishing a complete inventory of the plant and animal life of Canada is one of the objectives of the Biological Survey of Canada, a project of the Canadian National Museum of Nature.

Biology professor Dr. David Cone is playing a key role in this project, as chairperson of the steering committee of a recently formed section on parasites, the Parasite Module. Spiders and mites, what are called terrestrial arthropods, have been under examination since 1977, and there are hopes that Canadian botanists will kick in next to set up a survey of plants. The Canadian Society of Zoologists, which is co-sponsoring the Parasite Module, is working with its counterpart in the United States to make the project a continental one, and is also trying to set up a Biosphere Reserve Complex in Canada, where large tracts of land would be set aside for long term monitoring of plant and animal populations.

The purpose of the survey goes far beyond counting and documenting species. Dr. Hugh Danks of the National



Dr. David Cone

Museum of Nature, who heads the survey, says "The rationale is not just to get the names, but to find out what each species means in terms of how the system works. We are interested in ecology, in knowing what each species is doing. You cannot really understand what they are doing unless you know what they are, but if you only know what they are, you cannot do very much with the information."

Dr. Cone and his committee, which has members in Alberta, Nova Scotia and New Brunswick, have help from 24 students and academics spread across Canada. Dr. Cone believes that having students involved is an important aspect of the project. Though only graduate students are working at present, he hopes eventually to include Saint Mary's science undergraduates.

The team is starting its task by monitoring the parasites in the yellow perch, a fish which is found right across Canada and which is tolerant of pollutants. The research will help establish how environmental stress affects the food web, the complex network of who eats who, or interactions between species. Dr. Cone explains that much can be discovered about this web and the damage it suffers from pollution by studying the parasites which are passed from species to species. As an example, he says, "Picture the perch in the acid polluted lakes of Nova Scotia.

Molluscs (snails and shellfish) are sensitive to acid, and are being reduced or eliminated, which means they are not there to serve as intermediate hosts of parasites." He goes on to explain that the parasites found in perch no longer include those they would acquire through molluscs. This indicates that the molluscs and the parasites that depend on them have gone, so the variety and richness of the food web has been reduced. Parasitologists like Dr. Cone and his colleagues are able to make complex deductions about the health of the environment by studying the tiny creatures which depend on their hosts for life. Lamenting the way in which environmental stress is affecting the

genetic diversity of our world, Cone says, "Often the most beautiful organisms are reduced or eliminated."

Members of the parasite module have been collecting data for several months and are now preparing to send it by electronic mail to Saint Mary's. When it has been analyzed and checked, the information will eventually be stored at the National Museum of Nature in Ottawa.

As with many major projects at this time, funding for this ambitious survey is uncertain. Its only support at present is start-up funding from the budget of the Museum of Nature, but it is anticipated that Cabinet will eventually approve the major funding needed.

## Group shot

Happy librarians! It has become a tradition for staff of the Patrick Power Library to pose for a group photograph as fall approaches



## Food for thought at lunch lectures

If you are looking for somewhere to take your brown bag on Thursdays, consider dropping into the Chaplaincy Centre, where you can sustain both body and soul by taking part in a series of multi-faith discussions on issues of faith.

University chaplain Father Brian Duggan hopes the series will, "provide an opportunity for people at the University to talk about faith in our University setting from a perspective that reflects the reality of the whole University, which is multi faith." He explains that each session will allow a panel of speakers from Christian, Jewish, Islamic and other backgrounds to express their viewpoint on the topic under discussion.

### Subjects include

- Science and Religion      October 17
- Notions of God              November 7
- Notions of Spirituality      January 16
- Religion and Justice        March 5

The Chaplaincy Centre is in room 145 of the Loyola building.

## Parking 1991-1992

New parking permits came into use September 3. The cost is \$90 including GST.

City of Halifax Police parking tickets are issued to violators of the parking regulations. Unfortunately, tickets will be issued to permit holders if their permits are not displayed.

Parking permits and copies of the parking regulations are available from Physical Plant

## "Summer sessions remain a strong and viable option for students"

# Summer enrolment up again

During the not-so lazy days of summer 3,318 students attended Saint Mary's classes on campus, at the World Trade Centre, in Truro, in Burnside and in Prince Edward Island. Last year's figure was 3,200 and Margaret-Anne Bennett, director of summer sessions, says, "The increase over last year indicates that summer sessions remain a strong and viable option for students." She adds, "We are not seeing the big increases we had several years ago. This may be because of the economy, which may be forcing students to work full-time, instead of spending part of the summer working and part studying."

Commenting on courses offered by the Faculty of Arts, Bennett says, "We had an excellent response to our anthropology and English courses in Truro." Introductory sociology and philosophy courses were also popular, as was criminology and English as a second language, which saw 25 students from diverse backgrounds share one goal—to improve their English in order to continue studying at Saint Mary's.

Bennett says, "We offered a half-credit in International Development Studies with two guest lecturers and 23 students participated." Another special offering was a full-credit course in Spanish which saw 19 students from five Nova Scotia universities travelling to the Dominican Republic to study for six weeks.

Commerce saw "tremendous demand in both sessions and all departments, particularly accounting, where we had to split a number of sections to accommodate demand," says Bennett. Courses in finance, management science, management and marketing were also heavily subscribed and several had to be split, while at the Business Development Centre 18 students from the Burnside business community studied commercial law. Bennett adds, "The nine MBA courses we offered were very popular, particularly among students studying on a part-time basis."

Education continues to be a popular option for teachers working towards their master of education degree. Bennett says, "We continue to have an

increasing demand. The courses filled very quickly and we had to turn students away." Four courses were offered on campus in each session.

In the Faculty of Science, psychology proved to be as popular as ever, with a total of 233 students enrolled. Response to 100-level math courses was also good, and Bennett says, "These are important because they are often taken by part-time, mature students who want to upgrade their math in order to continue on in commerce or science programs in September." In biology Bennett describes an exciting new offering: "We listed a field trip to Bermuda worth half a credit, but unfortunately it did not attract enough support. However, Dr. Tom Rand did take a group of his students on the field trip, and I hope we shall be able to make this work as a credit course in the future."

With summer '91 under her belt, Bennett is compiling this year's statistics and beginning to work on a program for summer '92 that will satisfy the needs of even more eager students.

# Deans coming and going

**Dr. Paul Dixon**

## Acting Dean of Commerce named

by **Claudine Laforce**

Dr. Paul Dixon has been named Acting Dean of Commerce for the 1991-92 academic year. Well-known around the university for his years as Associate Dean of Commerce, Dr. Dixon took over the position in July when Dr. Colin Dodds became Vice-President (Academic and Research).

Dr. Dixon has three main goals in mind for his term. His first is to finalize details for a doctoral program in accounting to be implemented in 1993 and to set up a two-year co-op masters degree in accounting to begin in 1992. "Saint Mary's is recognized as the top accounting undergraduate institute in the Maritimes but we want to go further and establish ourselves as the best program nationally," explains Dr. Dixon. "We really need to have masters and doctoral programs in accounting at Saint Mary's to attain this visibility."

His second goal is just as ambitious. "We want to recruit more aggressively for commerce faculty. We have several vacancies and want to make sure we have the best people to fill them, so we are recruiting at conferences now for staff we will need in 1992," he explains. Dr. Dixon is concentrating on pulling in people with certain areas of expertise. One such area is finance, where he would like to place a specialist in real estate. "The largest vehicle for investment in the Maritimes at present is commercial real estate, and we want to capitalize on that fact," says Dr. Dixon. The other area of specialty he is working towards is management where he would like to place an expert in entrepreneurship.

Dr. Dixon's final goal is very crucial. "I'm responsible for setting things in place for the new dean who will fill this position at the end of this school year," he says. "This will be my focus after Christmas, since the effects of rationalization will be known by then. It is important that I assist in this transition so that the new dean will be able to move as easily as possible into the position."

Dr. Dixon also has a major research project underway. He is comparing students' performance at university with their high school records. He began his study with students who entered the commerce program in 1988 and has found that a large portion of them are now switching from full-time to part-time studies. Possibly because of financial stress, students are reducing their workloads and taking more time to finish their degrees. Dr. Dixon hopes to find out if the current commerce program is structured properly for these students. He wonders if the program should be adapted to the extended time students spend at school. He hopes this research



**Dr. Paul Dixon**

will lead to a review of the admission policy and give professors in the program better information on how to advise incoming university students. "My hope is to provide better advice to students. We are not as well-informed as we ought to be... We need to arm ourselves with up-to-date, fact-based information. We want to be able to tell the students what to expect at university and where they may have problems."

Dr. Dixon has no plans to throw his hat into the ring for the deanship. At the end of his term, he will take a long-awaited sabbatical.

**Dr. Clive Elson replaces Dr. William Jones**

## Acting science dean will maintain momentum

by **Anne West**

It was a shock to everyone on campus to learn that Dean of Science Dr. William Jones was leaving Saint Mary's to become Academic Vice-President of the University of Windsor. In his two years on campus, Dr. Jones has given new momentum to the science faculty and begun several important initiatives. He leaves the University at a time when the alignment of universities in Nova Scotia is under review and the location of some science programs is also being discussed.

Dr. Clive Elson, chemistry department, is stepping into the breach. Asked why he decided to accept the position of acting dean, he says, "I feel that you need somebody who is seriously dedicated to science at Saint Mary's to take the helm until the new dean is appointed, which will not be until next July."

Dr. Elson sees himself with a dual role, to protect the science faculty at Saint Mary's from any erosion of its position and to consolidate the initiatives started by Dr. Jones. He says, "I have served on the Board of Governors and the Budget Committee and I was a member of the Committee on the Future of the University in 1988." He believes that this and other roles he has played on campus give him an insight into the working of the whole institution which

**Dr. Don Naulls**

## Political science prof appointed new associate dean

Arts students at Saint Mary's are seeing Dr. Don Naulls in a new position this fall—he has been appointed associate dean of arts. Dr. Naulls arrived at Saint Mary's in 1986 with previous teaching

experience from McMaster and York universities and received his PhD in 1988 from York University. His teaching areas include Canadian government and politics and public policy and administration. His research is in the study and analysis of central government agencies in Canada, the United States, Great Britain and Australia.

Describing the role of the associate dean, Dr. Naulls says "My focus is mainly on the student body. I am here to make sure that Arts students understand the regulations and fulfil them. Students who have not chosen their major can come to me for counselling about what they have to do in the various major areas. In addition, all students who run into difficulties should contact me to find out what the University can do to help them."

The associate dean also supervises registration in the arts faculty and is responsible for making sure that students fulfil their course requirements before graduation.



**Dr. Don Naulls**



**Deans outgoing and incoming! L to R: Dr. William Jones chats to Dr. Clive Elson at a reception for Dr. Jones held August 20.**

will enable him to perform effectively in the dean's chair.

Suggestions in current 'rationalization' discussions that the number of universities offering geology and engineering be reduced bring out strong feelings in Dr. Elson. He believes that Saint Mary's has administered its education program so well that it deserves not only to become the home of the combined business school, which is a major factor of the negotiations, but also to retain all of its science programs.

Referring to Dr. Jones's initiatives, Dr. Elson says, "Bill has started two excellent programs, the new Centre for Environmental Science...and the Co-operative Education Program." He believes in both and says, "I hope that the Centre will soon produce a bachelor

of environmental science. It is very timely...there is a demand for such programs."

Dr. Elson's reasons for supporting the co-op program are many, and he says, "Enrollment in science is down all across the country. Demographics predict that by the end of the 90s, we will be seriously short of scientists." He believes science must be made more attractive to students and says, "Co-op programs may do this because students get their way paid through university, to say nothing of the job experience and letters of reference they obtain. In addition, working in an industrial setting brings home the relevance of science." During his deanship, Dr. Elson hopes to encourage other departments in the University to become involved in the co-op program.

If time permits, Dr. Elson would also like to work with his fellow deans in the region to tackle another deep-rooted problem. "High school students are not well-prepared to pursue post-secondary level science," he says. "Not because the curriculum is at fault...but because of the present philosophy of high school education." He believes that students in high schools learn scientific material for tests, then pass on to new material without consolidating what they have already learned. "This does not work," he says. "Science is a building process. You have to lay the foundation and add each year, always using the material learned."

**S**IXTEEN ENGLISH teachers from Quebec spent a month at Saint Mary's during the summer. They came to improve their English and experience Maritime culture. They did this through the Teaching English as a Second Language program, and their teacher was Barbara Davison. Peter Duffy, a reporter at the Halifax Herald, was a "buddy" to one of these students. He expressed his feelings about the experience in a column which is reprinted here courtesy of the Chronicle-Herald and the Mail-Star. An interesting but sad comment on the project.

## Is Quebec really getting ready to leave?

**T**HE ROAD to separation is paved with good intentions. I've ached to be loved these last few weeks. I've needed to be told I was wanted. Assured that I wouldn't be jilted. And then reassured. But it didn't happen. For the first time, divorce suddenly seems a possibility. And I'm left feeling sad. Empty.

I'm talking about Quebec. About my recent experience with a group of Quebecers. About losing my long certainty that all would be well. For the first time, I realize that Quebec may leave.

For the last four weeks I've been a "buddy" for an English-language immersion program at Saint Mary's University. A dozen or so teachers from Quebec were in Halifax to improve their English. The call went out for locals on whom they could practise after dark. I volunteered.

I like to meet new people. And I saw it as a chance to do my bit for national unity. I needed to show Quebecers that an anglo, so you'll love me and we'll stay married. No, I didn't see that as naive. It

seemed like something positive I could do. So I spent a few hours a week, with several Quebecers. Letting them speak English to me. Showing them the sights. Having Fun. Showing caring. Being very non-political. Becoming friends. Exchanging addresses. Learning how to hug and cheek-kiss.

And this week the course ended. So I thought it safe to touch on things political. Hungry to hear them tell me that, yes, maybe they came as separatists, but they were going home federalists. A small victory. To make Canada stronger and me feel good. Selfish? Sure. So?

It didn't happen. Four of my five buddies came to Halifax as separatists—and were leaving the same way. Them unmoved. Me unloved.

They told me of disappointments. Of how anglos don't seem to want to make an effort to learn French. Of the apparent "self-sufficiency" of anglos. How everything adds up to nothing for Quebecers.

"When I go to an English province, I feel like a stranger," said Denise. "It's not my country. I'm like a guest."

"So what if separation occurs," she said. "Quebec won't disappear. We won't take it to heaven with us. We won't dig a ditch around it. We will still be the same Quebecers. You will still be the same anglos."

She suggested the Maritimes could join with a separate Quebec, which rocked me. I'd never considered that option before.

"I'm not anti-anglo," said another woman, "I am anti-Canada." I wondered whether she realized that to destroy one was to destroy the other. And even the one non-separatist, who had enjoyed her Nova Scotia

experience, hesitated.

"If there is another referendum," she said, "if I can feel that anglos don't want us...well, I'm a Quebecer first."

Pierre was on his fourth English immersion course. His sense of identity had not changed. "I am from Chicoutimi first, then I am a Quebecer, then I am a Canadian." "When you talk with anglos here," he said, "people want us to

stay in Confederation. But you must give us something to stay. Meech Lake was the minimum. We asked for five little things. We didn't get them."

"I know anglos," he added. "It's easier to deal with Americans than Canadians. If you go south, what's up north does not bother them. You can talk with no prejudices or anything else. But if you deal with someone from Ontario, or from Saskatchewan, they will be really polite, but then, when we start talking deeper, we touch roots. They say, 'Oh, Quebec has had too much from the feds. We are paying for you.'"

I shifted uncomfortably. Had I just seen myself in the mirror that Pierre was holding? Hadn't I been employing a similar two-faced approach these last four weeks? I suspected so. And I suspected Pierre suspected so, too.

So the teachers have returned to Quebec. And some of them want me to come and live there for a while. I may, one day. If I can remember where I put my passport. And if the exchange rate isn't too high.



These are the French teachers who studied at Saint Mary's. Barbara Davison is second from the right, front row.

## Rashid Tayyeb has brought intense

# Hard work turn

by Anne West

**A**T FIRST GLANCE, Rashid Tayyeb's garden on Elm Street emits a glow of health—the horticultural equivalent of a wet nose and a shiny coat! The grass appears greener than the neighbors, the plants look bigger, even the sun seems to shine brighter. There are flowers, a herb garden filled with everything a gourmet cook could require, and vegetables galore. Dig deeper and you discover the philosophy and the hard work that have produced this mini-Garden of Eden. Rashid, who is Head of Technical Services of the Patrick Power Library, came to Canada from Pakistan in 1961. In both his private and professional life he is a personification of the old saying, "Waste not, want not."

Not long ago, Rashid received a T-shirt from CBC radio's "Information Morning." It was awarded for a water conservation tip for small back yards. He suggested that listeners, "Fill a two-litre plastic bottle with water and stick it a few inches into the earth. It takes two to three days to seep out and you have an inexpensive drip

... the horticultural

equivalent of a wet

nose and a shiny coat!

system, and you are also recycling plastic bottles." "This way," he says, "I do not have to water lavishly, I can take a handful of water to individual plants."

In the Tayyeb household, it doesn't really matter that the City of Halifax has not yet got around to recycling plastic containers. In addition to the irrigation systems, yoghurt and ice cream pots are used for seedlings and young plants and, says Rashid, "I cut the bottoms off plastic things and use them as hot houses to protect early plantings."

The garden is a joint venture between Rashid and his wife Paule. She looks after the flowers, but his real love is the vegetable plot, what he calls his "Victory Garden." Indeed, the whole garden is a

"I bet if you asked most students who their favourite

## Paula Kinsman

by Anne West

**"H**ow's Paula?" is a question that Dr. David Leitch gets asked in Ottawa, in the United States, whenever he meets someone who has visited the Atlantic Centre of Support for Disabled Students. "It doesn't matter who they are," he says, "they always ask 'How is Paula doing?' she makes friends so easily."

Paula is the secretary of the Atlantic Centre since it opened in 1985. She is from Halifax and attended Saint Patrick's High School. Her first job was working for Sears, replacing her mother in the complaints department for the summer. Then she worked as a "temp" before settling down with an insurance company for two and a half years. Next she tried a number of different jobs, but by 1985, was ready to return to secretarial work.

She was interviewed for the job in the newly-formed Atlantic Centre by Dr. David Leitch, Keith Hotchkiss and Jane McCarty. Centre director Dr. Leitch says, "Her secretarial skills were average, but there was something about her that ran a lot deeper. You could get the best secretary in the city, but she would not have the personal concern that Paula has for students. We sure made the right choice."

The Centre started with 10 students and now there are over 100 people with disabilities studying at Saint Mary's. Everyone who works there has had a share in its development but Dr. Leitch says, "Without Paula it could have been much more bureaucratic. There is always pressure from the government to place some of the

emphasis on the paper chase and the technical aspects of the service." In fact, sometimes the paperwork does get a bit behind, but David adds, with a wry smile and a shrug, "Think of the amount of typing that people do and what happens to it. You cannot file away a request from a student for a little bit of attention. Sometimes our students need someone to talk things over with, and Paula has been that person." In fact, the area surrounding Paula's desk has become a drop-in centre for students and last year comfortable seating was installed. Paula is the first person students meet and, says Dr. Leitch, "I bet if you asked most students who their favourite person is on staff, it would be Paula."

Paula provides more than conversation for the students. She says, "I have helped with hearing aids, brushed hair, helped people take pills, and helped them when wheelchairs have broken down." Dr. Leitch points out, "Some of the requests are of a very personal nature. Some people who are not trained in the health care system might feel uncomfortable with them, but if it has to be done, Paula does it."

After six years, the people who work at the Centre are a close knit team. Rehabilitation counsellor Barry Abbot, who shared what is now the photocopying room in the Student Services offices with Paula before the Atlantic Centre got its own space, knows that she is afraid of spiders and has been known to put a nasty rubber one on her desk. Barry is blind and knows the sensitivities of people with disabilities. He says, "She used to bug me because she was too motherly, fixing people's clothes, getting them on the elevator, making sure they got

**se cultivation methods into his tiny garden**

# rans city lot into Garden of Eden



**Rashid Tayyeb with his Info. Morning T-shirt and some of the fruits of his labours**

victory of sorts. When Paule and Rashid bought the property in 1982, what is now the side lawn was a truck park and the vegetable plot was a pit, because the previous owners took the topsoil with them!

The vegetables are contained in an area not more than 30ft by 10ft, but productivity is intense. "Last year I harvested about 200 lbs of onions," says Rashid. "This year almost as many. The same thing with tomatoes, peppers, beans, peas and the things we like. I do not grow anything that we do not eat. We are not into cabbages." Unlike George Bush, however, they are into broccoli. Rashid harvests the centre stems, then allows delicious side shoots to develop, so the plants produce for several months. He also grows fiery peppers for use in his special curries.

Each section of the garden is expected to produce more than one crop. In spring, two rows of snow peas go in, with lettuces between them. When the lettuces have gone, broccoli is planted between the peas, ready to flourish when they are uprooted. The

onion bed is harvested in early September, then a final crop of spinach goes in, which provides fresh greens until November.

Compost is Rashid's secret weapon. He has two simple composting systems and says, "I do it religiously. Leaves, kitchen refuse, weeds, even stuff from the neighbors, all go in. I am a totally organic gardener and do not use any pesticides." He also believes in mulching, or covering the earth round plants to conserve moisture and prevent weeds and manages to introduce an element of recycling into this process. He says, "After I have used newspapers as frost protection, I crumple them up and put them around plants, especially in the early stages. Later on, I cut them up and compost them." In winter he protects his tender plants with a mulch of leaves.

Rashid likes his garden tidy, but loses one battle. "It is all neat, except for the damned zucchinis," he says. "No matter how few you plant, you always have too many." Nobody at the library minds this, however, because Paule's famous zucchini bread is always welcome during coffee break.

Everything lives in harmony in Rashid's garden. There are herbs and flowers specially planted to provide nectar for the insects and humming birds and the larger birds enjoy a feeder. Garfield, the aging feline, merely glares at the birds and has learned to take his nastier garden habits beyond the family fence. Two of the trees, an ancient crab apple and a poplar, are not responding well to the attentions of the tree surgeons and may have to be cut down. "But I haven't the heart," says Rashid. He uses the same phrase about the huge sunflowers that steal light from his vegetable plot. The seeds were dropped by the bluejays who haunt the nearby feeder. Neither did he have the heart to root out the one pumpkin plant that appeared in his crop of zucchinis, so the Tayyeb family will proudly display home grown pumpkins this Halloween.

Like all proper gardeners, Rashid shares tips with his friends. He has some advice about Nova Scotia's acid rain. "In spring and fall I put a bit of lime on my garden, I put it in my compost too. In Nova Scotia every gardener should have a bag of lime."

**te person is on staff, it would be Paula."**

# n: friendly face at Atlantic Centre

out, going down and getting them something to eat, even helping them to eat." But he adds, "I must admit that I feel lost if she is not in the office." In a true tribute to a colleague, Barry says, "Paula is definitely a people person, she puts others ahead of herself at all times...in the workplace, on the way to work, or in the grocery store." He adds, "I do not think she has ever become surly with a student, although in any office there are people who are demanding, and when there are health needs, people sometimes become even more demanding."

When Paula first came to Saint Mary's, she says, "The focus was on deafness. It was not until a year later that other disabilities became more part of the Centre." In 1988 the University started its now-suspended Visual Language Interpreting Program and Paula began to learn American Sign Language. Dr. Leitch says, "She has become quite a fluent interpreter. We never told her to learn sign language, but she did, and she uses it all the time. Sometimes she interprets at staff meetings." Paula has watched the use of sign language grow and says, "Two of the deaf students were in the first sign language class with me. Most of the deaf people who come in use sign language now."

Many of the students who use the Centre have communication problems that call for skills other than sign language. Referring to Penny Kitchen, a student with severe cerebral palsy, Paula says, "Penny uses her eyes, and I have learned to communicate with her over the years."

Sign language is not the only thing Paula has learned since she came to Saint Mary's. "In 1988," she says, "I decided to take courses because students were coming in to



**Paula Kinsman**

have their exams taped, and I didn't have a clue what I was reading...I did not understand the terminology." This year she is taking her fifth credit towards a BA, and says "In April I'll be finished first year!"

The work of the Centre revolves round helping students cope with their academic programs. Joanne Hutchinson, who will graduate with a Commerce degree in May, says, "Paula will bend over backwards to help you...If you want an idea of what a professor is like, Paula knows." She adds, "When I first moved here Paula was specially helpful, both on and off campus. She was great in helping

me set up my apartment, and she is a good one just to talk about things in general."

Leigh Derry, a fourth year political science student, says, "She has been really helpful in pointing me in the right direction and kind of manoeuvring me around the University."

Heather Nelson, who graduated in May, is a Paula fan too. She says, "Some people treat you like you are mentally as well as physically disabled. Paula is not like that...she makes you feel you are worth something." She describes how Paula helped her by putting essays on the computer, checking spelling and in countless other ways and adds, "Paula knows how to cut through red tape at the University...and she is very good in emergencies."

In five years Paula has known a lot of students. "I have built relationships with some of them," she says. "It is great to see them graduate, but it is hard to see them leave." One of her special friends and a regular visitor when she's home is Deborah Robar, the deaf student who was Valedictorian at the 1988 Convocation, then went on to do a masters degree in deaf education at the University of Alberta, and may soon start a PhD.

Paula enjoys watching the students become more confident. She says, "Sometimes they are very shy when they come. They

may have had itinerant teachers to help them all through secondary school...here there is nobody to make sure their notes are done and that they make it to exams. They are adults now and have to take responsibility for their own education." She explains, "The first year is always hard. They are not sure of us and not sure of the University. Eventually they come out of their shells and we see them maturing."

Paula does have a life beyond the Atlantic Centre. At home she loves to do crafts, especially knitting and crochet. For many years she has been fascinated by Australia and, asked what her ambitions are, she says, "Strictly for myself, I would like to do a bit of travelling. I'd love to go to Australia. I'd like to take a whole month and go all over, even to the Outback."

**Thank you Xerox!**



**Greg Jones, Atlantic district manager, Xerox Canada Inc. was on campus recently to hand over the final installment of the \$30,000 pledge the company made to the Atlantic Centre of Support for Disabled Students. L to R: Dr. David Leitch, Greg Jones, Dr. Kenneth L. Ozmon**

# Chemistry student wins national research grant

Karla Rendall, a second year chemistry student, was "amazed" when she received a phone call in June at her home in Gander, Newfoundland. The call was from Isabel Gingras of the National Research Council (NRC) Training Program for Women in the Sciences, based in Ottawa. Karla received the news that she was chosen by the Bio Technology Institute in Saskatchewan to spend the next three summers working on a plant growth hormone at the Institute, fully funded by NRC.



Karla Rendall

Karla heard about the program from her father who is a guidance counsellor at Gander Collegiate. Encouraged by her chemistry professor Dr. Melbourne Shriver, she sent in her application, then waited for a reply. She was pleased to be chosen by an institute which specializes in biochemistry since this will be her major.

She will be working with Dr. Suzanne Abrams for the next three summers gaining experience in her chosen field. Karla is looking forward

to the increased responsibilities she will gain over this time. "I am really hoping to be a well-trained scientist by the time I'm finished and this can only help me in my education," explains Karla. "I'm hoping to be able to use my research for a thesis in my honors year."

The National Research Council will pay Karla an increasing stipend over the next three summers while she completes her research.

## Former SMUSA head wins award

Sanjeev Chowdhury, president of SMUSA in 1989-90, and the Commerce society in 1988-89, recently received the top award of the American Graduate School of International Management in Arizona. Sanjeev, who was doing his MBA in Arizona on a one-year, all-expenses-paid Rotary Scholarship, was this year's recipient of the Barton Kyle Yount Award, named after the founder of the school. It is given annually to a graduating student on the basis of scholarship, accomplishment and character.

Sanjeev is returning to Halifax to begin a business account management training program with the Royal Bank.

## United Way goal: \$22,000

Count your blessings, then save a few of your loonies for the coin parade which kicks off Saint Mary's United Way Campaign on September 18. Campaign chairperson Kim Squires aims to stretch loonies (and other coins!) from the Student Centre to the Patrick Power Library. The main focus of the campaign will be individual requests for donations from faculty and staff but, in addition, there will be an oriental luncheon in the Courtside Lounge on October 10.

This year's United Way slogan is "Count your blessings," and Saint Mary's goal is to raise \$22,000 to help the 51 agencies in Metro which are funded in part by the United Way. Through the work of a few of these agencies over 600 meals per week are provided for needy children, more than 20,000 meals per year are delivered to the elderly and shut-ins, 40,000 calls for help are answered and 55,000 units of blood are collected for transfusion.

One of the aims of the United Way committee on campus is to increase participation to 50 per cent, from the 47 per cent level reached last year. Kim is confident the Saint Mary's community will once again exceed its goal. "Despite the wage freeze, I believe Saint Mary's people do count their blessings and are genuinely anxious to help people less fortunate than themselves," she says. "I know they will pitch in and help."

## Retirement

Saint Mary's said "Thank you" and "Goodbye" to three loyal employees on June 26. Pauline Fougere (switchboard operator), George Tibbo (chief stationary engineer) and Frank Gerbaz (maintenance), were honored for their total of 85 years of faithful and dedicated service. L to R: George, Pauline, Frank



## Now in its fifth year

# Teens get a taste of campus life with Mini University

Mini-university brought in 40, 10 to 15 year olds from Ontario, Newfoundland, Nova Scotia and even Massachusetts, for each of its two week-long sessions this year. According to Kathy Mullane, coordinator of the sessions, the majority of participants were between 14-15 years old. "This is a change from other years when the majority of our participants were younger. It shows that older kids are eager to learn what it will be like when it's time for them to go to university."

Mini-university is an opportunity for boys and girls to experience a hands-on academic program combined with fun physical activities. It introduces them to the university environment through courses taught on the Saint Mary's campus. The subjects for this year's mini-university were psychology, business, anthropology, computer science and physical education.

An important part of organizing these courses is getting Saint Mary's students to teach the subjects. Kathy explains that there is one "teacher" who has been with the program all five years. "Linda Smith came to us for summer work experience as a student from Prince Andrew High School in Dartmouth. During this past session, she actively helped pull the program together." These student teachers are in charge of making sure that their "students" don't just sit taking notes. "We want them to be actively learning,"

explains Kathy. "Participants watched the stock market in their finance course, went on digs in anthropology and watched each step in the process of producing bread at Ben's bakery for the business course."

In the physical education course, students were exposed to areas in which they would not normally be involved. They watched, and in some cases took part in squash, fencing, tai kwon do, weightlifting and swimming.

Kathy adds, "I want to give a special thanks to Patsy Calbury of Athletics and Recreation for co-ordinating the telemarketing, registration and bookkeeping for mini-university. Mini-university is a real team effort."

## Dr. C.H. Reardon Health Centre

4th floor, Student Centre

Available for faculty and staff as well as students. Provides the same service as your family doctor, including referrals to specialists

Open 9:00 am — noon,  
1:30 — 5:00 pm  
For appointments: 420-5611

# Smoking update

### Student Centre

- Gorsebrook Lounge
- Games Room
- Cafeteria (smoking-permitted area only)
- Alumni Lounge (except 9 am to 5 pm Monday to Friday, unless otherwise indicated)

### McNally Building

- Designated areas of staff, faculty and student lounges
- A section of the Theatre Auditorium lobby

### Loyola Academic Complex

- Tim Horton's, Grab 'n Go (smoking-permitted area only)
- Designated areas within student lounges
- Open lounge area on the south side of the 2nd floor
- Open lounge area in the north east corner of the 2nd floor
- Residence Cafeteria (smoking-permitted area only)

### Burke Education Centre

- Part of the first floor lobby
- Designated areas of student and staff lounges

### Arena

- Part of the lobby

### Smoke-Free Buildings

- Science Building
- The Tower

Two changes have been made to the University's smoking regulations over the summer. The student lounging area in the outer lobby of the Patrick Power Library has become a "no-smoking" area because it was discovered that it could not be adequately ventilated. In addition, a new, ventilated, "smoking-permitted" area has been created for staff in the lower level of the McNally building, next to the canteen. The staff lounge is now a "no-smoking" area.

Saint Mary's smoking policy came into effect in September 1988. It prohibits smoking on campus except in designated areas. All classrooms, seminar and meeting rooms are designated "no-smoking," as are public areas like hallways, stairwells, elevators, washrooms, waiting rooms, shared offices and copier rooms. In addition, there are five totally smoke-free buildings on campus.

Private offices may be designated "smoking permitted" by their occupants. All other designated smoking areas are identified by a green "smoking-permitted" sign.

The Smoking Policy applies to all faculty, staff and visitors to the University...please help to ensure its success.





The President hosted a Capital Campaign Appreciation Dinner in June. Seen here (L to R), Mrs. Elizabeth Ozmon, Mr. Bill Mingo (campaign chairman), Mrs. Edith Mingo and Dr. Kenneth L. Ozmon. The 1984-89 campaign raised \$14 million for Saint Mary's.

## People

### History

"German business in Latin America and the Latin American deutschturns, 1815-1945" was the title of a symposium organized and conducted by Dr. G.F.W. Young at the 47th international congress of Americanists at Tulane University in New Orleans, July 6-11, 1991. Dr. Young also delivered his paper "German banking and German imperialism in Latin America, in the Wilhelmine era" during the conference.

### Geology

Dr. Jaroslav Dostal was recently appointed to the awards committee of the volcanology division of the Geological Association of Canada. Dr. Dostal (with Dr. S. Capedri of the University of Modena) has been awarded a research grant from the National Research Council of Italy to

study the geochemistry of niobium in some igneous rocks.

### Student Services

Sarah Morris recently received the Canadian University and College Councelling Association professional development award. This award will fund a communications skills training manual for volunteers with the Peer Support Program.

### Management Science

Dr. Harvey Millar presented a paper entitled "An interactive approach to nurse-shift scheduling" at the Optimization Days Conference in Montreal, May 1991. He also offered a one-week seminar course (with Dr. Pemberton Cyrus, TUNS) on "Computer simulation of industrial systems" at the University of the West Indies in Trinidad. The course was part of a CIDA-funded technology exchange program. Dr. Millar has recently received

## Publications

### Biology

Dr. Alfonso L. Rojo has recently published an article entitled "Fauna analysis of fish remains from Cellar's Cove, Nova Scotia" in *Archaeology of Eastern North America*, volume 18, 1990, pp. 89-108.

### Management

Dr. Hari Das published an article entitled "Nature of managerial work in India: a preliminary investigation" in the June 1991 issue of *ASCI*

*Journal of Management*, Vol. 21, pp. 31-40.

### Physics

Dr. Dangety S. Murty recently published the following two books: *University Physics Laboratory Experiments, Revised* (S. Chand & Company Ltd. 1991, Ram Nagar, New Delhi) and *Atomic Physics*, with co-authors V.L. Narayana & S.B. Raju, (Tata-MacGraw-Hill Publishing Co. 1991, Asaf Ali Road, New Delhi).

Dr. Murty also published two articles in the *South India Cultural Association of the Maritimes, Halifax magazine, Udayam*. They were titled "Temples of India"; vol.3, no.1, 1990 and "Hinduism and moral aspects of the AIDS problem"; vol.3, no.2, 1990.

### Finance and Management Science

Dr. Harvey Millar published several articles this summer. They included: "Dispatching

fishing trawlers to meet tactical demands", with Dr. Eldon Gunn (TUNS), and "A hierarchical planning structure for an integrated fishing enterprise: a tactical level linear programming model", with Dr. Gunn and Sandra Newbold (TUNS). Both were found in *Operations Research and Management in Fishing, NATO ASI series, Vol. 189*. Also with Dr. Gunn, Dr. Millar wrote "A simulation model for assessing fishing fleet performance under uncertainty", in the *Proceedings of the 1990 Winter Simulation Conference*.

Papers entitled, "A model for planning, harvesting and marketing activities for integrated firms under an enterprise allocation scheme" and "Dispatching a fishing trawler fleet in the Canadian Atlantic groundfish industry", were published by Dr. Millar in the *European Journal of Operational Research*.

a grant for the computer software SLAM System. SLAM System will be used to teach a new MBA course in computer simulation of industrial and business systems during the winter term.

### Physics

Dr. Dangety S. Murty organized a symposium (with Dr. Sankar, Dalhousie University) on "The life and teachings of Sri Sathyasai Baba" at Dalhousie University. At this time, he also gave a talk on "Sanathana Dharma—Unity of Religions". At Saint Mary's, Dr. Murty gave a talk on "The Gulf—Hindu Religious Perspective".

### Sociology

Dr. Chris McCormick begins a two-year term at Saint Mary's in September. He will teach courses in the Criminology Certificate program and the Sociology program. Dr. McCormick's research focuses on violent crime in the media, specifically its relationship to gender.

### Geography

Dr. Peter Ricketts organized a session on "Undergraduate research at small universities" at the Small University Research Conference held at Trent University, Peterborough, Ontario in May. He also presented two papers at the conference. They were "Undergraduate research opportunities programme" and "Communications in research at small universities". Dr. Ricketts also represented Saint Mary's at the annual meeting of the Canadian Association of University Researchers. At a July Coastal Zone 91 conference in Long Beach, California, Dr. Ricketts chaired a session on "Computer mapping and geographic information systems" and also presented a paper entitled "Managing information for regional coastal management in the Gulf of Maine". "International co-operation in managing resource and environmental information in the Gulf of Maine" was the title of a paper Dr. Ricketts presented on behalf of the Marine Geography Commission of the International Geography Union at the Universidade de Santa Maria at la Rabida, Spain.

## A geological sabbatical

by Ursula Grigg

Dr. Qadeer Siddiqui spent his sabbatical year researching ostracoda, a group of pepper-grain sized crustaceans that form elegant fossils which are used by geologists as keys to interpreting past environments.

As a change from sabbaticals spent in other universities, Dr. Siddiqui remained in his office, consulting with prospectors using his monographs of Pakistani and East African Tertiary ostracods in exploration for fossil fuels.

In July Dr. Siddiqui attended the 11th International Symposium on Ostracoda. This was held in Australia, where the different course of evolutionary history is obvious from the first breath of air; eucalyptus, not conifers. He and research associate Ursula Grigg presented a paper on Nova Scotian brack water ostracods.

It is traditional at these meetings to take geological excursions with tourist interest, so the party visited a state park with a rugged volcanic landscape, koalas, a kangaroo caught in a suburban garden, and emus munching picnic lunches. Later they visited lakes which dry out in summer, depositing salt and other chemicals. The waters are beautifully colored according to their chemistry; pastel blue or green, deep blue, or silver, in a surreal landscape. Some permanently dry lake beds contain chunks of bituminous material which burn, the beginnings of oil patches. Geologists believe Nova Scotia looked the same 350 million years ago.

The geologists also visited the coastal sites of kitchen middens left by aboriginals, who camped there seasonally, as Micmac Indians did in Nova Scotia. In addition, Dr. Siddiqui visited the South Australian Museum in Adelaide, which displays a glimpse of a 700-million year old Precambrian shoreline, complete with fossils from local red sandstone hills, including jellyfish, worms, leeches and creatures unlike anything seen since. "Seeing the span of life from Precambrian to the present in this way puts human activities into perspective and brings urgency to research," says Dr. Siddiqui.

## Royal Trust contribution

Michael Cornellissen (L), president and chief executive officer of Royal Trustco Ltd, was on campus in July to meet Dr. Kenneth Ozmon and the vice-presidents of the University. Royal Trust made a generous contribution to the 1984-1989 Capital Campaign.



### Keith Vaughan — photographer extraordinaire



While a devoted chemistry professor at Saint Mary's University, Dr. Keith Vaughan readily admits that his first love is photography. His hobby gets him out of bed ridiculously early on glacial winter mornings to capture the dreamy effects of 'seasmoke,' or low-lying fog, on Halifax Harbour at sunrise, and it has taken him around the world to shoot pictures, judge competitions and speak to photographic clubs.

The past year has been a particularly gratifying one for Vaughan. While winning the Photographic Guild of Nova Scotia Photographer of the Year award for the third year in a row and being named the first winner of the Tim Randall Award for Pictorial Photography, he also won several national and international awards. These included the gold medal of the photojournalism division of the Photographic Society of America (PSA) for the second year in a row. His 1990 winner was Gondolas and in 1991 he won with A photographic workshop in Death Valley. He has been listed in the PSA's "who's who" of photography for several years, and in 1990 and 1991 he made the photojournalism top-ten-in-the world list.

Vaughan has recently developed a keen interest in sports photography. The photo (above) was taken at Martock in 1988, and has been displayed at international exhibitions in the United States, Argentina, Belgium and Canada.

## Radio broadcasts in China helps listeners learn English

# China Program creates radio vignettes

by Claudine Laforce

"This is the story of Terry Fox, a brave young man who will be remembered forever by Canadians. Terry grew up in British Columbia where he was..." To any Canadian listener, this would sound like a commemorative vignette about one of Canada's heroes. And so it is, but the piece has been produced for a unique reason. Saint Mary's University, in conjunction with Radio-Canada International (RCI), recently developed a series of 80 half-hour programs to be broadcast throughout China beginning October 28, 1991.

While the primary purpose of these programs is to facilitate English learning, the content of each also conveys information about Canada. According to Dr. Rick Miner, Director of the China Program, the first half of these broadcasts are entities in themselves. "We wanted to produce a series of vignettes about Canada through its people, so we used prominent male and female Canadians in their fields of specialty. We also looked at different cultures and tried to balance the programs to cover various regions." The second 40 programs centre around two Chinese visitors who learn about Canadian society by making contact

with Canadians in various occupational and social settings.

The concept dates back to the late 1980s, when RCI contracted Saint Mary's to write the scripts for this new language program. At that time, the Canada/China Language and Cultural program (CCLCP) at Saint Mary's was gaining international recognition for providing English or French language

training to Canadian International Development Agency (CIDA) sponsored Chinese trainees in China and support for them after they arrived in Canada.

The tapes have two goals; to facilitate English-language learning in China where radio is very prominent

in the everyday lives of the people and to augment the curriculum of the Saint Mary's Canada/China program. An "incidental" spin-off is that, being broadcast in a country of over a billion people, they will raise awareness of Saint Mary's University throughout China.

"We also want to make sure that the listeners are able to recognize that Canada has some bad as well as good in its society," explains Dr. Miner. "We explore issues such as unemployment, discrimination and the expense and slowness of our political and legal systems. We want to present a balanced image of Canada, not simply all the wonderful things."

The broadcasts are aimed at the intermediate level of English training. This is compatible with the Canada/China Language Centre at Beijing Normal University (BNU), where Saint Mary's plans to use the tapes in their training programs.

### Arena managers graduate

The Certificate Program in Arena Management held at the World Trade Centre consists of three two-week courses over a three-year period. Pictured at their graduation in May with Bonnie Kirby, manager,

professional development programs, are, (L to R) Richard DeVenney (Digby), Chuck Judson (Halifax) and Rick Denison (Lunenburg).



## Summer construction program modest

This summer's construction program has been more a matter of making the best of what we've got than creating exciting new facilities. Financial restraint and the University's determination not to move into the nasty world of deficit financing have meant that the annual mess and noise have been less than usual.

Administrative Vice-President Guy Noël recently explained to The Times what work has been carried out this summer.

The largest project was a start on the energy management program, recommended by consultants two years ago. This project will cost \$1 million over two years, but lead to

long term energy savings. If you have wondered why the ceiling in the basement of McNally has been out for so long, it is because new steam lines have been run from the main heating plant in Loyola to the science building and the library. These buildings used to be heated and cooled from the boiler room in the science building, but thanks to the new system, it will now be possible to save energy by running only one plant in summer.

In addition, a central computer system will be installed to operate the heating and ventilation systems in University facilities, which means that areas can be shut off when not in use.

Other projects include reorganization of the Alumni offices, the renovation of a psychology lab, MM307, replacement of the entrance stairs to the Oaks and refurbishing of the wooden stairway in the Student Centre. In McNally the north wing stairwell has been altered at the basement level so that the door meets the fire code and some work has been done to cut down leaks. In addition, the ventilation system in the carpenters and paint shops has been improved. A survey of all the roofs on campus has been carried out, as a result of which, the University hopes to do further work on the science building during the coming year..

The ongoing program of renovations in the residences continued, with improvements to bathrooms and kitchens in Loyola, public areas refurbished, doors replaced and painting carried out.

## Print shop gets new equipment

The print shop has a new photocopier, capable of doing a much higher volume than the old one, and of stapling up to 50 pages. "This will be better for people who do not have a document feeder," says Valerie Dubois, director of administrative services. Because of this, the range of photocopying services the print shop can provide is being increased. Valerie adds, "If you need 20 copies or more of any one original we can do it, or if you have 20 or more originals, whether you want one copy or 100 copies." The print shop will also accept any print job for which the total number (originals times copies) is 200 or more.

Once the new system is in place, Valerie says "We will review it for several months and see how much of a volume change there is. After that we will reduce the minimum number even further if we can."

### New photocopiers on the way!

The University's contract for Canon photocopiers will soon be over and all machines will be replaced with Konicas. Director of Administrative Services Valerie Dubois says, "We hope to have the new machines in place by mid-October. Please be patient during the conversion!"

### 5,000 people slept here...

## Accommodation demands exceed conference expectations

More than 5,000 people from groups as diverse as the Kingussie Shinty Club of Scotland, the Canadian Junior Table Tennis championship and the American Society of Limnology and Oceanography chose Saint Mary's University for accommodation and meeting space during the summer months.

"We exceeded our expectations for the summer," said Wanda Harnish, acting co-ordinator of conferences and special events for Saint Mary's. "You could almost say we've had groups from all around the world."

The Kingussie Shinty Club stayed on campus during two different occasions as they toured the Atlantic region in a sport that combines lacrosse with field hockey. The American Society of Limnology and Oceanography spent a week on campus, booking almost

500 beds and conference room space while they discussed issues on fresh water and salt water plant and animal life, tidal zones and many other issues. Representatives came from the United States, Canada and Europe.

Other big bookers included performers for the Nova Scotia Tattoo, 300 beds, the Nova Scotia Special Olympics, 350 beds, the sorority Beta Sigma Phi, 400 beds, a national power cheerleading camp, 300 beds and the Atlantic Coast Games, 600 beds.

"We are now in the process of booking for future years and have groups tentatively scheduled for up to 1996" added Mrs. Harnish. "At present we have Musicfest 1992 scheduled to stay here and are working on the 1994 National Special Olympics."

## Where tradition meets the future

by Chuck Bridges

The funniest line of the 1991 Emmy Awards was when host Dennis Miller noted how great it was to live in the United States, "...one of the few countries in the world with a Communist Party."

The swift and remarkable changes taking place in the Soviet Union and in other parts of the world leave traditionalists gasping and trying to make sense of it all. The message is, "Central control doesn't work."

Corporations have realized this for some time and the successful ones have moved to spin-off subsidiaries. "Quality circles," and "total quality management," are new systems which seem to be working. Making them successful has meant a shift from central control to more independence for individual units.

So, it is ironic, when much of the political and corporate world is moving from central control to smaller and more flexible and responsive units, some institutions appear to be arguing for a centralist form of government.

The vice-presidents, deans and senior administrators of Nova Scotia universities have spent the last two months working on models of co-ordination for the university system. The discussions began two years ago, however, when university presidents promised to help rationalize the system within six months. Then there was hope of finalizing a rationalization plan by the end of 1991. Before this could be done, the presidents decided to look at the broader issue of the whole system of co-ordinating the universities. This was done in record time and the consultants hired to consider the question have released their report. (See page 1) The prime focus has been on finding a system of co-ordination which will work. There is little doubt that the current system has serious flaws. I

Saint Mary's position has been discussed at all levels of the University. Our proposal for a workable system with attention to "centres of excellence" and "regionality" reflects what faculty, staff, the board of governors and others believe is the best course, not just for Saint Mary's, but for the entire university system in Atlantic Canada.

Defending old-fashioned positions and looking to the past rather than the future does not work and is no longer acceptable to most people. A country of 286 million people has just rejected the idea. Will 13 university presidents do likewise?

## Hockey star wants education at Saint Mary's

From page 12

rink."

About his future, Paul is a bit unsure. "I've bought a house in Bedford and am busy working on that. Needless to say, I'll be staying here for a little while but I want to keep my options open. After the courses I took here this summer, I've completed about 10 credits towards my joint degree in marketing and accounting. Other than continuing this, I'm really



looking forward to working with Norm (McCauley) because he's so well-schooled as a hockey coach."

"The thing that I really want to stress

is the importance of getting an education. You can be a good hockey player anywhere (including small-town universities and colleges), and they'll find you, recruit you but it doesn't last forever.

Once you have a university degree, though, you have it for life. It can never be taken away from you."

### Zamboni replaces tractor

The Saint Mary's Alumni Arena is the new home of a 16-year-old Zamboni purchased from the City of Dartmouth. The Zamboni should improve ice conditions and its use of propane will cut down on pollution in the rink. Before this purchase, a gasoline-propelled tractor was used to clean the ice.

### Senator Mike meets youth reps



Senator Mike Forrester met representatives of Youth Action '92 at the Burnside Business Development Centre on June 26. The centre was chosen to manage Youth Action '92, part of the federal initiative to create summer employment for students. Senator Forrester is seen here with Saint Mary's alumnus Karen Bears, who managed the Dartmouth student employment centre this summer.

### Education prof to run for school board

Dr. John Haysom of the education faculty will run for office in October's Halifax School Board elections. Dr. Haysom hopes to represent the Halifax Mainland North riding, where he lives and where he has recently taken an active part in resisting the consolidation of junior high schools. He is the current vice-president of the Grosvenor-Wentworth Parent Teacher Association.

Asked why he is running for office, Dr. Haysom says, "I think it is time that the people in the street were listened to and responded too, and I think I can do that."

The October election follows the recent passage of the School Board Act and will see the creation of Halifax's first fully-elected school board.

### Wizards of Oz raise \$3,400



The Wizards of Oz, sponsored by Dr. Ozmon, led the Saint Mary's contingent during this year's Labatt's Lite 24-hour relay. The team ran 256 kilometres and raised over

\$3,400 for the Abilities Foundation. The Tower Limelights raised \$1,602, covering 230 kilometres and the SMUSA team ran for 200 kilometres, raising over \$1,500.

## Fall Sports Roundup

Saint Mary's teams are gearing up for the fall sports lineup. Training camp officially began on September 1st with both coaches and players heading to Huskies Stadium and The Tower. Here's a rundown of the fall teams.

### Women's Field Hockey

This year's squad looks very promising thanks to last year's large base of first year players; and the team has a lot to look forward to. Thanks to a volunteer committee including alumni Sue Uteck, Joan Langley and Marcia Kissner and staff Marjorie Sullivan and Kathy Mullane, Saint Mary's will be hosting the 1991 CIAU field hockey championship. This event, sponsored by IGA/Bolands, is the first ever sponsored CIAU women's field hockey championship. Mrs. Elizabeth Ozmon will act as honorary chairperson, Bruce Hopkins will be convenor of the event, while Registrar Elizabeth Chard will be tournament advisor. Team coach Jill Healy will also help out but will concentrate most of her energy on making her squad a winning one. As host of the event, Saint Mary's has an automatic bye into the championship.

### Football

This season should prove an interesting one for the Huskies football team and its fans alike. With the loss of quarterback Chris Flynn, the team will have to switch from an offensive system designed around his abilities. But this may just be the opportunity some of the veterans have been looking for.

Offensive back Sean Mongey should move to the forefront this

season with his strong running game. Offensive backs Anthony Williams, Calvin Scott, Derrick Matthews and Anthony Oxley should also play a more prominent role in this year's scheme as the Huskies prepare for a more balanced attack.

Defensively, the Huskies have always been strong but this year's team, which loses only one veteran, may prove to be the best yet with returning standouts Trevor Burke, Gus Karouzakis, Ken Walcott and Paul Tonet. They will be called on early in the year to come up strong while the offense searches to find its ground.

### Women's Soccer

The women's soccer team is back with Debbie Rowsell at the helm as coach. She brought the 1990-91 team to the AUAA finals last year where they lost to Acadia, the eventual winners of the CIAU championships. Suzanne Muir and Jeni Keddy, both 1990-91 AUAA and CIAU all-stars, highlight the list of 12 returning players and a strong recruiting drive brings some much-needed depth to the bench. According to Debbie, this depth is needed since the league is expected to be much stronger this season. Look for some tough games against Acadia and Dalhousie.

### Men's Soccer

Peter Wicha leads the men's soccer team into the 1991-92 season. Last year's team lost in the AUAA semi-finals to the eventual CIAU championship winners, Mount Allison University. Several senior soccer league players will return to the team this fall.

# M Sports

with Claudine Laforce

Paul Boutilier

## Hockey star seeks university education

by Claudine Laforce

What do the New York Islanders, the Boston Bruins and the Winnipeg Jets of the National Hockey League have in common? All three have had Cape Bretoner Paul Boutilier in their line-ups. But why is this so special? It is because Paul has given up his hockey stick for a pile of Saint Mary's textbooks for the next couple of years.

Paul Boutilier, winner of the best defenseman award in 1982 when Team Canada won the World Hockey Championship and a Stanley Cup winner in 1983 with the New York Islanders, has decided that "it's pretty slippery out there and anything can happen." He refers to the statistic that the average career for a professional hockey player these days is 3.3 years. "I was lucky. I achieved a lot in my days as a professional but I realized that I still needed an education." As he glances thoughtfully around the room, taking in the activity of 30 or so youngsters taking part in a Saint Mary's hockey camp, he continues, "I first got into professional hockey thinking that it would be great because the team I played for would pay for my education. As time went on, I realized that hockey was taking over." Never one to give up on his goals, Paul spent part of his off-season hitting the books, taking university courses towards a business degree. After playing the 1990-91 season in Switzerland, he decided it was time to settle down for a full-time education.

Why Saint Mary's? "Well, I checked around all the universities in the area. Basically, I was looking for a school that had a strong academic program in business but still held athletics in high regard. Saint Mary's was exactly what I was looking for." Paul continues, "I was impressed with the way Saint Mary's looked at education and sports. I knew Saint Mary's had the best commerce program around and I was pleased to be offered the opportunity to become an assistant coach to Norm McCauley and work under Susan Natrass."

"I think it's important for me to stress how important education is to young players out there. If you can't

learn something in the classroom, how can you learn on the ice?" About being a full-time student while helping coach, "I think it will be a great experience to be able to study with team members. We can build off each other inside and outside the

See page <None>



Tony Caldwell, Halifax Daily News



Preparing to return a shot during the Canadian Junior Table Tennis Championship which took place at The Tower from July 12-14, 1991.



Athletes enter Huskies Stadium to a standing ovation during opening ceremonies of the first ever Atlantic Coast Games.

## First ever Atlantic Coast Games

Athletes, officials, volunteers, sponsors and spectators packed into Huskies Stadium on August 15th to

mark the opening ceremonies of the first ever Atlantic Coast Games.

The Games were a unique gathering of approximately 1,500 athletes from Atlantic Canada, Bermuda and the eastern United States. They were developed by the Atlantic Canada provincial sport governing bodies to create a sporting festival for the Atlantic region, one which would include all levels of athlete participation.

According to Games Chairperson, Phil Arnold, these Games have produced a number of firsts: they are the first major Games where the governing bodies of each individual sport choose the age, sex and skill level of the competition which will best serve the development of their sport; they are the first fully integrated Games with able-bodied athletes and athletes with disabilities sharing the same playing fields, ceremonies, receptions and residences and; they are the first Games of this scope to be fully-funded by registration fees from the athletes and corporate sponsors.

## Local Pros at Camp of Champions

Local professional sport teams made guest appearances at each of the Camp of Champions this year. Nova Scotia Clippers goalie Shel Brodsgaard gave goaltending hints during the soccer camps while Mickey Fox, Milt Newton and Richie Spears of the Halifax Windjammers visited the basketball camps to hand out advice to the up-and-coming stars. In hockey, Mike MacPhee of the Montreal Canadiens, Halifax Citadel Jaroslav Sevcik, New Haven Nighthawk Ladislav Trelsl and new Saint Mary's student Paul Boutilier of the New York Islanders and the Boston Bruins, each took part in sessions during the four week-long camps.

A Saint Mary's tradition, the Camp of Champions has been going on for 20 years. The camps are designed for young players who wish to develop their skills in



A participant at this year's Soccer Camp of Champions juggles the ball; an exercise often used to teach ball control.

basketball, hockey and soccer. They are open to boys and girls from six to 18.

The 1991 summer lineup began with a two-session soccer camp, followed by boys and girls basketball, and closed off with ice hockey. All together, 600 children attended the camps. According to Camp co-ordinator, Bruce Hopkins, this was a fairly good turnout. "With the economy the way it is, I believe we had pretty good numbers for our camps. We want to improve our public service every year so we ask for comments from participants, parents and individual camp coaches. These comments are often very positive and we often gain helpful hints along the way." Bruce continues, "We like to hear how we are doing from all angles so that we can keep improving our camps from year to year."