



# Saint Mary's Times

Saint Mary's University, Halifax, Nova Scotia

July, 1992 • Volume 21 • Number 6

## How to beat the bugs

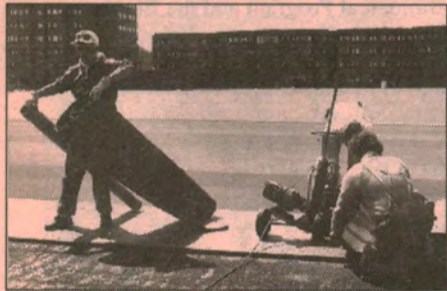
Without killing everything else

# 4

## One man, 899,900 votes

How the chairman of the political science department changed electoral boundaries in Nova Scotia.

# 3



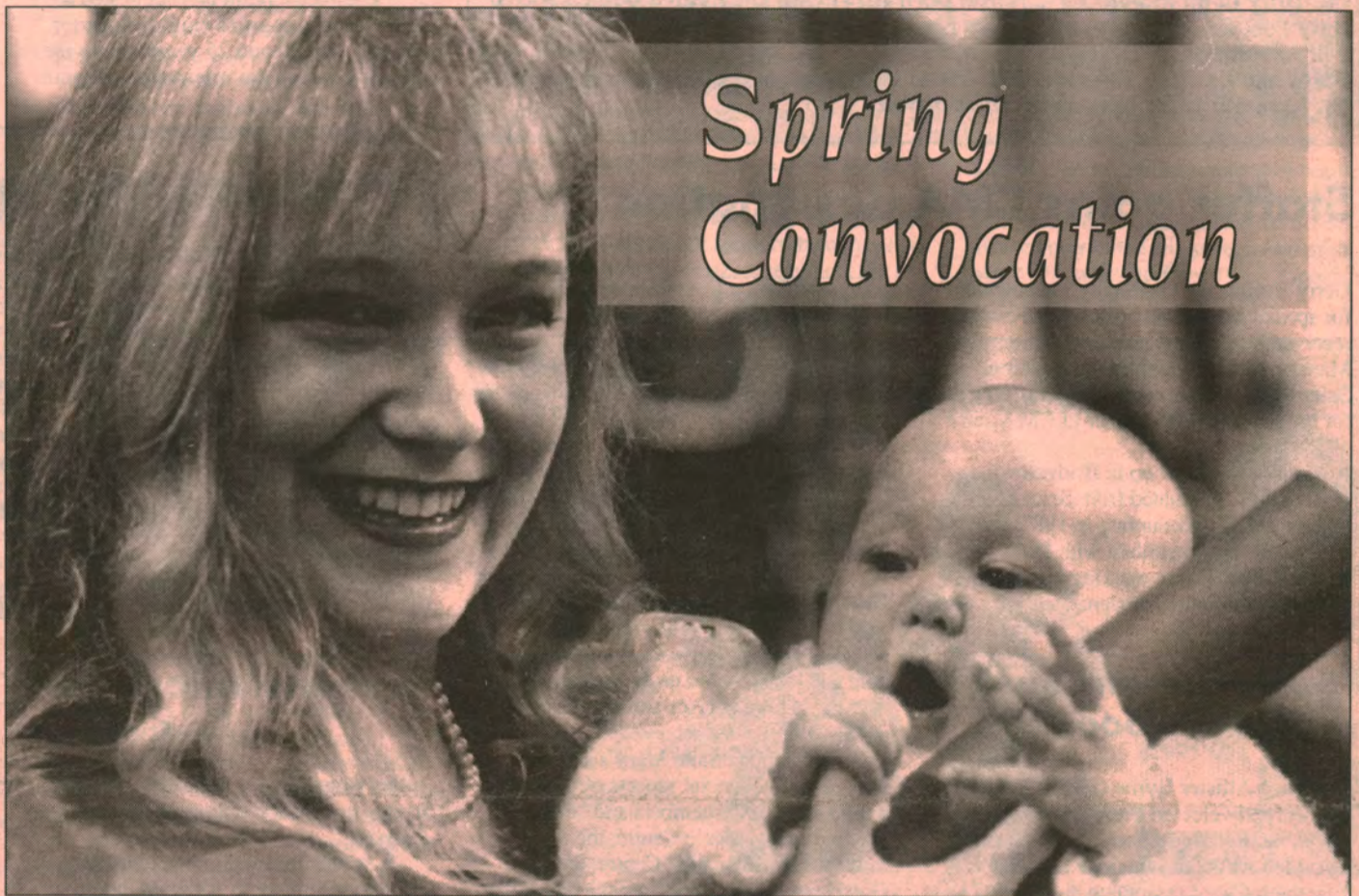
Sewing up the turf.

## New turf completed on time, on budget

After two months of work and \$1.4 million, Huskies Stadium has a new artificial turf. "Both the time frame and the costs stayed on target," according to Lou Dursi, director of Physical Plant. "Balsam Corporation were both the manufacturers and installers of the product which meant they started and finished the job."

Both Saint Mary's turfs were purchased from Balsam but this one has many advantages that were not available 10 years ago when the first turf was installed, according to Bob Caissie, co-ordinator of facilities and operations for the Tower. "The new turf has improved drainage, is made of better material and is

See page 2



## Spring Convocation

Four-month-old Jessica came to watch her mother Darlene Wood, of Hardwoodlands, Nova Scotia, graduate with a Bachelor of

Science degree.

Convocation stories and pictures, pages 4 & 5.

Peter Parsons, Clark Photographic

# Botanist named new science dean

## Three named to Accounting Hall of Fame

Ed Harris (l), FCA, FCMA, QC, Partner, Daley Black & Moriera, Larry Doane (c), FCA, Partner, Doane Raymond and Paul Cormier (r), FCA, retired Auditor General of Nova Scotia



They were named to the Saint Mary's University Accounting Hall of Fame on 11 May at a dinner in their honour. The Hall of Fame, established in 1991, recognizes individuals in the community who have excelled in their contributions to the accounting profession through their professional service, professional education and community service.

Dr. David Richardson, Saint Mary's new Dean of Science, will arrive on campus July 1. He was previously Professor and Head of the School of Botany at Trinity College, Dublin, a position he has held since 1980. However, his connection with Canada goes back to 1969, when he became an associate professor in the Department of Biology at Laurentian University, a position he also held until 1980. In addition, he has been an associate professor in the Biology Department at the University of Victoria and the Department of Agricultural Science, at Oxford University and spent short periods in Australia and working for the National Museum of Canada and Carleton University.

He holds BSc and MSc degrees from Nottingham University, U.K., a PhD from Oxford University and an MA from

See page 2



## Portrait presented to University

A portrait of the late Dr. James L. Ryan, Saint Mary's dean of engineering for many years, was presented to the University by Mrs. Ryan at a ceremony on 28 May. During the presentation, Dr. Edmund Morris spoke of the purpose and importance of a portrait: "A portrait is a symbol which tells the entire life story of an individual ... it (the portrait) shows Dr. Ryan's dedication to duty and his discipline as well as his personal characteristics which we will remember..." Dr. Ryan was a member of the Division of Engineering at Saint Mary's from 1942 to 1973. Here, Mrs. Ryan and University President, Dr. Kenneth L. Ozmon unveil the portrait.



## Staffer gains CMA designation

Gerry Verran, the University's accountant for special projects and research, recently received his CMA (Certificate of Management Accounting) designation. Saint Mary's has been offering this program for the Nova Scotia Chapter of CMA since 1988.

Gerry, who grew up in Bridgetown, Nova Scotia, graduated from Saint Mary's with a major in accounting in 1987, then became a staff accountant with Doane Raymond and began working towards the chartered accountant designation. He soon



Gerry Verran

realised that his interests lay more in management accounting than audits and set his sights on the CMA. In 1989 he joined the business office at Saint Mary's and found not only a job which suited his interests, but a chance to pursue this goal. He says "As Saint Mary's offers the CMA

program...it was very convenient to work here and take courses on campus in the evening." Five courses and three national exams later, he has achieved his goal.

Gerry's job at Saint Mary's sees him handling the financial aspects of research grants for faculty members and "the China Program, the Atlantic Centre, the International Education Centre, the Gorsebrook Institute and anything else that does not come under the University's operating grant."

Does he have any plans for further study? "For now, I'm just sitting back and enjoying not studying, although I might look and see what an MBA would involve," he says. Gerry, who is well-known at The Tower, was married last August and his wife Carla is studying at the Nova Scotia Teachers' College.

## Santamarians on volunteer boards

Alumnus Allister Byrne (BComm '68) was recently elected President of the Canadian Rehabilitation Council for the Disabled while University Registrar Elizabeth Chard (associate alumnus '73) was re-elected a member of the board representing the Abilities Foundation of Nova Scotia.

Santamarians also form a significant portion of the Board of the Abilities Foundation. They include Jamie Bone (BComm '89), Allister Byrne (BComm '68), Peter Morrison (BA '90), Dick Loiselle (BA '68) and current Saint Mary's Arts student Don Jackson.

## Travel CUTS comes to campus

Sabbatical travel, international identity cards for professors (which allow access to discounted international fares) and Eurocentres (centres around Europe for learning foreign languages) are among the services of Travel CUTS (Canadian Universities Travel Service Limited), a company established in 1969 to provide travel services to Canada's university community.

Owned and operated by the Canadian Federation of Students (CFS), the non-profit company opened a branch office at Saint Mary's on 30 March "because we were getting calls from Saint Mary's students and professors but they were not getting properly serviced," says Susan Vincent, manager of the Saint Mary's branch office. "We had been running an office at Dal for a number of years but with the growth at Saint Mary's we thought it beneficial to expand to serve the university community better."

Among its services, Travel CUTS offers sell-offs where you can list your name, the week you want to travel and the place you wish to go and if a last-minute spot opens, you will be contacted. The

company also offers Canadian wilderness trips "to provide high quality outdoor experiences at minimum costs to people from all walks of life."

Travel CUTS is located on the 5th floor of the Student Centre.

# Recommendations from the Ideas Team

The Ideas Team, which has been working in an advisory capacity to Vice-President, Administration, Guy Noël on "...working conditions and internal communications at the University," has made three recommendations. They are in the areas of employee recognition, internal communications and the orientation of new employees.

The Ideas Team has suggested a program to recognize employees after five, 10, 15, 20 and 25 years of service to the University. An orientation program

will be set up during the coming academic year and will include the production of a comprehensive staff handbook and an orientation video.

The Ideas Team has suggested that communications between and within departments need to be addressed. This could be done in a number of ways, including staff handbooks, continuing employee surveys and the possible development of a campus-wide electronic news system.

## Message for Saint Mary's staff

The results of the employee opinion survey conducted in September 1991 will be sent to all full-time, non-academic staff during July. The survey, which was conducted as part of the mandate of the Ideas Team, has provided some insight into what non-academic staff say about the work environment and communications within Saint Mary's University.

No final conclusions have been drawn from the survey results and the Ideas Team will continue to work with Guy Noël (Vice-President, Administration), to identify areas which need to be addressed. If you have any comments on the survey results, please direct them to any member of the Ideas Team or directly to Mr. Noël. Members of the Ideas Team are Bernadine Halliday, David Peters, Angela Steele, Don Harper, Chuck Bridges, Dr. Hermann Schwind, Edie Cook, Joan Matheson and Roger MacDonald.

The survey was sent to 328 full-time, non-academic staff and 205 people completed and returned it, a 62.5 per cent response rate.

## Turf installed

From page 1

softer which means that, with proper usage, it should stand up well," says Caissie.

A softer field will mean that Huskies athletes will have to "pick up their feet" explains football coach, Larry Uteck, but he believes this will be a definite advantage over the visiting teams.

Turf replacement began with the removal of the existing turf at the end of March; preparation of the sub-base of the field followed in mid-April; laying of the underpad and synthetic turf took place in mid-May; and the final step, line painting, was done at the end of May in preparation for field opening on 1 June. The official opening of the turf will take place at half-time on Sunday, 13 September when the Huskies football team takes on the Mount Allison Mounties.

The first major users of the turf were outside groups including the Special Olympics and the Labatt's Lite 24-Hour Relay. Saint Mary's fall sports teams will officially begin practice 31 August.

## New science dean

From page 1

Trinity College, Dublin.

Dr. Richardson's botanical research has been heavily supported in both Canada and the United Kingdom by such bodies as the National Research Council, the Natural Science and Engineering Research Council, the International Biological Program and the European Economic Community. His total research funding in Canada to date is \$331,617, and in Britain £561,935 (approximately \$1.1 million).

Dr. Richardson will take over from Dr. Clive Elson, (Chemistry) who was acting dean for the 1991-92 academic year.

## Safety meeting



Saint Mary's hosted the first ever Joint Atlantic Provinces Safety Officers/Physical Plant Administrators meeting on the 14 and 15 May. The meeting, previously held separately for the two groups, is held semi-annually at different universities across the Atlantic provinces.



# Times

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

July, 1992  
Volume 21 Number 6

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

Words & Pictures Design Group



## Nova Scotia electoral commission reports on time and under budget

# One man: 899,900 votes

by Anne West

At the heart of the democratic system is every citizen's right to be represented in government and when the province of Nova Scotia needed an unbiased expert to work out changes to electoral boundaries that would give Nova Scotians fairer representation, it turned to Dr. Ron Landes, chairperson of the Political Science Department. Dr. Landes, who has worked in the area of electoral systems and political behaviour for many years, was appointed to chair the Nova Scotia Electoral Boundaries Commission in July 1991. Nova Scotia does not have an unblemished history in this field, in fact the province is no stranger to gerrymandering—the manipulation of

boundaries unfairly so as to secure disproportionate influence...for some party or class.

In the eight months allotted to them, Dr. Landes and his team of five commissioners produced a report which came out on time and under budget and has received almost universal acclaim. Meeting the very tight deadline was done, "by working round the clock, putting in 10, 12 and 14 hour days," says Dr. Landes, who was also teaching a full course load and chairing the department during this period. In addition, the commission spent only \$295,000 of its \$395,000 budget, an unusual occurrence these days.

This commission broke new ground. It was the first in the province not conducted by the political party in power and the first in the country to propose new boundaries based on a June 1991 judgement by the Supreme Court of Canada on a challenge to electoral redistribution in Saskatchewan. In what is called the Carter decision, the Supreme Court rejected population equality as the only criteria for the creation of electoral boundaries in favour of *effective representation* based on *relative parity of voting power*. In addition, "The Supreme Court ruling said you could move away from relative parity of voting power on several specific criteria, particularly with respect to minority representation, community interest and geography," says Dr. Landes.

The Supreme Court ruling was handed down on June 6, 1991 and just one month later Dr. Landes received his mandate. That mandate was to come up with relative parity of voting power for Nova Scotians. In addition, the commission was asked to keep the number of seats at 52.

Dr. Landes and his team needed to be

seen to be unbiased, so they conducted all their consultations in public and made all written submissions public. Five of their 18 public hearings were bilingual and they received 122 verbal presentations and 114 written submissions.

The next step was to turn what they had learned into a workable set of

County.

Calculations were based on the latest figures available, which gave Nova Scotia a total of 899,900 voters. Dr. Landes explains, "Once we had decided to protect the five ridings, we took their numbers out of our overall numbers and calculated a province-wide average. This was used to establish the average number of voters in each riding and we decided that the Supreme Court ruling would allow us to have a plus or minus factor of 15 per cent above or below that average." The average constituency size is 18,100.

Working out of the details of each riding is described by Dr. Landes as "very much a balancing act, a judgement call," because Nova Scotia was the first province to try to implement the Carter decision. This "laid out broad principles, but did not define how different factors should be traded off against one another." He adds, "The overriding factor which kept coming back to haunt me was relative parity of voting power. We tried to accommodate all the other factors within that idea."

One other factor became clear during the public hearings. "The job of a rural MLA is very different from

that of an urban MLA. The rural MLA has to perform a number of functions that the urban MLA does not. The rural MLA performs more of an ombudsman role." Rural MLAs, he explains, represent citizens who are likely to have problems dealing with government bureaucracy in a larger number of policy areas. In addition, "You also have the time factor travelling back and forth and around a large constituency." As a result, it was decided that rural ridings should have below average numbers of voters, while urban ridings could safely be above average.

The problem of providing representation for Mi'kmaq people was not settled by the commission, despite a number of consultations with different sections of the Mi'kmaq community. The commission recommended that no seat be imposed on the Mi'kmaq community at this stage, but that negotiations continue to try and work out details of a future seat, which would bring the total number to 53.

Bill 203, which contains the proposals of the commission, passed first reading and went to the Law Amendments Committee in May, at which point Dr. Landes and his commission were called back to deal with a number of small detailed problems and asked to produce a supplementary report by the end of May. Dr. Landes believes the bill should be passed and implemented by the end of the current legislative session and says, "In all likelihood the next election will be fought on these boundaries."

Nova Scotians will benefit from the work of the commission and so will the students in Dr. Landes' 1992-93 seminar on political behaviour, which will focus on some of the issues of electoral reform of which he now has so much practical experience.

### Megatrends Man



John Naisbitt, author of the international bestseller *Megatrends* and co-author of *Reinventing the Corporation* and *Megatrends 2000* was in Halifax on 26 May to speak to Saint Mary's students and Maritime Tel and Tel customers on positioning the world for the next millennium. He was the first speaker as part of a distinguished speakers series set up between Saint Mary's and MT&T. Mr. Naisbitt is shown here with student (left to right): Craig Fearon (President, SMUSA), David Sykes, Naisbitt, Craig Bannon (Commerce Society), Heather Shirritt (Management/PIR Society) and Tracy Vibert (VP-Admin, SMUSA).

The overriding factor which kept coming back to haunt me was relative parity of voting power'



Dr. Ron Landes

constituencies. Describing the process, Dr. Landes says, "Our attempt was to equalize, but not to have perfectly equal constituencies...Before we got into what was meant by relative parity of voting power, we covered what we called protected constituencies." The ridings of Clare, Richmond and Argyle were retained as they stood, although they are all considerably smaller than an average constituency, in order to protect the interests of the Acadian community. A new seat was created in the Preston area to encourage black representation and this too is considerably smaller than the average. The area of Victoria in Cape Breton, which is very sparsely populated, was left intact, with a small area added from Inverness

### Professor shoots film segment at Saint Mary's

If you were in the Loyola Colonnade on the afternoon of 27 May, you probably saw, or even took part in, a film called "Teller That You Love Her" written and directed by part-time English professor Glenn Walton.

It was the last day of shooting for the film, which is about "a bank teller who has a fantasy about the women he works with in the bank," said Walton before he dashed off to check the angle of a shot. He was pushing to have the final shots completed before taking off to Toronto to attend the prestigious Norman Jewison Centre for Advanced Film Studies.

Walton, who has taught courses at Saint Mary's for eight years including *Narrative in Fiction and Film* and *English Composition* which he taught this year, is one of 15 Canadian film writers, the only Nova Scotian, accepted into the nine-month program on screenwriting. During the course, he will have one of his scripts turned into a 20-minute film by a student director.

Over the summer though, he hopes to finish editing "Teller That You Love Her" which is a silent comedy, in time for September's Atlantic Film Festival.





Oaks lawn hosts organic efforts to beat cinch bug

# How to beat the bugs!

by Anne West

Anyone who has been to The Oaks recently knows that its wonderful lawn was totally destroyed by the cinch bug last summer. The bug is a tiny creature which attacks grass plants and thrives best after the sort of long drought we had early in the summer of 1991.

Faced with the devastation, Saint Mary's asked the advice of John Edmonds of Edmonds Landscape Services, the company which looks after the lawns on campus. As a result, the area is now being used by Edmonds Environmental Services Division as a demonstration site for research and development into organic control of the cinch bug.

John Edmonds preaches salvation through sustainable development and organic cultivation and his company has not used chemicals to eradicate the lurking predators. It has simply planted about 30 sections of the lawn with different combinations of grass seed and organic fertilizer. "We are going to see which of these areas of turf can resist the cinch bug best," he says. The variations include an *Ecoturf* seed mixture with clover in it and fertilizers made from fish waste, composted potatoes, spent grain from a brewery and mushroom compost.

The lawn was seeded in May and has been slow to germinate because of the dry weather. The pests are at their most active in July and August, so by the end of the summer, the bank of knowledge of how to combat the cinch bug in an environmentally sensitive fashion should be considerably richer.

There is a chemical answer to the cinch bug, *Diazanone*, but John Edmonds believes it

should be used only as a last resort. "This is a very powerful chemical and unfortunately it can affect birds, pets and people. It has been banned on golf courses in the United States...where they have observed wildlife dying half an hour after ingesting worms that have been sprayed with Diazanone. Who knows whether it is carcinogenic."



John Edmonds' recipe for a healthy lawn is much the same as any mother's recipe for healthy children—lots of good, natural food! "Get your lawn off drugs" is one of his catch phrases and he says, "The whole organic approach is a topsoil building process, the natural way." He compares lawns on chemicals to people on steroids, "They give you a quick burst of green, but in the long term the lawn loses its resistance to insects and you have to keep spraying—the chemical conundrum."

Healthier topsoil encourages strong root growth, which leads to healthier turf which can resist drought and insects and crowd out weeds, explains John Edmonds. Speaking of one of the lawns the company has taken off drugs, he says, "Summer Gardens has not had a chemical on it for three years. The lawn was excellent last year. We did not have to water it because it had deeper roots and there was very little insect activity."

Edmonds went green in 1989, and since then has been making the transition from chemical to organic management. As part of its research program, it has helped National Sea Products to develop a fish waste fertilizer called SeaGreen. "We have reduced our purchase of pesticides and chemical fertilizers 80 per cent," says John Edmonds.



Top: Master of Convocation Dr. William Stewart, SJ, carrying the mace  
Above left: Senior Class President Nicole Phillips was Valedictorian  
Above right: Registrar Ms. Elizabeth Chard talks to the Chancellor, Archbishop Austin E. Burke, just before convocation starts.

## Mi'kmaw student writes thesis in native language

Eleanor Johnson, who lives on the Eskasoni reserve in Cape Breton, broke new ground with the thesis she wrote for the Master of Arts in Atlantic Canada Studies degree she received May 11.

In addition to being the first ever written in the Mi'kmaw language, the thesis sets down details of Mi'kmaw culture for future generations to learn and enjoy. It charts the cycle of the traditional Mi'kmaw year, beginning just after Christmas with *Waltos*, a traditional dice game used to while away the long winter days, through spring and summer activities and the fall moose hunt. It also includes a discussion of the Mi'kmaw form of government based on the grand council, traditions associated with



Eleanor Johnson receive her Master of Arts in Atlantic Canada Studies, having complete her thesis in the Mi'kmaw language

death and dying and how communities band together to help each other at such times, and a section about the Chapel Island mission founded by the Jesuit fathers.

Most of Eleanor's research was done



Congratulations! The 1992 graduating class of the Diploma in Marketing and International Business with program director Dr. T.S. Chan (left)

# Five retiring faculty members served 127 years



Three of Saint Mary's recent retirees were among those who attended a meeting of Saint Mary's Quarter Century Club on May 24. They are, L to R: Dr. Emiro Stiegman (Religious Studies), Dr. Enriqueta Unturbe-Rojo (Biology) and Dr. Dattatraya Govind Kabe (Mathematics and Computing Science)

Five faculty members retired from Saint Mary's at the end of the 1991-92 academic year, having devoted a total of 127 years to the service of Saint Mary's University. Over the coming year, *The Times* will tell its readers more about these distinguished scholars, starting with Dr. Enriqueta Unturbe-Rojo of the Biology Department.

Dr. Enriqueta Unturbe-Rojo was born in Zaragoza, Spain and studied at the University of Madrid, where she received her BSc and MSc (cum laude), and PhD (summa cum laude). She also received a registered nurse degree from the Faculty of Medicine of the University of Madrid.

After coming to Canada, Dr. Unturbe-Rojo taught at Alma College in Saint Thomas, Ontario and worked at the Cancer Research Centre of the University of

Waterloo. She joined the faculty of Saint Mary's University in 1962, as the first full-time female professor, where she taught biology and Spanish. She was promoted to assistant professor in 1965 and associate professor in 1972. She served on several departmental committees, including the audio visual and safety committees and was chairperson of the department from 1986 to 1989. She acted as judge in regional science fairs on several occasions.

Dr. Unturbe-Rojo is a member of the American Association of Physical Anthropology, the American Association of Human Genetics and the Social Biology and International Dermatoglyphics Association.

Dr. Unturbe-Rojo's doctoral thesis and subsequent research was based on the genetics of human dermatoglyphics from the populations of Spain, Argentina and Canada.

The published the first paper on the dermatoglyphics of Acadians from Nova Scotia. She is well known internationally a result of the publication and presentation papers in Toronto, Italy, Yugoslavia and Spain. Dr. Unturbe-Rojo plans to continue with this line of research during her retirement. She has been elected President of the Faculty Women's Association for 1993.

Her hobbies include knitting, painting water colors and embroidery. She has three children: Eric, who has an architecture degree from the Technical University of Nova Scotia, Henry who has a BA and a F from Saint Mary's and Monica who graduated with a BA (Honors) in Anthropology at Convocation on May 11.

Good luck on your retirement after 30 years of teaching at Saint Mary's University.



# Spring Convocation

Photographs by Peter Parsons, Clark Photographic

**O**NE THOUSAND AND EIGHTEEN degrees were awarded at Spring Convocation on May 11. This number is a record breaker, since the Spring Convocation in 1991 saw only 856 degrees awarded. In the words of Associate Registrar Murray Wilson, "Our registration bulge has begun to catch up with us." Full-time registration rose from 3,660 in 1987-88 to over 5,000 in 1991-92 and part-time from 1,803 to 2,580; an increase of 39 per cent.

One hundred and sixty-five master's degrees were awarded at Convocation and 853 bachelor's degrees and certificates. Three hundred and eighteen people received Bachelor of Arts

degrees and 303 Bachelor of Commerce degrees, while 61 graduated with Bachelor of Science degrees and 53 with Bachelors of Education. The largest number of post-graduate students, 86, received the Master of Business Administration degree, including Saint Mary's first Executive MBA class. Master's degrees in education mounted to 60, eight Master of Science degrees were awarded and 11 Master of Arts degrees in History, International Development Studies and Atlantic Canada Studies.



Above: Traveller and artist Nelly Beveridge Gray receiving an honorary Doctor of Letters degree. Right Kevin Murphy graduates with a Bachelor of Commerce



Astronaut Dr. Roberta Bondar, who received an honorary Doctor of Science degree, gave the address to the graduates

They made it! The first class to receive their Master of Business Administration degrees through the Executive MBA program.



Caroline Hamilton receives the Governor General's Silver Medal from His Honor Lloyd R. Crouse

Academic excellence—winners of the academic medals. Back row, l to r: Christine DeWolf (Science), Ginette MacIsaac (Engineering), Pamela Swainson (Psychology), Anita Smith (Education), Dr. Colin Dodds (Vice-President, Academic and Research), Eric Ansembach (MBA), Caroline Hamilton (Governor General's Silver Medal), Cindy Gorman (Arts); Front row, l to r: Wade Taylor (Executive MBA), Lorraine Keefe (Commerce), Robyn Young (Governor General's Gold Medal), Allison Goebel (International Development Studies)

orally and she had the enthusiastic help of many members of the Eskasoni community, both as sources of information and as scrutineers of the accuracy of her written language. "Once they found out the paper was going to be in Mi'kmaw, I had more than ample help," she says. "I really would like to thank them all." She is also grateful to her professors at Saint Mary's, Dr. John Reid, Co-ordinator of the Atlantic Canada Studies program and Dr. Harold McGee of the Anthropology Department. Some people questioned the legitimacy of her project to start with and she says, "If they had not stuck out their necks to support me, it would not have been successful." Dr. Reid says, "We are very excited about this development. The commitment of the ACS program is to the study of Atlantic Canada and all of its people, and I think this is a good example of fulfilling this commitment."

Eleanor graduated with an honors BA from the University College of Cape Breton before choosing Saint Mary's for her master's degree. "The preservation and documentation of the Mi'kmaw language is dear to my heart," she says. "All of the material you read about the Mi'kmaw people, the culture and the language, all of it has been written down by non-Mi'kmaw writers." She adds, "I felt it was time the Mi'kmaw language and culture were preserved and written down for future generations." Children at the Eskasoni reserve school learn to read and write their language up to grade six and Eleanor's efforts are aimed at making it possible for children to continue learning in their native tongue.

## Religious Studies major gets Governor General's Medal

Caroline Hamilton's road to academic distinction was not a straight and narrow one, or a short one! When she received the Governor General's Silver Medal, awarded to the undergraduate with the highest academic standing at Convocation, it was a milestone, but only one of many in her life.

After graduating from Saint Pat's High School in Halifax, Caroline went to the Nova Scotia Teachers' College, but her career as a teacher died on the vine. She explains, "I had too good a time!" Next came a few years in the accounting department of the Halifax Herald, during which she began to work as a volunteer with the Canadian Mental Health Association (CMHA). She loved her work with ex-psychiatric patients and in 1968 enrolled in a Diploma in Social Work course at the Nova Scotia Institute of Technology. This led to employment with the CMHA, then a job with the provincial social services department on the South Shore.

Next Caroline and her husband Larry moved to Fort Smith, Northwest Territories, where he taught electronics at an adult vocational training centre. They had an

apartment in the school residence and Caroline worked as counsellor for the Inuit and Indian girls at the school.

In 1981, with a family of two sons, soon to be increased by the addition of a foster daughter, the family returned to Halifax. Caroline found herself with free time and enrolled as a Religious Studies major at Saint Mary's, following in the footsteps of her father Herbert DeLong who, at the age of 68, received a BA in Religious Studies in 1986.

Thanks to advanced standing for some of her social work courses, she was able to get within five and a half credits of graduating in two years. Then the family bought an old church and seven acres of land near Shubenacadie and the degree had to be put on hold. In addition to the lengthy task of converting the church to a home, Caroline, who says, "I feel called to be an active lay woman in my church," became involved in education projects at Saint Bridget's church in Shubenacadie. She also found time to work as a classroom assistant with a teenage boy with Downes Syndrome who was being integrated

into high school.

However, the unfinished degree was hanging over Caroline's head and in the summer of 1991 she returned to her books. She completed her studies in time to graduate at Convocation and achieved a perfect 4.0 grade point average; no easy task while juggling the needs of family and church. She says, "I had tremendous support from my teenagers, and my husband, who was anxious for me to go on." She found all her courses challenging, but remembers with special appreciation Dr. Philip Street's course on "Psychology and Religion."

Caroline has been accepted into a graduate program at the Atlantic School of Theology and begins another three-year study stint in September. Of her Saint Mary's degree, she says, "It has not changed my personal relationship with God, but it has certainly given me some historical background that I appreciate."



## Teaching teachers in Botswana

by Claudine Laforce

Dr. Michael Herrick of the Education Faculty will spend the next two years helping university professors in Botswana improve their teaching skills.

In his CIDA-sponsored position as co-ordinator of the higher education development unit at the University of Botswana, Dr. Herrick is charged with developing a training program for instructors on how to teach university students. Many of these instructors

will be entering their first teaching positions. "My job is to emphasize that teaching is as important as research. Their Senate wants new instructors to get started properly so they will develop effectively as teachers," says Dr. Herrick. In Botswana, the instructor's level of expertise in teaching is a strong factor in whether the instructor is promoted.

"Educators in Botswana, as in many other universities around the world, are realizing that professors must be able to communicate what they know," explains Dr. Herrick. "It is no good having all the information, doing all the research, if you don't have the skills to pass on what you know and can't lead students to discover for themselves."

Dr. Herrick will also be responsible for developing a program similar to that run by Saint Mary's **Quality of Teaching Committee** to help senior staff upgrade and enhance their teaching skills.

Though his position is based on developing teacher training programs, Dr. Herrick will also do research on effective teaching in Africa and the Third World. He leaves in July to begin developing this program and will return to Saint Mary's in September 1994.



Dr. Michael Herrick

## Fishing study by sociology prof

The Atlantic Canada fishing industry is in the news on a daily basis with problems about overfishing, fish plants closures and workers going on strike. Sociology professor, Dr. Gene Barrett, takes a close look at the industry in his first book *Emptying their nets. Small capital and rural industrialization in the Nova Scotia fishing industry*, co-authored by Dr. Richard Apostle of Dalhousie University.

The recently published book began as a collaborative effort to investigate the persistence of small-scale production units in Nova Scotia's fishing and fish processing industries. It examines the industrial structure of the fishing industry with a particular focus on the processing side of things and why small business is such a vital component of the industry.

During his research, Dr. Barrett found that people viewed small companies, particularly in 'traditional' industries, as exceptions in the grander scheme of things. He took a different view by arguing that a small business is the outcome of a variety of factors including ones which are uniquely characteristic of resource sectors, like the fishery, and some which the industry has in common with other types of manufacturing industries. For example, key to the fishing industry are the seasonality of supply and the perishability of fish. But



Dr. Gene Barrett

while these are unique to this industry, many conditions, such as managerial style, family-based organization, flexible technology and a surplus labour pool are significant features of small businesses everywhere.

The book, six years in the making, was researched under the auspices of the Gorsebrook Research Institute for Atlantic Canada Studies. Dr. Barrett's interest came from his dissertation work on similar issues which discussed why there is such a wide range in the size and type of businesses and why small businesses persist. While Dr. Barrett and Dr. Apostle do not propose a 'grand plan' for the

restructuring of the industry, they promote the need for a self-sustaining approach to rural community revitalization.

### Green tip:

#### Reuse your lids!

Patronize the Tim Horton's coffee shop? Worry about wasting paper cups and plastic lids? But don't like those insulated plastic cups? Keep the lid from your Tim's and re-use it the next time you go, and the next...! That's one tiny bit of oil saved.



Paul Gouett

## Saint Mary's resident wins national award

Saint Mary's alumnus and resident Paul Gouett is the first winner of the Multiple Sclerosis Society of Canada President's Award. In winning, he has become the Canadian nominee for the James D. Wolfensohn Award, presented annually by the International Federation of MS Society (IFMSS).

Paul has been actively involved in the Atlantic Canada branch of the association since he was diagnosed with MS in 1972. One of his recent projects was representing the Atlantic provinces on the National Social Action Committee. "Generally we formulate policies about concerns for people with MS such as the need to have air conditioning in our homes and cars. Just like everyone else, when we get hot, we start to lose our strength, but it gets to the point where we may no longer be able to function."

Paul meets with other branch representatives by teleconferencing. "Sometimes other members don't realize that I represent four different provinces which have cultures distinctly their own so it's not as easy to make quick decisions. It is rewarding to us when one of our policy proposals is implemented."

If he wins the international award, Paul will be flown to England this fall to attend the IFMSS Annual Conference. In the meantime, he is kept busy writing short fiction stories and factual articles such as "My life with technical aids" found in the April 1992 issue of The Nova Scotia Medical Journal.

## IDS students gain credit in Cuba

Shelagh Savage was one of a group of 30 which travelled to Cuba in April to take part in the second offering of International Development Studies (IDS) course "Field Research in Development". The group included trade unionists and representatives of community agencies as well as 17 undergraduate and graduate students taking the course for credit. The course was taught by adjunct professor Dr. John Kirk, who teaches in the Spanish Department at Dalhousie University.

Shelagh already has first hand experience of international development work. After beginning her studies at Mount Saint Vincent University and the University of Toronto, she seized an opportunity to work for Canada World Youth (CWY) in Sri Lanka and spent the following six years working there and in Indonesia. In 1989, she decided to finish her degree and returned to work as Atlantic region education officer for CWY and enroll at Dalhousie in the IDS program run jointly by Saint Mary's and Dalhousie.

Of her decision to enroll in IDS 601, she says, "I am interested in Cuba because for a

number of years it was seen as a model for development in areas of health care and education and as a country where participation was encouraged in those areas." The country is particularly interesting at present because of economic problems caused by the withdrawal of its main trading partner, the former Soviet Union. Cuba is now in a self-styled Special Period, "and has had to refocus priorities while keeping health and education as major priorities," says Shelagh, describing how the country is facing the shortage of oil. "Cubans...imported thousands of bicycles from China and are now turning automobile and truck factories over to producing bicycles."

During its two weeks in Cuba, the group went on field trips to a co-operative farm, health clinics, the University of Havana, newspaper offices and a TV station. It visited a health centre where children from the Chernobyl area of the former USSR were receiving medical treatment and met



Shelagh Savage

groups ranging from diplomats in training to members of the Young Communist League. Although most activities were organized by government agencies, Shelagh says, "We also had an opportunity to talk to ordinary Cubans."

Members of the group wrote short papers at the end of the first and second weeks of the visit and a research paper on their return.

Shelagh's own research project was on the tourism industry in Cuba. She considered whether the hard currency it brings in is necessary, whether its social impact is desirable and how the industry operates. "Cuba certainly has the beauty and beaches," she says, "but there needs to be some changes to increase the quality of service."

This course was not Shelagh's first connection with Saint Mary's. As a result of her work with the Registrar and the IDS program in 1989, young people going abroad with CWY can now obtain a credit for their trip.

### IEC says 'Thanks'



On April 30, the International Education Centre held a reception to say "thank you" to its many volunteers. Shown here are (L to R), Theo Mofokeng, Mike McCurdy, Dr. Susan Walter (Anthropology), Kike Bello, Wayne Hamilton, Happy Sithole, Luis Soto-Rubio



# Psych prof contributes to centenary publication

Researchers spend their lives adding to the sum of knowledge of their discipline. What happens to that research? Does it become implanted in the memories of their successors, or is it forgotten?

Dr. Darryl Bruce, Chairperson of the Psychology Department was invited, with Dr. Harry Bahrick of Ohio Wesleyan University, to contribute a paper on "Perceptions of Past Research" to the centenary issue of *American Psychologist*, the journal of the American Psychological Association, an organization to which many Canadian psychologists belong. Documenting its own history is a recognized sign of the maturity of an

academic discipline and the centennial issue concentrates on the history of psychology in America, containing articles by 35 distinguished psychologists and historians.

Dr. Bruce and Dr. Bahrick's project was an attempt to discover how much psychologists know about the history of their science and what factors influence their perceptions of that history. It also assessed the importance attributed to past research by the psychologists who took part. Dr. Bruce and Dr. Bahrick believe that knowledge of past research plays an important role in shaping the future of psychological research because it

influences today's researchers in the selection of current research topics and affects editorial and funding decisions.

For the survey, the two scholars chose 17 research topics in learning, memory and perception investigated since 1913. Many of the topics had been researched for over 20 years and several had between 300 and 500 papers devoted to them. Two hundred and thirty seven research psychologists from a wide age range revealed their knowledge of these topics in responses to the survey.

From it, Dr. Bruce and Dr. Bahrick learned that psychologists tend to be ahistorical: older issues are best known to PhD graduates of the 50s and 60s, while contemporary issues are most familiar to graduates of the 70s and 80s. Nevertheless, their findings do not support the current perception that younger researchers are so specialized that they are unfamiliar with

topics that fall outside the narrow range of their training. It was observed that scientists tend to evaluate past research on the basis of contemporary priorities and examples. Thus, topics which demonstrate a phenomenon are considered less important than those which investigate a cognitive process. Problems which were resolved are seen as more important than those which were left unresolved.

Dr. Bruce's involvement in the centenary of the APA also includes an invitation to speak at the celebrations planned for its August, 1992 annual meeting in Washington, D.C. He will talk about the work of psychologist Karl Lashley, an important scientist of brain and behaviour of the first half of the 20th century, who lived from 1890 to 1958. Dr. Bruce contributed an appreciation of the work of Lashley to *Portraits of Pioneers in Psychology*, published in 1991.

## Scholarly activities

### Biology

Dr. Brij Kapoor published a review of "Roses red, violets blue: Why flowers have colors" by Sylvia A. Johnson, Minneapolis, Lerner Press, 1991, in *Science Books and Films*, American Association for the Advancement of Science, Volume 27 (9), 269-270, December, 1991

### Chemistry

Dr. Keith Vaughan (with M.P. Merrin, D.L. Hooper, R.J. LaFrance and R. Snooks) published a paper "Open-chain nitrogen compounds. Part XIV. Synthesis of 1-aryl-3-aryloxymethyl-3-methyltriazenes and 1-aryl-3-(hydroxyaryl)methyl-3-methyltriazenes" in the *Canadian Journal of Chemistry*, 70, 144 (1992).

### Philosophy

Dr. Arthur P. Monahan has written a historical manuscript entitled "From Obligations towards Rights: late medieval and early modern political thought (c1300-c1650)."

### Acadian perspective



At the end of April, the Gorsebrook Institute for Atlantic Canada Studies hosted "Acadian language and society in Nova Scotia: past, present and future," a conference which brought together more than 60 people to discuss, promote and celebrate Acadian language and society. Those who attended included researchers, scholars and community resource people from the many Acadian communities in the Maritimes. L to R: Georges Arsenault (Radio-Canada), Jackie Logan (Gorsebrook Research Institute), Dr. Karin Flikeid (Modern Languages and Classics—conference co-chair), Sally Ross (consultante en ressources didactiques—conference co-chair), Ronald Labelle (Université de Moncton)

### Economics

Dr. Paul Bowles recently presented a paper (with Dr. Brian MacLean) at the International Studies Association in Atlanta, Georgia. The paper entitled, "A Yen Bloc in East Asia?" is part of a project on economic integration in East and South East Asia supported by awards from the Pacific 2000 Fund (Ministry of External Affairs and International Trade) and the Canada-ASEAN Fund.

### Management

Dr. Hermann F. Schwind presented a paper titled, "From HRM theory to HRM practice" at a by-invitation-only symposium on human resource management in developing countries at McGill University. Dr. Schwind has also been invited to give a two-week HRM seminar in Bratislava, Czechoslovakia in July.

### Geology

Dr. John Waldron received a grant from Norcen Energy Resources of Calgary, Alberta towards research on "Acadian thrusting in the Humber Zone of the Newfoundland Appalachians: Stephenville area".

Dr. J. Dostal has been awarded a NSERC Lithoprobe grant of \$10,000 to study volcanic rocks from the Flin Flon and LaRonge areas in Northern Saskatchewan. Dr. Dostal has recently reached an agreement with the Servicio Nacional de Geología Y Minería of Chile (Geological Survey of Chile) to provide on-going analytical services for one of their current programs. He has also published (with C. Coulon and C. Dupuy) "Spatial and temporal evolution of the volcanism of Martinique (Lesser Antilles) in the *Bullétin de la Société Géologique de France*, 162, 1037-1047.

### Geography

Dr. Hugh Millward has recently published "Public recreational access in the countryside: Concepts and measures of physical rigour" in *Journal of Rural Studies*, 7 (1991), 241-251 and "Public access in the Canadian countryside: A comparative survey," in *Canadian Geographer*, 36 (1992), 30-44. Dr. Millward was appointed a member of the Dartmouth Lakes Advisory Board for a two-year term beginning in September 1991.

### Anthropology

Student Isabelle Toney-Shay has received a \$500 scholarship from the Laidlaw Foundation for her work related to the aboriginal Children at Risk Programme.

## Signing conference



The Atlantic Centre of Support for Disabled Students hosted the Maritime Association of Professional Sign Language Interpreters (MAPSLI) spring conference from 29-31 May. During the opening wine and cheese party at the Tower, MAPSLI president, Sharon Pardy (l), communicates with guest speaker Debra Russell, President of the Association of Visual Language Interpreters of Canada (AVLIC), through sign language while guest speaker Kirk Ferguson, AVLIC membership committee co-ordinator, converses with Jane McCarty and Clare MacDonald of the Atlantic Centre.

## Award for hearing loop installation

Saint Mary's Division of Continuing Education was presented with an Hourglass Action Award by the Abilities Foundation of Nova Scotia on 1 June for the installation of hearing loops in the Theatre Auditorium and the Student Centre Cafeteria.

During the presentation, Rick Laird, chairman of the provincial committee of National Access Awareness Week (NAAW) said, "We are really pleased to give positive feedback to those groups who are concerned about access for all. The hourglass symbol is ideal because it reflects the idea that the time has come for community action."

The number of hearing loops at Saint Mary's is now four, including those found in the Art Gallery and the Courtside Lounge of the Tower. These loops were first installed to meet the special needs of individuals within the ElderLearners group, people over the age of 55 who meet during the year for a non-credit lecture series.

The loops are installed by the



Sheila Thompson of the Division of Continuing Education receives the Hourglass Action Award from Fred Canavan (right), vice-chair of National Access Awareness Week (NAAW) while Rick Laird (left), chairman of the provincial planning committee for NAAW looks on.

Telephone Pioneers, a group of retired Maritime Tel and Tel employees who volunteer their time, with supplies donated by MT&T. Ed Lanihan and Reg Marshall installed and tested the loops while ElderLearner participant Gladys Snowden regularly checks to ensure that the hearing loops are available.



*Saint Mary's supplied entire Canadian contingent on the Halifax Windjammers*

# From Saint Mary's to the Pros

by Claudine Laforce

Entering their second season as part of the World Basketball League (WBL), the Halifax Windjammers have added two locals to their squad, both Saint Mary's graduates. Ross Quackenbush is coach of the Saint Mary's Huskies men's basketball team and Brian Thompson is a 1992 graduate. Windjammers' coach, Mickey Fox, is also a Saint Mary's graduate.

Ross Quackenbush patiently signs autographs as lines of kids wait to have each Windjammer's signature imprinted on their basketballs, scraps of paper, and even on their clothes. One nine-year-old boy brings a marker and holds out his arm for Ross to sign his shirt. "Are you sure your mother won't mind having names written on your good shirt?" he questions.

In the background, Brian Thompson "shoots hoops" on the court while a line-up of kids wait quietly until the ball leaves his hands so that they can yell out "Whoosh"



Brian Thompson, Mickey Fox and Ross Quackenbush

when he sinks the basket.

Both men seem to enjoy being the only Canadians on a team of professional American basketball players. For Brian, the move from university play to professional was a big one. "In professional play, you have to be on top of your game day in and day out; both physically and mentally," says Brian. "One of my challenges is to learn to overcome inconsistencies in my play and I'm doing this by practicing hard." Coach Mickey Fox agrees. "Brian played well

enough in the tryouts to warrant his spot on the team. Like any rookie he has to overcome consistency problems but he is the best player I had for the tenth man (on the squad). He is willing to spend his time on the bench and he plays hard when we need him."

Ross, on the other hand, had to make the transition from coach to player...and had to deal with being cut from the squad, rehired, then placed on the taxi squad (which means he can be called on at any time). Mickey admits it was hard to cut his friend of 20 years. "I knew how hard Ross worked and he gets better every day. He's proven very valuable in practice and has good morale." He continues, "It's good to know Ross is only a phone call away when we need him."

"I tried out for the team because it was a new challenge," says Ross. "I thought it would be close (in making the team). I thought I could play with them," explains Ross then continues, "Getting cut is like getting punched in the face... a feeling of helplessness for someone to say you're not good enough...it shakes your confidence and gives you a little self-doubt."

But Ross turns the situation around. "When they asked me to return (after a player left the team), I realized that I had another opportunity to get my foot in the door. I keep going to practice and working hard so that I'm ready when the call comes again."

How do Brian and Ross feel about being teammates instead of maintaining their player/coach relationship? Brian looks at

Ross as another player instead of a coach and Ross reaffirms this position. "I have always maintained the distinction between being a player and being a coach. When I'm out on the floor, I become a player."

Both men have had some time on the court during Windjammer games. Brian compares it to playing at the CIAUs. "I really enjoy playing in front of the hometown crowd." Ross, on the other hand, admits he was very nervous entering his first game in spite of his playing experience. Coming into a game half way through is very difficult according to Ross because your physiological responses are not up to speed, physically or emotionally. "This whole experience is a good lesson for me as a coach," explains Ross. "I will definitely make an effort to ensure that the (Huskies) players at the end of the bench feel they are a part of the team, practice jumping in mid way through a game and maintain their confidence even though they are not playing."

All three men, Fox, Quackenbush and Thompson plan to continue their ties with Saint Mary's. Ross will be back as coach, Mickey will continue in his role of assistant coach for the hoop Huskies while Brian says he will answer the call from his alma mater if needed. He hopes that his position on the Windjammers, along with his university degree, will help him serve as a role model for kids in the area and he says, "I'll do anything for the team (at Saint Mary's)."

## Biology student nominated for Governor General's scholarship

Fourth year biology student Dawn Munden is Saint Mary's nominee for the Governor General's Canada Scholarship in Environmental Sciences. Besides being a Canada Scholar, Dawn is a co-op student who recently spent a term in Fredericton, N.B., preparing the needles of coniferous trees for examination to detect acid rain damage.

The Canada Scholars program teamed up with Shell Canada to add this new industrial scholarship to the list of special awards for Canada Scholars. The objective of these

awards is "to foster a greater environmental awareness on the part of Canada Scholars in the sciences and to encourage some of Canada's brightest future scientists to pursue environmental projects."

According to Canada Scholarship co-ordinator, Gail Cook, the industrial scholarships are sponsored by private companies who choose the topic for which they will give scholarships. A sponsoring company usually chooses an area in which it has some problems which it wants students to work on.

## Biz centre gets award

The Burnside Business Development Centre received the regional award in the Conference Board of Canada's National Award for Excellence in Business

Education Partnerships. Gordon Lummis presented the award on behalf of Maritime Tel & Tel (regional sponsor of award) to Anne Hope (second right), faculty advisor, and Commerce students (l to r) Barry Colpitts, Denise Addington, Ashley Murray and Troy Greencorn.



## Chemistry students win at conference

Chemistry students Simon Day, Christine DeWolf and Len MacGillivray received awards at Chemcon '92, the 17th Annual Atlantic Student Chemistry Conference. The conference took place at Sir Wilfred Grenfell College in Cornerbrook, Newfoundland in May.

Simon Day took first place in the undergraduate section for his oral presentation on "Effects of Surfactant Structure on Micelle Induced Hydraulic Drag and Heat Transfer Properties", while Christine DeWolf placed third for her oral presentation on the "Effects of Counterion Structure on Surfactant Micelle Formation". Len MacGillivray took first

place in the undergraduate poster section for his presentation, "Can Aromatic Substituent Effects be Measured Crystallographically?  $C_6H_4XY Cr(CO)_3$  Complexes".

Simon and Christine are members of Dr. John Young's advanced fluids research group and Len is a member of Dr. Michael Zaworotko's research group. In September, Simon begins graduate studies in nuclear engineering at McMaster University and Christine begins graduate studies in chemical engineering at London University's Imperial College of Science and Technology. Len continues his undergraduate studies at Saint Mary's.

## Columbus considered



High school students came to campus in May to write an essay on whether Christopher Columbus should be regarded as the founder or destroyer of civilizations. They were competing in the annual essay contest of the Social Studies Teachers Association of Nova Scotia, which was hosted by the International Education Centre, which set the question and judged the essays. The participants, who had already won their local contests, are seen here during the Friday night get together in the faculty lounge. L to R: (back row) Harold Kyte (teacher), Carmen Stone (teacher), Hal MacLean, Nancy McQuaid, Kerry Boyd, (middle) Mateo Yorke, Laura Penney (winner—Sydney Academy), Jane Proctor, Heather Anne Gillis (3rd—Dartmouth High), (front) Jason Jacques, Kim Cummings (IEC), Allison MacKay (2nd—J.L. Ilesley).

## GOLDEN SNEAKER AWARDS

### Sneaker seekers try out turf

More than 200 faculty and staff tried out the new turf in Huskies Stadium on Friday, 12 June during a barbecue and walk hosted by Dr. Ozmon and the Wellness Committee.

Taking home the Golden Sneaker Award for highest participation were Student Services with 31 participants and Physical Plant with 34. Honorable mentions in this category go to Arena staff, Computer Services, Library, Institutional Research, Biology and Geology. Many thanks to volunteers who helped with the event especially Toni Croft and Linda Harris (Annual Fund Centre), who each spent two hours on the barbecues.

Other category winners were:

**Newest sneakers:** Mary Ann MacDonald (Chemistry)

**Stinkiest sneakers:** Heather Mombourquette (Residence staff)

**Smallest and largest sneakers:** Jacqueline/Ross Quackenbush (Athletics and Recreation)

**Most expensive sneakers:** Tom Dobson (Athletics and Recreation)

**Cheapest sneakers:** Arlene Stevens (Annual Fund Centre)

**Poor excuse for sneakers:** Wayne Huntley (Stores)

**Most colorful sneakers:** Bob Caissie (Athletics and Recreation)

**Most colorful laces:** Toni Croft (Annual Fund Centre)

**Most outrageous outfit:** Linda Harris (Annual Fund Centre)

**Most un-cool sunglasses:** Phyllis Herman (Library).