

Saint Mary's University, Halifax, Nova Scotia

The TIMES

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The Nova Scotia Mass Choir made a real splash at this year's Spring Convocation. Linda Carvery, President and Musician with the Choir, received an Honorary Doctor of Letters from Saint Mary's. Instead of your typical convocation address, Carvery performed alongside the Choir, much to the delight of her audience. Take a look at the class of 1998 on page 5.

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INSIDE



A job well done

On May 23, the Halifax Club was the scene of an appreciation dinner hosted by the President to recognize the significant contribution of Dr. David Sobey, Chair of the Building on Strength Campaign. Under Dr. Sobey's leadership, the campaign exceeded its private sector goal by 37% with \$16.4-million being raised. The original goal for this sector was \$12-million. Shown at the pre-dinner reception is, from the left: Dr. Kenneth L. Ozmon, President, Mrs. Faye Sobey, Mrs. Elizabeth Ozmon, and Dr. David Sobey.

On The Hunt to Cure Cancer

Searching for a cure for cancer is like being a kid with a set of lego blocks – at least this is how Brad Peori describes it. You see, if your tower falls apart, then all you need to do is go back and try again, and who knows, you might even come up with something even better.

"It's a thrill to be part of such a project," says Peori. "We've been through a lot of ups and downs, but this is what the game is all about, and who knows maybe we'll discover something big, I mean real big."

Peori is part of a research team at Saint Mary's on the hunt to find a cure for cancer. The team consists of Dr. Keith Vaughan, a chemistry professor at Saint Mary's, Julie Glister, a third year chemistry student, and Peori, an Honours chemistry graduate.

"It feels great to be working on a project like this," says Glister, adding that it's her first summer working in a chemistry labo-

rary. "This work is truly fascinating."

Dr. Vaughan's research interests lie in the area of organic synthesis, specifically of nitrogen containing molecules with potential anti-tumour activity. Of special interest to him and his team are the triazenes, which are known to be anti-tumour agents. Some of the triazenes, notably dacarbazine, has been used in treating melanoma, the most common form of skin cancer. Another triazene, which was discovered by a group of British scientists in the last ten years, called temozolomide, has turned out to be effective in also treating melanoma and brain tumours. Dr. Vaughan was also part of the team that developed this new drug in its early stages.

Dr. Vaughan and his team are now researching different triazene molecule structures to determine which ones have the best anti-tumour potential.

Last year, a former student of Dr.

Vaughan's, Ian Pottie, discovered new *bis*-triazenes with novel properties. These new *bis*-triazenes have been shown by x-ray crys-

tallography to have novel structures with the molecule folded back onto itself to

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A chemistry team at Saint Mary's is on the hunt to find a cure for cancer this summer. In Dr. Keith Vaughan's lab at Saint Mary's is Brad Peori, Honours chemistry graduate, and Julie Glister, a third year chemistry student.

Registrar Featured in Photo Documentary

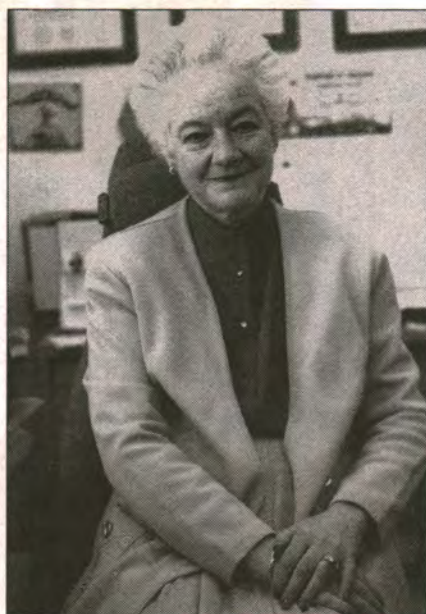
Dr. Elizabeth Chard, Registrar at Saint Mary's, is absolutely flattered to have been included in a recent photo documentary of 17 Halifax women from all walks of life.

The documentary, "Journeys," was held at the Anna Leonowens Gallery in Halifax from July 8 to 13. Nicole Noon, a student studying photography at the Nova Scotia College of Art and Design, put the whole documentary together.

"When Ms. Noon first approached me, I had absolutely no idea what was involved, and indeed, what comprised a photo documentary," says Dr. Chard. "However, my philosophy has always been to try and assist students with special assignments."

She says that it was interesting to attend the opening reception, and see the finished product. "Of particular interest was to see the way Ms. Noon had taken a two-hour interview and approximately 25 photos, which she had taken, and distilled them to a small, several-page booklet and one photograph, together with a major quotation," she says.

In Dr. Chard's opinion, the documentary is one more concrete example of the



This photo of Dr. Elizabeth Chard, Registrar, was featured in a recent photo documentary. (Photo taken by Nicole Noon, Nova Scotia College of Art and Design)

wealth of academic diversity in the Metropolitan area, together with the way in which individuals, at varying post-secondary institutions, cooperate.

Noon says that there was a large

amount of work required in putting together the documentary. She first placed an announcement in the *Daily News* newspaper, asking the general public to nominate women in the Halifax area.

"When I first called Dr. Chard, she downplayed her accomplishments," says Noon. "I then realized that she was a very modest person. When I conducted the

interview, I was just amazed at the work she has done over the years."

Noon says that a number of people from the University community who attended the show were also impressed with Dr. Chard's biography and picture. "The people that I spoke to from Saint Mary's thought it was neat that they learned something new about Dr. Chard," she says. ♦

On The Hunt To Cure Cancer

from page one

form a basket shape which might bind selectively to specific metal ions. Future work will be aimed at finding out if these bis-triazenes possess anti-tumour activity.

And now the work continues. The team's job this year is to find the molecule with the greatest anti-tumour activity. This is where the lego block analogy comes into play.

"As far as I know we are the only university attempting this work with triazenes, which could potentially lead to even more medication for cancer," says Dr. Vaughan. "So far, the fact that temozolomide has turned out to be effective

on brain tumours is certainly a good thing in the area of cancer research. However, we must continue working to find new and even more effective treatments."

"Exciting is all I can describe it as," says Peori. "You know, you sit down at the start of the day and say what can we make today? If your plan doesn't work, it feels a bit frustrating, but you turn around and try something new with just as much enthusiasm. If this works, the impact on fighting cancer could be huge." ♦

Solving the Year 2000 Technology Challenge



The Year 2000 Project Team is, from the left (back): Dave Peters, Coordinator of Registrar Services; Liam Currie, Physical Plant; Dr. Malcolm Butler, Astronomy and Physics Department; and Randy Raymond, Director, Information Technology Services. From the left (front): Sharon Weagle, Systems Manager, Computer Services; Marjorie Sullivan, Assistant Comptroller; and Peter Webster, Information Systems, Patrick Power Library.

Organizations all around the globe are presently trying to solve the latest threat known to computer technology - the Year 2000 computer problem. It's called the Y2K bug, a computer glitch that threatens to crash computers at midnight on December 31, 1999.

However, a newly formed task force at Saint Mary's, the Year 2000 Project Team, knows that strategic planning coupled with cooperation from all can manage such a problem.

Marjorie Sullivan, Project Leader, says that the Year 2000 problem poses a data challenge for many systems and equipment that rely on embedded computer chips in order to function properly. The problem came about because of the practice of using two digits rather than four to designate the calendar year. So, when the year turns 2000, it will therefore be recorded as "00" and could be treated by some systems as a move backward in time rather than forward.

"Our task is to educate, communicate,

assess risk, inventory systems, test systems, establish accountability and responsibility, remedial planning, and contingency planning," she says. "Our short term goal is to assess the current situation in the context of risk and remedial action. Our long-term goal is to get through the next millennium with as little disruption as possible."

She says that the first critical date for the team is June 30, which is when they expect to have completed the investigative phase of the project. By this date, the team must have inventoried essential systems, both equipment and software, in order to determine what action is required and estimate what costs will be incurred.

"As we try to get a fix on the problem that may currently exist, it is important that we do not exacerbate the problem further by buying products that are not Year 2000 compliant," she says, adding that there are now steps in place in the Purchasing Department to ensure that vendors are providing the University with products that are year 2000 compliant.

Gabrielle Morrison, Vice-President Administration, stresses that the team will need the assistance from all members of the community in the process of solving the problem.

"Everyone needs to be involved in

understanding this situation," says Morrison. "The more awareness raised means that members will know about the implications the Year 2000 problem has on their own operations." ♦

Saint Mary's Welcomes International Tattoo

Performers in the annual Nova Scotia International Tattoo arrived at Saint Mary's this month and will be on campus until July 8.

"We house them, we feed them and we entertain them during their time off from their busy schedule of rehearsals and performing," says Wanda Robinson, Conference Office. Tattoo performers from around the world have stayed at Saint Mary's almost every year since it 1980.

In fact, if you walk through the halls of Hen Alley, you will see a mural painted by an American marine from Virginia. And many other parts of the world are represented at Saint Mary's when the Tattoo arrives on campus. This year there will be performers from Switzerland, Portugal, Germany and France - 400 in all. "Everyone on campus seems to enjoy having all sorts of visitors on campus," says Robinson.

"We have a close relationship with the military and the military just isn't able to house these numbers of people on their base, so we offer an economical alternative," she says. Once the troops arrive, most of their days are spent in the Metro Centre leading up to the week of performances which began at the end of June. "We also offer them rehearsal space on

campus, that's why we'll start hearing bagpipes all of a sudden," says Robinson.

"The Tattoo crew are a real fun group to have on campus. It is wonderful that Saint Mary's is associated with this world-renowned show," says Robinson. ♦



The Times is produced by the Public Affairs Department of Saint Mary's University. Submissions from faculty, staff, students and friends are welcome.

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AROUND Campus



From the left is: Denis Leclaire, Director of International Activities; Mr. Makeireh Njie, Director of the Gambia Technical Training Institute; Heidi Taylor, Manager of International Activities; Crispin Grey-Johnson, Gambian High Commission to Canada and Ambassador to the United States.

A Visit from The Gambia

Some high ranking officials from The Gambia, West Africa were at Saint Mary's for several weeks conducting a study which will lead to the formation of the first university in their country. Since 1996, Saint Mary's has been delivering programs in The Gambia. By the Year 2001, there will

be nearly 250 Gambians with fully accredited Bachelor of Arts degrees from Saint Mary's. There is such a high demand for a university education in the country, that the Gambian government has now decided to create their own university, with the assistance from Saint Mary's.

Marketing the Internet



Dr. Ramesh Venkat, Director of the Master of Business Administration (MBA) program at Saint Mary's conducted a talk to members of the Metropolitan Halifax Chamber of Commerce on May 21. His talk, "Marketing on the Internet: Payoffs and Pitfalls," focused on the challenges and opportunities in advertising, pricing distribution of products marketed through the Internet, and consumer behaviour on the Web.

Graduates Travel Abroad



A group of University graduates has completed a three-week orientation and professional development training for internship positions they will hold abroad. The group consists of three distinct segments: interns managed by the International Activities Office at Saint Mary's for the Department of Foreign Affairs and Inter-

national Trade; interns managed by International Activities for Human Resources Development of Canada who will be working with local firms with an international focus; and ten interns managed by the Greater Halifax Partnership who are all going to Sweden for six months.



Uteck Breakfast Roast

There wasn't a seat to be had at the Larry Uteck Breakfast Roast on May 7. The purpose of the event was to raise money for the Brain Injury Association of Nova Scotia. Just before breakfast was served, the crowd stood and applauded as Uteck and his two children, Luke and Cain, entered the Tower gym in a Rickshaw.

Good-bye Judith!



A farewell party for Judith Murray (second from left) was held at the Tower Courtside Lounge on June 2. Murray, who served as Director for the Institutional Analysis/Planning Department, has just taken a new position with Information Technology Institute (ITI). Joining her are, from the left: Catherine Murray, Daphne Tucker, and Adrienne McCarthy.

Business in Brazil



A business seminar, "Advancing Atlantic Canada Business Interests in Brazil" was held at Saint Mary's on June 4. Those attending the seminar included faculty, staff, Master of Business Administration (MBA) students, and local business people who are currently conducting business in

Brazil. From the left is: Todd Winterhalt, Trade Commissioner in Brazil; Ray Ferguson, Honourary Consul for Brazil; Michael Spencer, Consul General for the Canadian Consulate in Sao Paulo; and Colin Dodds, Vice-President, Academic, Saint Mary's University.

Sobey Building is Almost Completed!

In just two months, the new Sobey Building will open its doors to students from across Canada and around the world.

According to Dr. Kenneth L. Ozmon, the new building and the newly renovated Loyola Academic Complex will feature state-of-the-art teaching and research facilities while maintaining the University's commitment to a student focused teaching and research environment.



The front of the new building.

Highlights of the new Building

- 1,000 (new) Internet access ports
- Seven multi-media classrooms
- Six advanced multi-media classrooms
- Four new and renovated computer labs
- Outstanding lighting, ventilation and acoustics
- 75 per cent of all teaching in the Faculties of Arts, Science and Commerce will be in the new facilities.



The old computer lab in Loyola.



A much newer looking Loyola from the outside.

Good Ol' Charlie

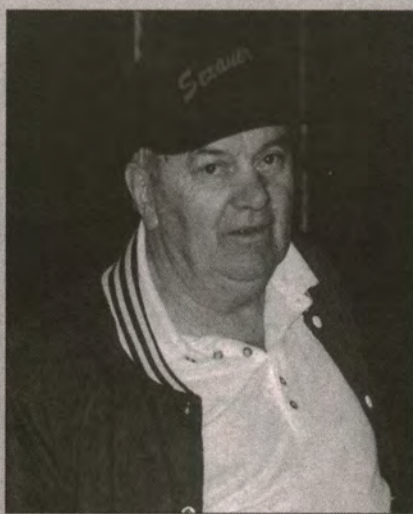
Charlie Malloy is proud of the fact that since he came to work at Saint Mary's, a contractor has never been called in to work on any of the university's refrigeration system. And that was 1982.

He arrives at work at eight o'clock every morning, he checks the compressor and the ice surface to make sure its smooth before his daily meeting with his colleagues. Ten o'clock is coffee break time and then it's back to work. On this particular morning with the Eagles playing on the radio in the background, Malloy stands where the ice would normally be during season and reflects on his career at Saint Mary's and in the air force.

He spent 21 years in the airforce as a aircraft mechanic. "I did a lot of flying, but I wasn't a pilot," says Malloy. "Then I mustered over to refrigeration." That's when he came to work at Saint Mary's.

"I am certainly a familiar face on campus," he says. "Nobody ever bothers me, I know just about everyone on campus."

And Malloy loves hockey. He played hockey himself for many years in the airforce. He watches a lot of games and his favorite team is the Toronto Maple Leafs. His other favorite team is of course the

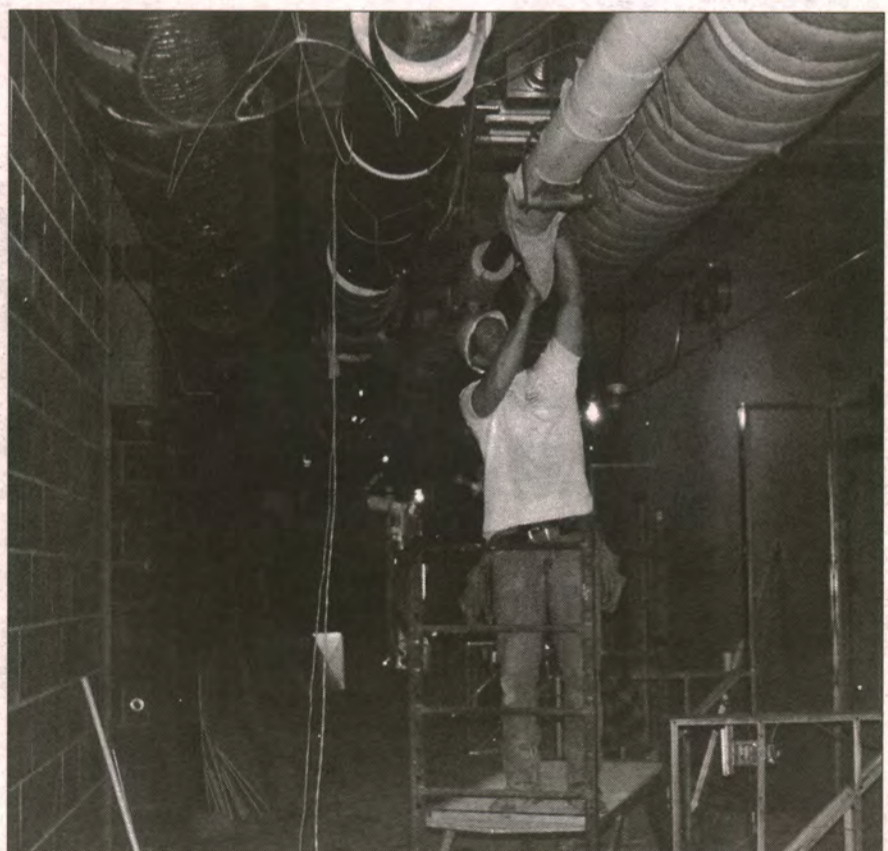


Charlie Malloy

Huskies'. "Watch out for them this year. Stienburg (Trevor) is one the best coaches I have ever seen. He works hard," says Malloy.

Next year after he retires, he says he will still come to the Huskies' games. "With Stienburg on board, I wouldn't miss them."

Malloy lives in Halifax and is married with three sons. ❖



Loyola being renovated.

The Class of 1998

Over 1000 students received degrees from Saint Mary's at this year's spring convocation. And a musician, writer, banker, photographer and judge were all honoured with honorary degrees from the University.

The afternoon and evening convocations went off without a hitch and the bleachers were packed with family, friends and well-wishers. One of the highlights of the convocation ceremonies was a performance by the Nova Scotia Mass Choir President, Linda Carvery, who received an honorary degree.

The evening ceremony was just as memorable as writer Sheree Fitch, another degree recipient, entertained the audience with snippets of her nonsense poetry. Also receiving degrees were photographer Sherman Hines, Senior Vice-President, Atlantic region of the Bank of Nova Scotia Jack G. Keith, C.M., and Nova Scotia Court of Appeal Judge Justice Ted Flinn.

Student medal winners were announced during the ceremonies. The undergraduate Governor General's Silver Medal winner was Shawn D. Riley and the graduate Governor General's Gold Medal winner was Peter Douglas Murphy. Other undergraduate medals went to Lynn Beazley in Arts, Alyson Bailey in Science, Scott Melvin in Engineering and Shauna Markham in Commerce.

Graduate medals also went to Thi Kim Anh Ha in Master of Arts (International Development Studies), Mary Elizabeth Harriman in Master of Business Administration (Dr. Harold G. Beazley Medal), co-winners David Coldwell and Edward Smith in Executive Master of Business Administration and Damien O'Keefe in Master of Science in Applied Psychology. Dr. David Cone, Department of Biology was the recipient of the Father William A. Stewart, S.J. Medal for Teaching. ♦



Tears of joy.

Look, I did it!



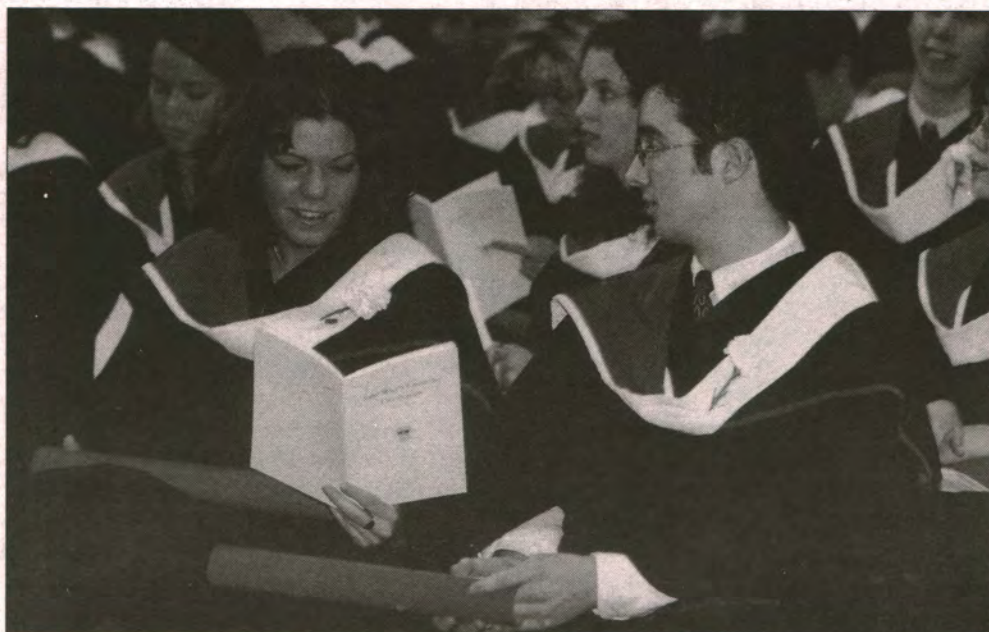
Take a look at us now!



Students and faculty from the Environmental Studies Department gather for a group shot. They are, from the left (back): Joshua Campbell, and Dr. Terence Day. From the left (middle): Allison Hynes, Erin Butler, Tammy Clarke, Michelle Morisson, and Sarah Bell. From the left (front) Leah Moore, Dr. Liette Vasseur, and Amy Harvey.



A view of the ceremony from above.



We're in the book!

Saint Mary's Teaches on the Web

Saint Mary's University will soon offer courses to students in every corner of the globe through the World Wide Web. Starting this September, the University will begin offering on-line courses.

"It's an incredible opportunity. The Web is a powerful medium and we will be able to reach the world with our courses now in a way that we never have before," says Dr. Michael West, Department of Astronomy and Physics. He will be one of two instructors offering courses on the web starting this fall.

Industry Canada is supporting the development and delivery of 22 courses on the Web across Canada. Half of those courses are being developed here in Atlantic Canada by six universities. In addition to Saint Mary's, UCCB, UNB, UPEI, Mount Saint Vincent University and Memorial University also received funding to develop courses for the Web.

The idea is to be able to provide a selection of courses that will provide a foundation of the first two years of university study to students no matter where they live.

On-line courses are part of Saint Mary's commitment to making the University - its courses and its faculty - even more accessible to more students. Each year, Dr.

West has to turn away over 100 students from his very popular course "Life in the Universe" because of the enrollment limit of 125 students. By offering this course on the Web, some of the traditional barriers of class size will be gone.

Dr. John Waldron, Department of Geology, is the other Saint Mary's professor who will offer his course, "The Earth from an Atlantic Canada Perspective," on the Web this fall. Two youth workers have been hired to help the professors develop the courses at Saint Mary's and a third with Nova Scotia Links Funding.

Some of the features of the Web courses to be offered at Saint Mary's will be interactive discussions, question periods, on-line quizzes, electronic bulletin boards for students and many more learning opportunities that the Web has made possible.

"For me it's fun just developing the course for the Web. It's lots and lots of work but it's well worth it and updating the course all the time will mean even more work," says Dr. West. "I am really looking forward to this entirely new way of teaching."

The Division of Continuing Education at Saint Mary's is overseeing the development of courses for the Web.

Professors Receive Grants to Study Women and Change

Saint Mary's professors have received two large grants totaling over \$90,000 from the Social Sciences and Humanities Research Council of Canada to study women and change. There were only 23 strategic grants given in this category in Canada.

Dr. Leonard Preyra, Political Science Department, received a grant for \$50,400 to investigate the implications of technological change for women's groups and policy making networks. "We live in an

age where decision making that is inclusive is important," he says. "There is a feeling that information technology will be much more democratic and empowering. We want to find out to what extent this is true, especially as it pertains to women's groups."

Dr. Najma Sharif and his co-investigator Dr. Atul Dar, both of the Economics Department at Saint Mary's, also received a grant for \$41,600 to explore the patterns and change in fertility and earning of immigrant wives in Canada.

Strategic grants are meant to provide policy makers with advice according to

Dr. Preyra. "I am very interested in the whole process of democratizing institutions, building inclusive institutions and I am interested in what role technology can play in this process," he says.

Dr. Preyra says that while a great deal has been said about the impact of technology on the global and national economy, particularly small and large businesses, it is difficult to find any research that examines how these profound changes are affecting "civil society." ♦

"There is a feeling that information technology will be much more democratic and empowering. We want to find out to what extent this is true, especially as it pertains to women's groups."

In The News...

Dr. Stephen Davis, Anthropology, was interviewed by the *Halifax Herald* about a Debert archeological site. He was also featured on Information Morning talking about the mystery walls in the woods outside Halifax. This interview also aired on CBC Toronto, Calgary and Fredericton.

Dr. Bob McCalla, Geography, was featured in an article in the *Halifax Herald* about the geographical information systems at Saint Mary's.

Dr. Therese Arseneau, Political science, discussed the thrown speech with CBC's First Edition. She was interviewed again by First Edition and CBC national radio after the provincial budget came down.

Blake Nill, Huskies' Football Coach, introduces his new coaching staff at a football reception covered by Global News, the *Halifax Herald* and the *Daily News*.

Dr. Leonard Preyra, Political science, was interviewed by Broadcast News about what it would take for the NDP to defeat the Liberal government. He was also spoke to C100, CJCH and CKTO Truro about the resignation of MLA Reeves Matheson from the NDP caucus. He appeared on CBC's National and he was interviewed by Global news after the thrown speech. He was quoted in the *Globe and Mail* about electoral change in Nova Scotia, the *Halifax Herald* about the latest leadership poll in N.S., and Quebec's *L'Actualite* on social democracy in Atlantic Canada. He appeared as a moderator on the View following the by-election in Halifax.

Dr. Laura Methot, Psychology, was interviewed by CBC's Information Morning and Mainstreet, about the increased noise that comes with warm weather.

Chuck Bridges, Director of Public Affairs, was quoted in the *Halifax Herald* about the role Saint Mary's plays in business education in our region. As President of The Canadian Council for the Advancement of Education (CCAEE) he was interviewed about the marketing of universities by CBC Saskatchewan, CBC Thunder Bay, CBC Edmonton, CBC Montreal, CBC Ottawa, CBC Halifax, CBC Calgary and CBC - This Morning.

Dr. Colin Dodds, Vice-President Academic and Research, was quoted in the *Halifax Herald* and *Daily News* and he was interviewed by CBC radio about the money allotted to universities in the provincial budget.

Mary Ellen MacEachern, Manager of the Student Employment Centre, was interviewed about summer employment opportunities for students on CBC Radio's This Morning.

Scholarly & Professional Development

Anthropology Department

Dr. Stephen Davis recently had a paper "History of Archeology in Nova Scotia," published in *Bringing Back the Past: Historical Perspective on Canadian Archeology*.

English Department

At the Congress of Social Sciences and Humanities at the University of Ottawa in May, Dr. Shao-Pin Luo gave a paper entitled "Foxes and Mushrooms: Myriad Shapes and Voices - Translation and Transformation in Hiromi Goto's Chorus of Mushrooms and Larissa Lai's When Fox is a Thousand," in a session on Asian-Canadian and Asian American Literature. At the same conference, Dr. Russell Perkin presented a paper, "From St. Paul to Pecksniff: *Trollope's Bertrams and Arnold's God*" in a session on theology and literature.

History Department

Dr. John Reid with Dr. Emerson Baker (Department of History at Salem State College) published a book titled *The New England Knight: Sir William Phips, 1651-1695*.

Management Department

Dr. Jamal Badawi was approached by the "Special Joint Committee on Child Custody and Access" in order to assist in a study conducted by the committee. The committee is a joint Senate-House of Commons body whose mandate is to examine and analyze issues relating to custody and access arrangement after separation and divorce. Dr. Badawi was previously consulted by the Federal Department of Justice concerning divorce and remarriage from Muslim perspectives.

Mathematics and Computing Science Department

Dr. Larry Hughes presented the paper "Compass Routing with IPv6" at the 1998 LAN-MAN conference being held in Banff. The paper describes the work Dr. Hughes is pursuing with colleagues at DalTech, developing the next generation of Internet Protocol based upon geographic addresses. Dr. Larry Hughes has been chosen as the Canadian editor for "Computer Science Education Journal."

Chemistry Department

Dr. Keith Vaughan has collaborated on two papers that have just been released in two well known science publications. The first, "1,2-Bis (1-aryl-3-alkyltriazene-3-yl) ethanes and related compounds" (with Donald Hooper, Ian Pottie, and Marc Vacheresse), appeared in the *Canadian Journal of Chemistry*. The second, "Crystal structures" of two 1,2-bis-(1-aryl-3-methyltriazene-3-yl-) ethanes with aryl substituents of opposite polarity" (with Ian Pottie, C.V. Krishnamohan Sharma, and Michael Zaworotko), appeared in the *Journal of Chemical Crystallography*.

Teaching English as a Second Language (TESL)

Maureen Sargent presented a paper, "Developing Content-Based EAP Materials: A Case Study," at the 32nd International IAEFL Conference, held in Manchester UK, from April 15 to 18.

"I Am Dedicated To It Because I love It," Says Medal Winner



Dr. David Cone in the lab with students.

Dr. David Cone, Biology Department isn't the kind of person to brag when it comes to winning awards, especially with the one he just received – the Reverend William A Stewart, S.J., Medal for Excellence in Teaching.

"It is a real honour to win such an award," says Dr. Cone while working with students in a biology laboratory on campus. A smile on his face, and the enthusiasm in his voice, clearly projects his true feelings.

At the same time however he also admits to actually feeling somewhat awkward about winning the top honours for teaching. "Students are very forgiving, and the faculty I work with each day are also extremely committed to teaching and have definitely played a key role in creating such

a diverse Biology Department," he says. "Maybe I'll cut the award up into pieces and share it with them." he says.

Dr. Cone was presented the award at the University's Alumni Annual General meeting on June 11. Each year a faculty member at the University receives the prestigious award for making an extraordinary contribution to the education of Saint Mary's through teaching in the University's tradition of quality undergraduate education.

He arrived at Saint Mary's in 1982 after graduating from the University of Guelph with a Bachelor of Science degree and a Master of Science Degree and from the University of New Brunswick with a doctoral degree. Shortly after coming to campus, he was appointed an Associate

Professor, and in September 1996, he was made a full professor. He served as the Acting Chair of the Biology department from 1987 to 1988 and has been the Chair of the Department since 1994, serving two consecutive terms, the latter of which will end in the year 2000. He has sat on the Saint Mary's University Senate Research Committee for seven years.

Over the last 17 years, he has earned a high level of respect from both colleagues and students. One of his students expresses their view of him by saying that "going into one of Dr. Cone's lectures is like going into another world."

Faculty members of the Biology Department call him "a passionate lecturer" who relates well with students. "Dr. Cone embodies what I hope is a new generation of University teachers. His approach to teaching can be characterized as enthusiastic, insightful, knowledgeable, and entertaining. Basically, what I think he does is humanize the learning process so the desire to learn comes from within the student rather than from external forces such as fear – typical of the authoritarian teacher/student relationship," writes one member of the Biology Department.

His classes consist of providing students with a hands on approach to learning. In anatomy classes in the lab, he uses an interactive, informal discussion format while examining actual specimens. He also ensures that students practice a substantial amount of field work to generate data used for class analysis and discussion.

Many students have sought him out to supervise their work, and a result is that a number of honours students' have had their

work published in well known academic journals. He has successfully supervised 11 honours student, and through an adjunct position at Dalhousie, four MSCs and one PhD.

One honours student indicates that "Dr. Cone has an overwhelming love of biology, and he conveys this through his teachings by making them fun while at the same time, very informative... I have witnessed his unselfishness towards students – he gives his students all of his time, and helps in any way he can."

During the summer months, he has employed a number of undergraduate students assistants as he believes that it enables them to become involved at a first-hand level with field laboratory research. His summer workers are given a large amount of responsibility, and have done much of the research independently. A result of this is that much of the work has ended up as joint publications with students in refereed journals, including the *Canadian Journal of Zoology*, the *Journal of Fish Biology*, and the *Journal of Parasitology*.

Dr. Cone is an Associate Editor of the *American Journal of Parasitology*, and the Vice Chair of the Parasitology Section of the Canadian Society of Zoologists. His commitment to societies such as these has an emphasis on young student members.

So, you can ask Dr. Cone about winning the Medal for Excellence in Teaching, and he'll keep on giving the same answer. "I am not dedicated to teaching and research because of awards. I am certainly pleased to be recognized for the work I've done. I am dedicated to it because I love it." ♦

Digging Up Bones

While most of us would consider a mass grave full of remains over 200 years somewhat gruesome, to anthropologists it is a buried treasure.

"It's like bringing them back to life, it's fascinating," says Dr. Paul Erickson, Anthropology Department. "I feel very privileged. It's moving and scientifically opportune."

And he doesn't mean a seance, when he speaks about bringing the bones back to life. What he means is giving a profile to the individual. Using the bones, it is possible to determine the sex, age, state of health, stature and even ancestry or race of the person.

The mass grave is located under the Little Dutch Church in the North End of Halifax. In 1996, Professor Paul Williams of the Anthropology Department and a crew of students began digging under the church as part of a proposed renovation project at the church. Their goal at the time was to determine the depth of the foundation of the church and to remove the contents from

three later 18th century crypts.

"There was some indication that we might find other bones," says Williams. A newspaper report recorded the discovery of the remains of 13 individuals during work on the church in 1896.

"We dug some test pits and in a fairly short time we realized we were into something fairly big," says Williams. "We found the remains of 11 individuals – some partial, some complete."

That was 1996, eventually they ran out of funding for the project and it was put on hold. A forensic report on the bones that were found was prepared by Nicole Lundrigan, an anthropology student at Saint Mary's.

In March 1998, the Parish of St. George's received some additional funding to finally repair the foundation as the church was in danger of collapsing. The anthropology team from Saint Mary's received a Nova Scotia Museum Research Grant to do some additional work.

"The working conditions were much better this time because of the renovations that had been done," says Williams. "Suddenly things that weren't apparent before, now were."

In the process of their work they discovered a small pit about 75 cm wide packed with human remains and building debris. "What we think we found were the remains of the 13 who had been reburied in 1896



Professor Paul Williams and Dr. Paul Erickson.

according to the newspaper report," he says. By examining their remains, Dr. Erickson has determined that they were relatively young adults and there was no apparent ill health.

Altogether the remains of about 40 individuals have been recovered in two seasons of work. The measurements are now being taken and imported into a computer program which will generate a profile of each individual. What is believed is that the bones in the mass graves are those of the first German settlers who died in a typhus epidemic shortly after arriving in Halifax in 1750-51. The grave pre-dates the church

which was built in 1756.

The analysis being carried out in the physical anthropology has also drawn the interest of Drs. Paul Neuman and Duane Guernsey of Dalhousie's School of Medicine who are planning to carry out a DNA analysis of the bones.

"This is the only excavation of this type in Canada – to actually excavate crypts and a mass-grave underneath a church," says Williams. "It is more common in Great Britain and Europe but unusual in North America. It is an extraordinary opportunity for our students and for us."

"We are literally staring Halifax history in the face," suggests Dr. Erickson. ♦

Huskies' Coaching Staff Training with Calgary Stampeders



Sports



Blake Nill introduces his coaching line-up. They include from left to right: Nill, Steve Sumarah, Ted MacLean, Andrew Williams, Steve Sarty, Sean Marriott, Andrew Conrad and Gordon Beattie.

When the Calgary Stampeders held their training camp in early June, two members of the Huskies' coaching staff were on the field with the players.

Saint Mary's head football coach Blake Nill and offensive coordinator Steve Sumarah were in Calgary for two weeks as training camp coaches with the Stampeders.

"It was a wonderful opportunity for Steve and me," says Nill, who was named head coach of Huskies' football earlier this year. "I look at it as professional development." This was Nill's second time working with the Stampeders. He played football with the Canadian Football League for five years.

Nill was working with the defensive line while Sumarah was training with the quarterbacks on the team. "It's a matter of evaluating players, running drills, providing input and much more," says Nill. The team is weeded down from upwards of 75 players at training camp to 50 or so according to Nill.

"CIAU coaches make great training coaches for the CFL because the CIAU level is well respected and the techniques and the systems are not all that different," says Nill.

When Nill returned from Calgary, his focus switched to his own training camp with the Huskies' that begins in late August. For the most part, recruiting for next year's team is complete. "I have identified the recruits and now it's a matter of having them staying focused on coming here," he says. "They can be easily influenced at this stage." But Nill is confident that he has sold them on Saint Mary's through emphasizing the "academics, athletics and the city, and in that order too." He is looking for upwards of 40 to 50 recruits.

Recruiting and off-season conditioning were Nill's major focus during the first few months as head coach of the football program at Saint Mary's. "The first two months were particularly busy. But that's what you expect to get started. I worked until 11 o'clock most nights."

Nill announced his coaching staff in late May. "I'm very pleased with the coaching staff. They are people who are all familiar with each other and they have all played or coached at the Vanier Cup except for

the training coach," he says. "They are all good football coaches. It is my job to put the best team possible on the field and I have chosen the coaches who will help me to do this."

1998 Huskies' Football Coaching Staff

Sean Marriott - Defensive Line

As a defensive stalwart on many great Huskies teams, Sean went on to play in the Canadian Football League with the Ottawa Roughriders, and the British Columbia Lions.

Andrew Williams - Defensive Backs

Following Coach Nill over from St. Francis Xavier, Andrew was a four year starter, and two-time AUSA all-star rover with the X-Men. Andrew is also a capable "spotter", having worked in that capacity with the X-Men in 1997.

Steve Sumarah - Offensive Coordinator

Steve, a former receiver for the Huskies returns to the program as the Offensive Coordinator after spending the last three seasons tutoring the quarterbacks at St. Francis Xavier. Steve brings with him unlimited knowledge specializing in West Coast offenses. He is also the current Head Coach with the Nova Scotia under 19 team, which will compete in the Canada Cup in July of 1997.

Gordon Beattie - Offensive Line

Gord brings exceptional credentials to his posting, having played on the line for both Acadia and St. F.X.. During the past three years Gord played a major role in the development of the X-Men O-Line. In the past he has also coached in the Mississauga (Ontario) region and locally for Queen Elizabeth High School. Presently Gord is also responsible for the coordination of the offense for the Provincial under 19 squad.

Steve Sarty - Receivers

Steve a former standout wide receiver with the Huskies returns to this year's team as the receivers' coach. Steve concluded his playing career at Saint Mary's as the Huskies all-time leading receiver. Steve is also a member of the 1998 edition of the Nova Scotia 19 and under team.

Dan Palov - Running Backs

As the Huskies backfield coach, Dan Palov resumes his coaching career with his fourth AUSA program. Prior to coming to Saint Mary's, Dan held coaching positions at the University of New Brunswick, the University of Prince Edward Island, and at Acadia University where he coached for sixteen years.

While at Acadia, Dan was part of two National Championship teams and personally coached three Hec Creighton Award winners.

Ted MacLean - Defensive Scout Team

While at Saint Mary's, Ted was an all-conference tackle and winner of the Russ Jackson Award for contribution on and off the field. Ted is also heavily involved with the Quarterback Club, acting as the chairperson for the 1998 season. Ted's involvement in football is also seen at the com-

munity level where he coaches both in the Senior League and with the Nova Scotia Provincial Team.

Andrew Conrad - Strength and Conditioning

With the new emphasis on fitness, the Huskies Program is very fortunate to have acquired the likes of Andrew Conrad, who is also an alumnus of Saint Mary's. Andrew is a former nationally ranked hurdler, and member of the national bobsled team.

Paul Mason - Team Manager

Paul returns for his 18th year as the Huskies manager, dealing with the numerous issues associated with off-field management. Paul's hard work takes much of the burden off the coaching staff who appreciate him tremendously. He is dedicated to the Huskies program and is significant to its success. ♦

Camp of Champions

Girls Basketball

July 13 - 17 & August 10-14
Ages 8 - 18
Elite Camp, August 17 - 20 (6:00 - 9:00 p.m.)

Girls Volleyball

August 24 - 28
Ages 12 - 18

Boys Basketball

July 20 - 24 & July 27 - 31
High Intensity skills, August 10 - 14 (7:00 - 10:00 p.m.)
Competition Camp, August 24 - 28 (7:00 - 10:00 p.m.)
Ages 8 - 16

Multi Sport

July 6 - 10 & August 17 - 21
Ages 6 - 10

Mini University

July 13 - 24, Ages 10 - 15
Courses being offered: Physical Education, Business, Computers & The Internet, Environmental Science, Global Issues, Astronomy

Brochures may be obtained at the Department of Athletics & Recreation, 2nd floor of the Tower Recreation Facility, 920 Tower Road, Halifax, or call 420-5429.

Website address: www.stmarys.ca

Hands That Heal

Danielle Smith has always played sports. She has also had her share of injuries. As a member of her university track team, she began receiving massage therapy for her injuries.

"I was amazed by the therapist and how very hands-on it was and how it gave immediate relief to my injury," says Smith. She was so impressed, that she now works as a massage therapist at the clinic in the Tower at Saint Mary's, where she has been employed for the past two years.

"I have been an athlete all my life and I've been through injuries and rehab. I have always been fascinated with the human body and how it is able to heal itself," she says.

Smith attended a two year massage therapy program in Toronto and began working at the Tower within a month of her graduation. She attributes her success at building a sizable clientele at Saint Mary's to the fact that the clinic takes a "multi-disciplinary" approach. "We offer physio, fitness and massage therapy all in one clinic."

Up until recently, Smith says that she has catered to primarily athletes but the doors are opening up to more of the pub-

lic. She works with patients with a wide range of complaints including acute and chronic injuries, shin splints, lower back pain, tension headaches and sometimes very obscure pain where the source has to be found. More and more people are coming to see her for a relaxation massage.

"It's a very natural approach. It gets right to the source of the pain and corrects it, instead of just masking it like mainstream medicine," says Smith. And her success rate is great. She says that massage therapy is effective in 80 to 90% of specific acute injuries.

Smith recalls one woman who came to see her with severe chronic back pain. She had seen several doctors and therapists already, and she had tried some homeopathic medicines. "It was something as simple as tight hip flexors. As soon as they were released, the problem cleared up," she says.

"I think of myself as the catalyst. I find the source of the pain, adjust a few things and the body heals itself," says Smith. "It's like my hands have ears and they can listen to the body's needs."

Anyone interested can contact Danielle at the Tower clinic by calling 496-8186. ♦