



Saint Mary's Times

Saint Mary's University, Halifax Nova Scotia

June 1994 • Volume 23 • Number 7



Looking up

Hundreds of people came to the campus May 10 to watch an eclipse through telescopes and mylar glasses supplied by the Department of Astronomy and Physics.

Story page 3

NSERC, SSHRC grants announced

Saint Mary's researchers maintain a fairly steady showing in the 1994-95 NSERC and SSHRC awards results.

Awards from the Natural Sciences and Engineering Research Council of Canada are up 8.5 per cent from last year. Peter Ricketts, University Research Officer, reports that applications from new faculty for Research Grants did particularly well, with five out of six receiving grants.

Unfortunately, all four of the applications for Equipment Grants were turned down. Such grants seem to be becoming increasingly elusive for small universities, a situation that is being monitored by the University.

Dr. Ricketts says, "Our overall application success rate for NSERC Research Grants remains very high at 86.7 per cent." He adds, "the fact that we have achieved this increase solely on the basis of our Operating Research Grants means that we are expanding the number of faculty funded by NSERC, and this bodes well for the future."

Funding from the Social Sciences and Humanities Research Council for 1994-95 is down slightly from last year. Of the 16 grant winners, four are new applicants and 12 are continuing from previous years.

In all, it was a mixed success rate for the new SSHRC applicants. In the Research Grant category, only two out of 12 new applicants were successful. Dr. Ricketts points out that, "of those 10 rejections, four applications were in fact recommended for grants, but were not supported due to lack of funds." In the Strategic Research Grant category, the results were excellent, in that both new applicants received grants.

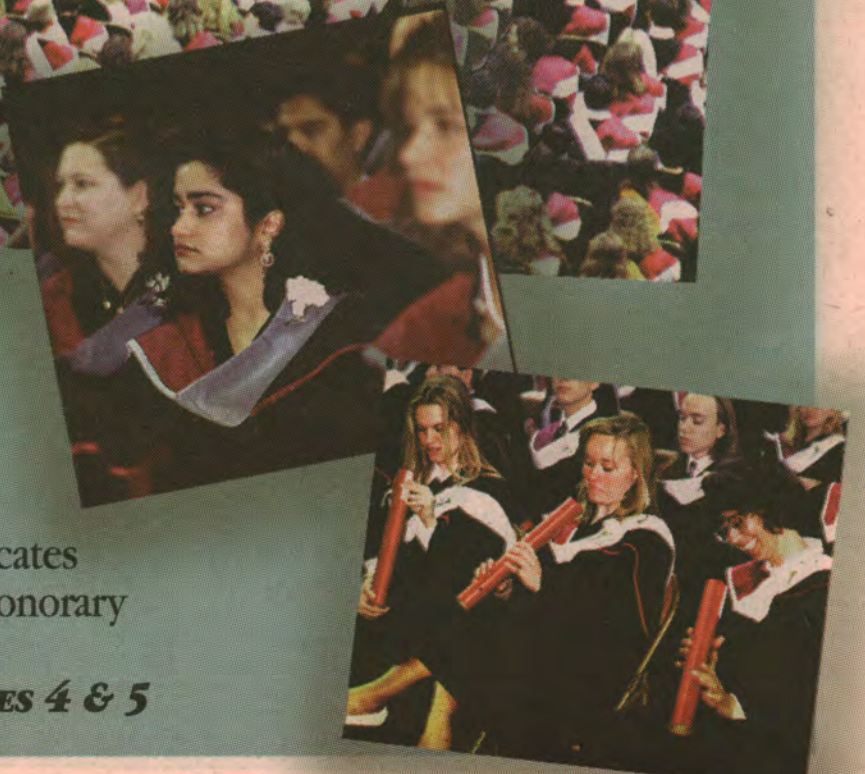
Overall, Saint Mary's continues to do well in research grant funding from SSHRC. Dr. Ricketts says that a recent report by SSHRC shows that in comparison with other small universities over the period of 1992-95, Saint Mary's ranks first nationally for dollars received from Strategic Grants and fifth for dollars received for Research Grants.

Convocation biggest ever



THIS YEAR'S ceremony was the largest ever at Saint Mary's, with 1,100 students receiving degrees, diplomas and certificates and three people receiving honorary degrees from the University.

MORE PICTURES PAGES 4 & 5



Around campus

Thank you for helping us build on our strengths.



One step closer

Friday, May 6, Dr. Ozmon traded his suit jacket for painter's coveralls to help add a tier of paint to the Building on Strength billboard on Inglis Street. The Capital Campaign recently passed the \$8 million mark, and is steadily making its way towards the target of \$12 million.



Farewell to an old friend

After eight years, it's hard to say good-bye, but on Thursday, April 14, that's just what happened when the harness was taken off Atari for the final time. Since 1988 Atari had been the seeing-eye dog for Barry Abbott, Rehab Counsellor at the Atlantic Centre. However, after years of hard work and good service, it was Atari's time to retire. Friends came to a farewell lunch in the Gorsebrook lounge for one last greeting. Soon after Atari left, Barry was off to Ottawa for a month of training and orientation with his new seeing-eye dog.

Would you like a donut with that?

Friday, April 15th was Tim Horton's camp day at Saint Mary's. On this day, all of the money from coffee purchases went to the Tim Horton's Children's Foundation, and its summer camps for disadvantaged children. Almost \$480 was raised. Seen here, Dr. Kenneth Ozmon, President of Saint Mary's and



Dalton Mather, Director of Food Services help pour some coffee.



Former editor retires

Friday, May 13, members of the Saint Mary's community came to the Public Affairs offices to say goodbye to Assistant Director Anne West, who retired after eight years at the University. Anne had been editor of *The Times* from 1986-1993, and dedicated her final year at Saint Mary's to the design and production of almost all of the University's other publications—a formidable task!



Reception for retiring prof

Dr. Linda Christiansen-Ruffman (Sociology) and Dr. Michael Larsen, Dean of Arts are a few of the people who came to the May 2 reception for retiring Sociology professor Dr. Helen Ralston (centre). Dr. Ralston was named Professor Emeritus the following week at the spring convocation ceremony.



Poetry prize winners

Winners of the 1994 Joyce Marshall Hsia Memorial Poetry prize received their awards on Friday, May 6. Seen here (l), Alix Smyth, who tied for third place honors with Steve Vernon (missing from photo), and first place winner Jenny Haysom standing with Dr. Rowland Marshall, who was a member of the Philosophy Department until his retirement last year. Dr. Marshall established the prize in memory of his sister. Also missing from the photo is second place winner Margo Wheaton.

Obituary / Dr. Gerald Gordon

Psychologist well known for achievements

Dr. Gerald Gordon, a well-known psychologist and former chair of the Saint Mary's Psychology Department (1968-1972) died March 29, 1994 in the Victoria General Hospital.

Born in London, England, Dr. Gordon obtained his PhD in Psychology in 1967 from the University of London. That same year he moved to Halifax and became an assistant professor at Saint Mary's. Actively involved within the University community, Dr. Gordon became a member of the University Senate and Board of Governors (1968-1972) and was president of Saint Mary's University Faculty Association.

From 1972 to present, he was Executive Director of the Atlantic Child Guidance Centre. Dr. Gordon received a number of awards and fellowships for his excellent contributions to the field of psychology. Such honors included being named a fellow of the Association of Psychologists of Nova Scotia, of the Canadian Psychological Association and Associate Fellow of the British Psychological Society. In 1993 the American Psychological Association awarded Dr. Gordon the Karl F. Heiser Presidential Award for his advocacy on behalf of Professional Psychology.



Dr. Terry Piper

Education dean leaves for Memorial

Terry Piper, Dean of Education will be leaving Saint Mary's for her new position as Dean of Education at Memorial University in Newfoundland.

"I worked in three large universities before coming to Saint Mary's, and I have never met another group of academics anywhere who are as dedicated to excellence in teaching as members of this faculty," says Dr. Piper, in a February 1993 interview with *The Times*.

Appointed Saint Mary's first woman dean in January 1993, Dr. Piper has worked tirelessly to improve excellence in teaching, training and research not only at the University, but throughout the province. In 1990, Dr. Piper joined Saint Mary's as a professor of education and director of the English as a Second Language Centre. Over the years, she has steadily worked to improve the quality of education, both within Nova Scotia and internationally.

While she will be missed by her colleagues, students and friends, Dr. Piper will be taking all of the experience she has gained at Saint Mary's with her to her new job. Her new appointment begins July 1, 1994.

Letter from the editor

Starting with the next issue of *The Times*, a new editor will be taking over the reins, which include writing, photography, production and distribution responsibilities.

Renee Field comes to the position of Editor with a BA from Dalhousie and a degree in Journalism from Ryerson Polytechnical University in Toronto. Before joining the Public Affairs Office at Saint Mary's, Renee worked at the IWK Children's Hospital and helped write and edit the hospital's magazine.

I greatly enjoyed my year as Editor and appreciated the assistance and patience I received from everyone at Saint Mary's. I know Renee will receive the same generous treatment that I did.

Saint Mary's is an exciting university, and I look forward to hearing about events here after I move to my new home in Vancouver, B.C.

Valerie Dahl

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International geography conference a first for Canada

by Renee Field

For the first time ever, the International Geographic Union Commission (IGU) on Marine Geography Conference was held in Canada. Saint Mary's hosted the event from May 12-16.

"It's really quite exciting," says Dr. Douglas Day, Chair of the Geography Department. "Marine geography meets once a year. This year's meeting at Saint Mary's is the first to be held in Canada." In past years the IGU has met in Spain, the United States and Eastern Europe.

The IGU has over 400 members from all over the world. As part of this year's conference the University hosted a number of speakers from countries such as India, France, Italy and Wales. There were also a number of speakers from other Atlantic universities, consulting



Geography professors Dr. Douglas Day (l) and Dr. Robert McCalla (r) speak with Dr. K.L. Narashimha Rao, who came from India to participate and speak at the conference.

organizations, and government agencies, such as the Department of Fisheries and Oceans, Bedford Institute of Oceanography and the Oceans Institute of Canada.

There are all sorts of conservation models on land, such as nature reserves, national parks and national trust lands held in the United Kingdom by the Royal Society for the protection of birds. But

conservation has yet to reach the depths of the ocean floor, says Adam Cole-King, a graduate student from the University of Wales, who spoke at the conference.

Cole-King, 27, and colleague Oliver King, 25, were the youngest members presenting at this year's conference. Both spoke about the need for some type of ocean management, either through the development of ocean parks or user fees for beach use.

"One of the problems is that the debate over marine environments has been too narrow," says Cole-King, adding "there has been too much focus on the fishermen and it needs to become a public democratic issue." Cole-King's presentation, "Marine Conservation and Public Policy," was a United Kingdom model, which stressed that some type of

ocean management, possibly using land conservation models, needs to be developed to ensure the future of the world's oceans.

One dedicated speaker, Dr. K. L. Narashimha Rao, arrived early Saturday morning after a long flight from India. Besides sitting through the morning presentations with jet-leg, Dr. Rao presented his topic "The changing role of small and medium-sized ports in Coastal Andhra, India," that afternoon. Originally his lecture was scheduled for the previous day. Organizers Dr. Day and Dr. Robert McCalla, both of the Geography Department, quickly re-scheduled him as the last speaker for Saturday's presentations.

The three day conference was followed by two days of field trips to the Bay of Fundy and South Shore. With over 30 speakers the conference was

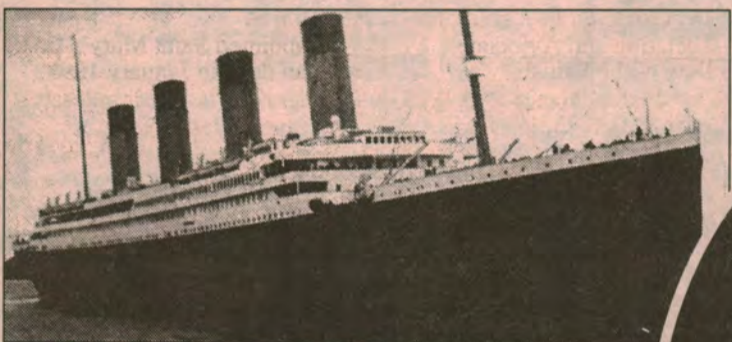
broken into six topics, including presentations on Canada's Oceans Policy, which in turn included discussions on extensions of the 200 mile fishing limit, the development of both Canadian and International ports, and the issue of Public Policy and the Fisheries Development.



Children and adults watch the eclipse through telescopes and other viewing devices set up in front of McNally.

Titanic will never be raised

Rust in peace



by Renee Field

The dream of raising the titanic literally falls to dust, says Steve Blasco, Geophysicist for the Geological Survey of Canada, who spoke at the recent IGU conference held at Saint Mary's.

"At a depth of 3,800 ft, even if the Titanic was completely intact as some people think it is, the water pressure bringing it to the surface would cause everything to collapse," he says.

Blasco's presentation and slide show, "Exploring the Wreck of the Titanic: Scientific Investigation 3,800 metres deep in the Atlantic Ocean," captivated his audience. Although Blasco joked that he'd like to take the audience "on a dive to visit the wreck of the Titanic," it wasn't hard to visualize the dark ocean depths in the pitch black auditorium in the Burke Education Centre.

Only with help from the Russian Academy of Sciences

■ ABOVE: The white star liner, the Titanic, on her maiden voyage from Southampton, England to New York.

■ RIGHT: An underwater glimpse of the bow of the Titanic today, 3,800 feet underwater, off the coast of Newfoundland.

■ BELOW: AN MIR-submersible being lowered from a Russian ship. It was used by IMAX Corporation to power their cameras.



and IMAX Corporation are clear images of the wreck becoming available. IMAX contracted the Russians for their MIR submersibles, says Blasco, adding "the Russian MIR's were the only ones capable of supplying enough battery power to run the



IMAX cameras."

Blasco, who had a chance to see the wreck of the Titanic close-up after an 11 hour dive to the bottom, remarked that the ship was filled with rusticles, streams of rust that look like icicles, but crumble to the touch. Only three other wrecks are known to have developed this phenomenon.

The Titanic, called the unsinkable white star liner, sank on its maiden voyage from Southampton, England to New York on April 14, 1914. The

ship collided with an iceberg off the coast of Newfoundland. Two hours and forty minutes later the ship was sunk and 1,500 people were killed.

Myths surrounding the ship have grown over the years, but on September 1, 1985 the wreck was located by a US-French team of oceanographers. After 80 years on the bottom, says Blasco, there's still a lot to learn about what happened to the ship. One thing that has been discovered is that the valley where the Titanic rests, known as Titanic Canyon, is slowly eroding, not building up sediment, as previously thought.

Looking up

In defiance of the meteorologists' predictions Tuesday, May 10 was a nearly cloudless day, and people turned out in the hundreds to watch the annular eclipse from the front lawn at Saint Mary's.

The Department of Astronomy and Physics and members of the Royal Astronomical Society hosted the event. They gave out special mylar glasses, had filtered telescopes set up, and mingled with the crowds, answering questions and explaining the eclipse.

"We got a lot of good comments from people who came, they seemed to be really enjoying themselves," says David Lane, department technician and one of the event organizers.

"I was especially pleased to see children there, it's always nice to see kids get interested in science." Lane adds, "I think they really enjoyed viewing the sun through the telescopes, they were surprised at what they could actually see."

Lane says that at the height of the eclipse, "it was standing room only on the lawn. We had given away 700 mylar glasses in 40 minutes, and at three o'clock, it seemed one in three people had the glasses, so I'd estimate anywhere from 1,000 to 1,500 people saw at least a portion of the eclipse at Saint Mary's."

Halifax enjoyed one of the best views of the annular eclipse in Canada. Those who missed it will have another chance on June 10, 2021.

Student lands top environment co-op job

Of sustaining interest

ASK GREG YETMAN, 3rd year Arts, about sustainable development and he'll reply with facts, figures and quotations on the topic. Greg's knowledge and interest helped him land a prestigious summer co-op position with the National Round Table on the Environment and the Economy (NRTEE) in Ottawa.

Greg is one of two students accepted to a 16-week term with The Roy Aitken Sustainable Development Internship Program, with the NRTEE. Roy Aitken, as a founding member of the National Round Table, promoted the view that the environment and the economy must be combined in planning by decision makers.

A significant portion of Greg's work term will be devoted to conducting research on the greening of businesses, with some time possibly spent on the Atlantic fisheries.

Greg's work with the NRTEE is a logical progression, in light of his previous co-op placements. For his first co-op term, Greg worked on the Environmental Leadership Program, a project co-sponsored by Nova Scotia Department of the Environment and Canada World Youth. He spent seven weeks of the term in Costa Rica, studying development issues such as North-South relations and their effect on the countries' economies and environments.

Greg's second work term was spent at Saint Mary's, working with Dr. Terence Day (Geography). As Director of the Atlantic Canada Centre for Environmental Science, Dr. Day is involved in a number of projects. Two that Greg worked on were; a SSHRC-funded program to develop marine mining in Atlantic Canada, and research towards the development of an Environmental



Greg Yetman

“ Sustainable development is important,” says Greg. “If we learn to engage in a ‘prudent use of resources’ we’re on our way to solving the world’s environmental problems.”

Leadership program, to be offered by Continuing Education at a later date.

Greg's co-op work terms are more than just short-term placements—for him they are opportunities to contribute to a field in which he has a great interest. “Sustainable development is important,” says Greg. “If we learn to engage in a ‘prudent use of resources’ we’re on our way to solving the world’s environmental problems.”

Speaking before he started with the NRTEE, Greg said the placements he has had through the co-op office have been “outstanding. Given the challenges and responsibilities I’ve had in my first two terms, I’m looking forward to being a part of the Roy Aitken Program, and contributing to its projects.”



Honorary degree recipient Dr. Hank Snow receives his degree from Dr. Ozmon in a special ceremony in Nashville. A video of the event is shown during the May 9th convocation.



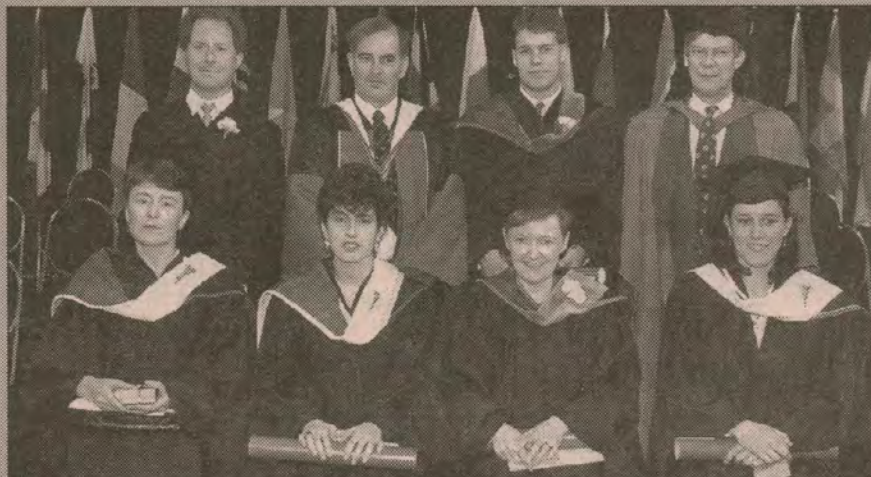
Honorary degree recipient Dr. Ronald Wong is congratulated by Dr. Kenneth Ozmon.



Honorary degree recipient Dr. Evelyn Pollard with Dean of Arts, Dr. Michael Larsen.



Left to right: Governor General's Silver Medal award winner Scott Furey (BSc), Governor General's Gold Medal winner Scott Vernon (MA in Education) and Science Faculty medal winner Len MacGillivray (BSc).



Medal winners left to right, front row: Judith Forbes, Arts medal; Heather MacKinnon, Education medal; Marian Walsh, EMBA medal; Emily Burton, Master of Arts medal. Back row, left to right: Michael Thompson, Engineering medal; Dr. Cyril Byrne, Father William J. Stewart Teaching medal; David Sykes, Commerce Birks' medal; Dr. Colin Dodds, Vice-President, Academic and Research.

Convocation



Jo Ann (BA, Religious Studies) and husband Ken Schiffner (BA, IDS) graduate together at this year's Spring Convocation.



Chanse Holder (BSc) with his wife Lisa and their 14-month-old son Dallas. (Photo by Renee Field)



Kim Squires, Manager, Personnel Services, is one of the many volunteers who help students prepare for convocation. Kim pins a flower onto Sandy Leung's (BComm) hood.



Jill Andrea Murray (BComm) gives the Valedictory Address.



One more hug



Proud friends

Education 94



before the ceremony.



and parents



Randy Burnie (BComm) waits for the ceremony to begin.



Students listen to a speaker before turning to watch Hank Snow address his fellow graduates.

Affirmative action agreement signed



Wednesday, April 27, Dr. Kenneth Ozmon, President, Saint Mary's University and Dr. William Gillis, Deputy Premier and Minister of Justice met to sign the University's Affirmative Action agreement with the Nova Scotia Human Rights Commission.

Saint Mary's University and the Nova Scotia Human Rights Commission have signed an Affirmative Action agreement for the University.

The agreement is intended to "direct the action of Saint Mary's...President, Board of Governors, Senate, faculty and administrative officers to continue to provide equal educational or employment opportunity to all qualified persons without regard to such characteristics as race, religion, colour, sex, sexual orientation, ethnic or national origin, place of residence, marital status, age, political affiliation, socio-economic status, physical or mental disability."

The agreement will also encourage the University "to take affirmative action consistent with the [its] contractual obligations and financial resources in instances where access to employment or educational opportunity has been limited..."

The agreement also states that the implementation of the policy will not result in job loss or diminution of responsibility for any of the University's current employees.

The agreement was signed by Dr. Kenneth Ozmon, President of Saint Mary's; Dr. Bridglal Pachai, Executive Director of the Nova Scotia Human Rights

Commission; and Dr. William Gillis, Deputy Premier and Minister of Justice.

"We're very pleased to have signed this agreement," says Dr. Kenneth Ozmon. "By assuring long-term equality for all of our staff and students we are reaffirming our status as a forward-looking institution."

An advisory council, composed of representatives of faculty, support staff, administration, students, the Board of Governors, and visible minorities will be formed. The council will advise and make recommendations to the President on matters relating to educational

and employment opportunities for disadvantaged and under-represented groups.

Throughout the implementation process, the University will consult with the Nova Scotia Human Rights Commission.

Further developments, in regards to the formation of the advisory council and future policies will be relayed to members of the University community. In the meantime, a copy of the original agreement will be made available to each member of the faculty and staff, and to any interested groups or individuals.



Participants of the Atlantic Canadian initiative gather on the steps of the McNally building.

Atlantic Canadian activities discussed

Friday, April 29, 14 francophone women came to Saint Mary's to learn about some of the activities and initiatives of Atlantic Canadians.

Presentations were given by Dr. Colin Dodds, Vice President, Academic and Research; Dr. Scott Carson, Dean of Commerce; Denis LeClaire, Director, Centre of International Activities; and Carter MacDonald, Director of Security. The participants were also given a tour of the Atlantic Centre of support for disabled students, led by Fred McAvoy, learning disabilities counsellor.

The trip was part of the Career Assignment Program, which gives the participants, all middle managers in the federal public service, the opportunity to understand the interests and concerns of people living in all regions of Canada. The course is sponsored by the Canadian Centre for Management Development (CCMD) in Ottawa, and the visit to Saint Mary's was co-ordinated by Carter MacDonald.

Social Sciences and Humanities Research Council awards for 1994-95

Sociology

Dr. Gail Kellough
Presumed Innocent, Social Defence, Legal Equality: Discretionary law and the ethics of pre-trial detention

Dr. Linda Christiansen-Ruffman
Women's organizations in the university and research policy sector: A research network and feminist change laboratory

Dr. John McMullan
Private coercion and crime control: A study of profits, markets and power in entrepreneurial police work

Dr. Helen Ralston
Gender, ethnicity, race, class and state policies in the experience of south Asian immigrant women in Pacific countries: A comparative study

Dr. Henry Veltmeyer
Economic liberaliza-

tion in Latin America: Assessing its impacts and the strategic response of popular sector organizations

Sociology and Economics

Dr. Patricia Connelly and Dr. Martha MacDonald
"The Missing Middle" - missing women

Economics

Dr. Andrew Harvey
Activity settings: Design, measurement and analysis

Psychology

Dr. Heather Chipuer
Sibling and parent-adolescent relationships: A family systems perspective

Dr. Serge Desmarais
Getting what we deserve: A cross-national analysis of factors contributing to gender differences in perceived

income entitlement

Geology

Dr. Terence Day
Offshore sand and gravel extraction in Maritime Canada

Dr. Peter Ricketts
GIS applications in coastal environmental emergency contingency management

Management

Dr. Terry Wagar
A longitudinal study of human resource management and employee involvement: Evidence from employers, unions and employees

History

Dr. John Reid
Aspects of the history of Acadia and New England, 1651-1720

Philosophy

Dr. Arthur Monahan
Monograph on 17th and 18th Century Western political thought

Trees planted to spruce up campus

by Renee Field

With the weather finally starting to warm up, and the buds of trees slowly emerging, what better time to celebrate the coming of summer than by planting a tree.

Anyone with a green thumb will truly appreciate all the hard work that went into making the second year of the tree planting program at Saint Mary's a hit. This year 25 summer students and three faculty members from the Science departments spent the morning of May 12th digging holes, carting fertilizer and compost around the campus and putting in stakes and trees.

Twenty-five trees, including cherries, crab apples, two magnolias, a red bud, kentucky coffee, golden chain, catalpa and tulip trees were planted. The flowering trees, such as cherries and apples, were planted on the back slope of the track next to the Loyola Academic Complex, so that



Dr. David Richardson and chemistry students, Jaqueline Surette and Lorelyn Meisner, hard at work planting trees in front of the Loyola Building.

area will be colorful in the spring, says Dr. David Richardson, Dean of Science. The catalpa tree was planted near the library, while the kentucky coffee tree, tulip tree and honey locus trees were planted around the Burke Education building.

"Last year's trees were a

success," says Dr. Richardson, a member of the tree planting team. "All of them lasted through their first winter and only one needed to be replaced after vandalism. We had a positive response to last year's project, but this year even more students participated."

Gordon Grovestine, of the Biology Department, helped Dr. Richardson co-ordinate the program.

With 35 trees planted last May added to this year's contribution, the campus is now home to 60 new trees and over 40 different species.

The tree planting program is partially funded by Tree Plan Canada, which is managed jointly by The National Community Tree Foundation and Forestry Canada and in part by Saint Mary's. The tree planting program is part of the University's preparations for bicentennial celebrations in 2002.

EMBA refresher workshops

For EMBA students, completion of the degree no longer means the end of education at Saint Mary's. The learning continues through refresher workshops offered throughout the year to EMBA graduates, students and business faculty.

There are now over 60 EMBA graduates in almost as many organizations in Nova Scotia, New Brunswick and Newfoundland. Many had expressed an interest in continuing their involvement in the EMBA program through workshops, which allow them to apply the analytical tools they had learned and to update their knowledge of business.

Dr. Herman Schwind, past EMBA Director, organized the first series of workshops held

Participants in one workshop session (back, l to r): Dr. Cathy Driscoll, Jean Hatfield (both Management) and Dr. Harold Ogden (Marketing) join (front l to r): Bonnie Kirby, EMBA Manager, Janine Saulnier, EMBA '92 and Dr. Hermann Schwind (Management). The workshop facilitator for this session is Bernard Miller (far left), former Vice-President, Human Resources for Air Canada, now Director of the Advanced Management Centre at Henson College. Mr. Miller's session was titled "Re-organizing Air Canada."

during weekends this April and May. "Change is with us, in businesses and universities," says Dr. Schwind. "We better learn to live with it and make adaptation part of our organizational strategy."

The theme of the first refresher workshop, chosen by the EMBA alumni committee, was "Managing Continuous Change." Throughout the series, speakers addressed topics

such as "Downsizing at the Victoria General Hospital," "Re-engineering Nova Scotia Power: The Human Resource Aspect" and "Research on Downsizing: Canadian Data."

Dr. Schwind explains, "These workshops, using academics and practitioners as facilitators, help our EMBA graduates keep pace with today, and prepare them for the changes they'll encounter tomorrow."



Dr. Cyril Byrne gets teaching medal

According to one nominator, this year's winner of the Father William A. Stewart, SJ Medal for Teaching exemplifies all the best qualities of a Saint Mary's instructor.

"Dr. Cyril Byrne has demonstrated exceptional teaching ability, and takes a sincere interest in each and every student," says Pauline Bishop, who recently completed her first year of study at the



Dr. Cyril Byrne

University.

Dr. Byrne packs a lot of information, almost 15 centuries worth, into the one semester Introduction to Literature course. His students get much more than recitations and discussions of material. On one day they can expect to find themselves in the 14th century, riding along with the pilgrims on the road to Canterbury, on the next day they may be jostling for a place on the floor of The Globe Theatre, waiting to see Shakespeare's latest play.

"Dr. Byrne tells you all about the time the piece was written in. He talks about the language, the clothes, the politics, the lifestyles—it's as if he takes you there." Pauline adds, "The words just flow, he obviously knows and loves the material he presents."

For many students, Dr. Byrne's lectures do more than captivate. They also inspire. "I know a few people who changed their majors to English after taking courses with Dr. Byrne," says Pauline. When I started here, I had planned to go into Psychology, but now, after the Intro. to Lit. course, I've switched my major to English."

In addition to his fascinating presentation of material, students commend his patient approach in answering their questions and considering their ideas.

"I came to Saint Mary's after being out of school for many years, so you can imagine I felt quite intimidated when I started here," explains Pauline. "But Dr. Byrne and my other profs treated me and my classmates with respect and patience, both in and out of the classroom."

In addition to his duties as a full professor in the English department, Dr. Byrne was involved in establishing the Atlantic Canada Studies program and the Chair of Irish Studies. His continuing efforts in maintaining the programs have been outstanding. Since 1986 he has raised over \$1 million for the Chair of Irish Studies.

Dr. Byrne has also promoted Irish Studies energetically

throughout Canada and Ireland. His activities were acknowledged in 1993 when he was appointed to the Order of Canada, in recognition of his contribution to the field of education.

The Father William Stewart, SJ Medal for Teaching, sponsored by Saint Mary's University Alumni Association (SMUSA), is given to Dr. Byrne in honor of his "contributions in the classroom and extra curricular activities which have enhanced the life of the University."

Two join IEC staff

The International Education Centre (IEC) is pleased to announce that Mr. Juan Tellez and Ms. Phil Okeke have joined the IEC team.

Mr. Tellez, the new Assistant Director, is responsible for organizing community programs, such as lecture series presented by the IEC and libraries around the province. "Working with the IEC is very challenging, it's such a dynamic institution," he says.



Juan Tellez



Phil Okeke

A Quechua native from Bolivia, he brings a wealth of experience and education to his new job. Last year he was named representative of Bolivia's Vice-President to establish relations with indigenous and international development organizations in Canada.

Mr. Tellez is a 1993 graduate of the International Development Studies Master's program at Saint Mary's University. While studying he worked on a number of different projects within Nova Scotia's multi-ethnic communities.

Ms. Phil Okeke steps into the newly created Anti-Racism Educator position. She is responsible for promoting anti-racism projects within the province's communities and schools. "The idea is to work with teachers as partners, to help educate people about racism," she says. A PhD graduate in education from Dalhousie University, she was an active volunteer with the IEC before taking on her new position. Originally from Nigeria, Ms. Okeke plans to use her personal experiences, training and research to help eliminate racism in Nova Scotia.

A bicycle built for 34

Saint Mary's staff and faculty members participated in the first big bike ride around the Halifax Commons, on Monday, May 16. Over \$18,000 was raised for Easer Seals. The mighty bike campaign started in early May in St. John's, Nfld. and by the end of August it will arrive in Vancouver after visiting 80 communities across Canada. The goal is to raise \$2 million.



Blueberry insecticides: The answer is under your feet

by Renee Field

Dr. Doug Strongman of the Biology Department takes insects seriously. So seriously, that for the past three years he and his summer students have labored hour after hour to find out what kills those pesky bugs. The good news is that all this dedication is paying off, not only for him, but for the hundreds of blueberry producers in the province who are looking for alternatives to chemical pesticides.

The research undertaken by Dr. Strongman reveals that there are naturally occurring diseases which kill insects without harming blueberry crops. Since 1990 he has compiled and collected a number of different insect species from the soil in and around blueberry bushes in the Kentville and Springhill areas. Collecting insects is the easy part, the hard work is sorting them and trying to determine what killed them, he says. Armed with his second Natural Sciences and Engineering Research Council of Canada grant (NSERC), Dr. Strongman is opening up the possible use of natural insecticides to help blueberry growers protect their crop.

"I'm really impressed with the blueberry growers," says Dr. Strongman. "They don't want to use pesticides and if they have an alternative to chemical pesticides (such as fungi) for long term sustainability of their crop, they'll use it."

Dr. Strongman has identified at least six different insect species that routinely eat blueberry bushes. The most



Biologist Doug Strongman
Top: blueberry fruit fly

important insect is the blueberry fruitfly, which in its larva stage lives inside the berry and causes it to spoil easily. With help from his summer

research students Dr. Strongman has identified what kills the blueberry fruitfly — fungi. "The main objective is to identify disease-causing microorganisms in insects that eat blueberries," says Dr. Strongman, adding that "once pathogens are identified we hope to be able to manipulate them, and create a chemical-free pesticide."

After conducting 10 different experiments with the blueberry fruitfly and four species of fungi, he's been able to determine in what stage of its development the fruitfly is the most susceptible to disease and death. The good news for blueberry growers is that the larva of

the fruitfly is more prone to disease than any other stage in the development of the insect.

This news not only excites Dr. Strongman, but also the N.S. Blueberry Producers Association which has supported his research at the University.

Lowbush blueberries are the province's number one crop in terms of total acreage and export sales. In 1992, \$45 million was generated in the province through the production of blueberries, so it's no wonder blueberry growers have written a number of letters to the federal and provincial governments, encouraging them to fund Dr. Strongman's research.

Spraying the fungi on the soil just before the blueberry fruitfly larvae drop from the berry to the soil and burrow into the ground will infect a large number of larvae, killing them before they enter the second stage of development. Knowing when the fruitfly lays its eggs means it won't be hard for blueberry growers to estimate when the fungi should be sprayed for maximum death, says Dr. Strongman.

With the help of 4th year biology students Carmen Cranley, Marnie Levy and Darren Hoeg, Dr. Strongman is currently trying to find a way to deliver the spores of the fungi in the most effective manner. Once the fungi can be developed under the proper conditions in the lab, he hopes to replace chemical pesticides with the natural fungi-based ones.

Paper, scissors sun, rock

Friday, April 22 students from Tower Road and St. Francis elementary schools came to Saint Mary's to learn about the environment.

The students heard tips on reducing waste from members of ECOSS (the Environmentally Concerned Students' Society) and other environmentally active students. They looked at rocks and minerals through microscopes with the assistance of staff and students from the Geology

Department. They also learned how to view the May 10th annular eclipse safely, thanks to some words of wisdom from Astronomy and Physics Department faculty.

Reaction from the students was positive. From their hands-on inspection of mineral samples, to lively debates on land-fills and politics during the recycling workshops, the level of student participation was high. Some also appreciated



the opportunity to keep their baseball hats on during the visit — something not allowed in the classrooms.

Students from Tower Road sent a large thank-you card to the University, with a note, poem or drawing from each student, displaying some of what was learned during the trip.

A gripping experience

How to tackle tired, aching muscles

by Renee Field

Suffering from a sore back, pulled muscle, or simply stressed out? You might want to check out the massage therapist working out of the Sports Medicine Clinic at the Tower.

Wayne Pinel, a registered massage therapist, who has worked on athletes and performers, such as ballerina Karen Kain, is slowly making his office comfortable for patients. The aromatic scent of massage lotion is the first hint that something is new in the Sports Medicine Clinic. The second is the light wooden chiropractor bed which can fold up like a lawn chair, set-up in the corner. Pinel designed the bed specifically for the comfort of his patients.



Wayne Pinel gets ready to massage a student in his new clinic at the Tower.

Massage therapists are breaking new ground in Nova Scotia, says Pinel. "There are 10 registered massage therapists in Nova Scotia and approximately another 20 aren't registered. It's very important for people to make sure they get a registered therapist," stresses Pinel, who's a board member for the association of Massage Therapists of Nova Scotia and a regular massage therapist on call for the Canadian Sports Massage Association.

A registered massage therapist has to be 20 years of age or older. Therapists must have completed a post-secondary education, a two-year massage course from a registered college in either Ontario or British Columbia, and passed two sets of comprehensive exams, written and oral.

For Pinel, having a chance to practice his trade on faculty, students and staff makes him only too happy. While other universities may send their athletes to massage therapists off-campus, students, staff and faculty of Saint Mary's have the opportunity to visit Pinel's clinic on campus.

Massage therapy has existed for centuries, and was

especially valued by the Romans and Greeks, as a therapy to promote a healthy lifestyle. The therapy is used in four areas; circulatory, muscular, respiratory, nervous and psychological/emotional systems. It can help maintain muscle tone and flexibility, and help the body relax.

There are all sorts of massage techniques, such as different ways to stretch the affected area, remedial exercise and gentle mobilization. Besides being trained in both the practice and theory of massage, therapists are also trained in the principles of anatomy, physiology and pathology. With all of Pinel's training, he still remembers the basics — to warm up his hands before placing them on a client's bare back.

It takes approximately one hour to assess a new patient, he says, but after the first assessment the patient can book time for 15 to 90 minute sessions. Student and senior discounts are available, and the regular price can range anywhere from \$15 for 15 minutes to \$80 for 90 minutes.

Conference office busy filling up campus in summer

Stocking a full house

Some people may think that the University closes down in the summer, but a talk with any member of Saint Mary's Conference Office will quickly clear up that misconception.

The Conference Office is responsible for organizing and co-ordinating the University's facilities for outside groups. Summer is their busiest time.

"This has been the second largest revenue producing year we've ever had," says Wanda Robinson, Conference Office Co-ordinator, adding "it could be the best, we'll know once we finish tabulating all the numbers."

While this year's residence renovations did create a few headaches for the Conference Office, in the end they only lost one client with the temporary closure of the Rice Residence. "Generally speaking we've kept 99.9 per cent of our business."

From 1991 to 1993 close to a million dollars was raised by the Conference Office. This year the office hopes to raise \$350,000 to \$400,000.

This summer the Department of National Defence has leased Vanier Residence from the end of April to the end of August. Anywhere from 20 to 200 people will be living there at one time.

Loyola Residence will also be in constant use this summer for other outside groups looking for accommodations and conference rooms, says Robinson. "We have 300 people staying on campus for the Special Olympics (July 12 - 24), and if we had more beds we'd have even more people," she says. Groups such as the Diocese of Nova Scotia and the



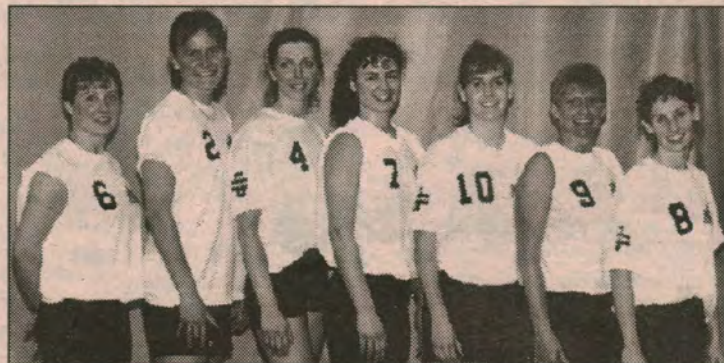
Student assistant Daren E. Miller and Wanda Robinson discuss arrangements for an upcoming conference.

Nova Scotia International Tattoo will also be on campus this summer.

In addition to renting the

university's facilities to outside or external groups, the Conference Office organizes one-time events, such as the Labatt Light 24 Hour Relay (July 9).

"We normally have one student working with us for the summer," says Robinson, "but this year we're so busy we've hired two." With two permanent staff members, a team of four is a welcomed and needed feature, she says. Only through the co-operation from other departments, such as the Physical Plant and Residence Office, can staff in the Conference Office do their job effectively. Every year the Conference Office builds up a list of contacts of outside groups who have rented the University's facilities in the past or potential groups in the future.



Three Saint Mary's volleyball coaches, past and present, helped their team win the Eastern Canadian senior A women's volleyball title this May in Saint John, NB.

Lori Welsh-Hawley, Head Coach, Huskies' women's volleyball; Joan Matheson, Co-ordinator of Marketing for the Tower and former women's head coach; and Michelle Mockler, former Huskies assistant coach (1992-93) were members of the first-place-winning Labatt Ice of Halifax.

The title came at the end of the eight-team championship, when the Ice defeated the Toronto West team 15-11, 15-8 and 15-9. Ice teammates (l to r): Deanne Scollard, Suzanne Dittmar, Lorri Anderson Lunn, Michelle Mockler, Cathy Ramier, Joan Matheson and Lori Welsh-Hawley.

CAMP OF CHAMPIONS



• **GIRLS' BASKETBALL**
July 18-22 & Aug. 8-12



• **HOCKEY**
Aug 8-12, Aug 15-19 & Aug 22-26



• **BOYS' BASKETBALL**
JULY 25-29, AUG. 15-19 & AUG 22-26

• **MULTI-SPORT**
JULY 4-8

• **SOCCER**
JULY 18-22 & JULY 25-29

• **VOLLEYBALL**
AUG 26-28

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