



Saint Mary's Times

Saint Mary's University, Halifax Nova Scotia

May, 1994 • Volume 23 • Number 6

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Prof helps write cultural atlas

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Tax fraud solution

Prof can detect fraud "by the numbers"

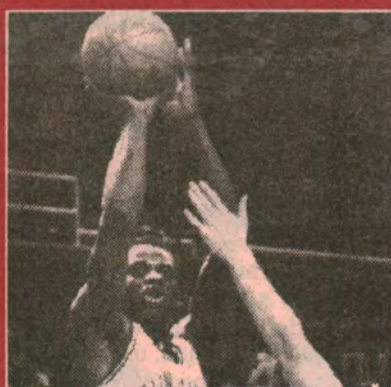
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Symbols of

Saint Mary's

Two senior English students share memories

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Athletic Awards Who won what in the 93/94 seasons

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Three honored for community work

On May 9th, the University confers honorary degrees upon three people who illustrate that there are many ways to enrich the lives of those around them.

Evelyn Rae Purdy Pollard, S.C., Doctor of Letters (DLitt)

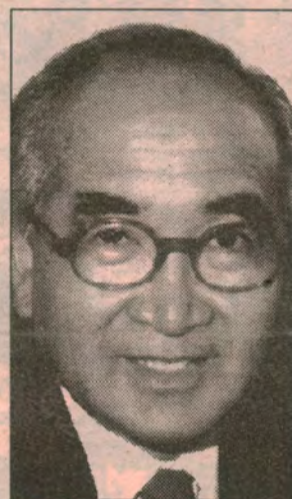
Sister Evelyn Pollard, a member of the Sisters of Charity, was volunteering with Covenant House in New York when she decided to turn her attention to the needs of people in Nova Scotia, her home province.

Soon after her return in 1981, Sister Pollard and her colleagues brought new meaning to the phrase, "Charity begins at home." In 1981, in an effort to show Haligonians that there was a need for women's shelters, Sister Pollard and her housemates opened their home on Windsor street to victims of abuse. Soon agencies were sending women to them "in increasing numbers."

Sister Pollard and her colleagues joined forces with parishioners from St. Peter's. Together, they negotiated a \$1 per year lease for Hawkins House, which later became known as Adsum



Hank Snow



Ronald Wan Hay Wong



Evelyn Rae Purdy Pollard

House. This house serves as a short-term emergency shelter for women 16 years of age and over.

During the early 1980s, she helped to establish the Metro

Food Bank, was a member of the Homeless Network Committee, and assisted with the establishment of a support service for women prostitutes.

See page 2

Glad to be back

Thanks to the team of volunteers, it was a smooth move for students returning to Vanier D House on Saturday, March 19.

Volunteers at the Lord Nelson began toting boxes at 12:30 and two hours later the last box had been set down by volunteers in Vanier, much to the relief of all involved.

For the residents, settling in meant not only unpacking but also discovering some of the new features of the house. These include peepholes in the door of each suite, protective mesh on the first-floor windows, newer lounge furniture (from Rice), and new windows with oak sills which, "look great with plants on them,"



according to Kimberly Cook, Residence Assistant.

Kimberly says, "At first, most of the students didn't want to move back

so late in the semester, but now the majority are glad to be back. We're pleased the move went so quickly and happy everything looked so nice when we got here."

A pizza party was held for volunteers in the President's Dining Room after the move.

Education faculty slated to close

On April 15, Nova Scotia's Education Minister announced the government's plan to phase out education programs at Saint Mary's, Dalhousie and the Nova Scotia Teachers College and make all remaining BEd programs two years in length.

The Honorable John MacEachern said this decision is based on the recommendations made by the Council on Higher Education, which in turn were based on those submitted in the Shapiro report, which was released in January, 1994.

The Minister said the government accepts the recommendation that teaching programs at Acadia University, Mount Saint Vincent University and Université Ste.-Anne continue. One alteration to the recommendation is that

the teacher education program at Saint Francis Xavier will remain in operation until February 1995, at which time the Council will decide if the quality of the program meets the criteria outlined in the Shapiro report.

The Minister also accepts Council recommendations that students be admitted to a final one-year BEd program this fall. Also, specialists programs, such as art, music and physical education and the role of the Nova Scotia College of Art and Design will undergo further study.

Dr. Terry Piper, Dean of Education, says, "We're disappointed with the government's plan, but we're now working to make this closure go as smoothly as possible for our faculty and students."

Around campus



Early registration?

No, this isn't a group of future students planning ahead to beat the registration rush. March 25, Nathan Mills and his Grade 4 class from Prospect Road elementary school came to Saint Mary's to see where Nathan father, Dr. Albert Mills works. Dr. Mills, Department of Management (back right, with Nathan), gave the class a tour of campus and some inside information on what it's like to work at a university.

Xerox on campus

(l to r) Greg Jones, Xerox and Kevin Francis, Xerox Vice-President and General Manager, Atlantic Region, came to Saint Mary's to present a donation cheque to Dr. David Leitch, Director of the Atlantic Centre, while Keith Hotchkiss, Director of Student Services looked on.



Picturshirts and Jellywork

The English Students Society hosted a launch for the book, *Picturshirts and Jellywork* on Thursday, March 31 in the Oaks. The book, printed annually under different titles, is an anthology of poems and short stories written by Saint Mary's students. Steve Vernon and Alix Smyth won first and second place, respectively, for their contributions.

Peer lunch

Members of the 1993-94 Peer Support team were treated to lunch at the Courtside lounge on Wednesday, March 30. The lunch, which was attended by the students and various members of the administration, including Director of Student Services Keith Hotchkiss, was held to thank the team for volunteering their time to help other students throughout the year.



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IEC hosts talk

Monday, March 7, Wayn Hamilton spoke on partnership possibilities between Nova Scotia and Sierre Leone. Halifax Mayor Moira Ducharme was among those who attended.



Three to get honorary degrees

from page 1

Sister Pollard's efforts in establishing and helping to run Adsum House were celebrated in 1985 when she received a Certificate of Recognition from the Halifax YWCA.

During the Fall of 1983, Sister Pollard widened her activities to include the needs of youth. She became one of the founding members and Vice-Chair of the Board of Directors for Phoenix House, a long-term co-ed facility for homeless youth.

Sister Pollard moved to Boston in 1986 to work on a day program for the homeless, but returned to Halifax in 1990. Since then she has continued to work with community outreach programs.

She is now working as a clinical social worker in Dartmouth, but still finds the time to maintain some volunteer activities. She is currently working with a Phoenix House committee to open a resource centre for young men and women.

Clarence Eugene "Hank" Snow, Doctor of Letters (DLitt)

This native of Queens County has had a country music career spanning seven decades and several countries.

He began his singing career on Halifax radio station CHNS in 1933. After much struggling and risk-taking, he signed a record deal with RCA Victor in Montreal. That contract lasted for 46 years and is, in fact, the longest continuous recording contract in the history of the music business. In 1950, his song, "I'm Movin' On" topped the charts for 29 consecutive weeks and remained on the charts for 14 months. The song still holds the record for length of time at the number one position.

Mr. Snow joined Nashville's Grand Ole Opry in 1950. His recordings and performances have enjoyed international success in countries such as England, Germany, Japan, Korea, and Norway.

Mr. Snow has received many honors from his fans. He has been elected to seven different Halls of Fame, including the Country Music Hall of Fame, the Canadian Country Music Hall of Fame and the Songwriters Hall of Fame. Perhaps the biggest honor came in 1991 when The Friends of Hank Snow Society began work on the Hank Snow Home Town Museum and Country Music Centre in Liverpool, Nova Scotia.

Each summer the society holds a Hank Snow Tribute at the Queens County Fair Grounds. The festival attracts fans from all over Nova Scotia, New Brunswick, Ontario, New York and Massachusetts. Local musicians entertain the crowds with renditions of Hank Snow's songs.

Through the years, Mr. Snow's music has brought enjoyment to many people, and his work, such as the album entitled, "My Nova Scotia Home" has brought pride to residents of his home province.

Mr. Snow's work extends beyond music. In 1978, he set up the Hank Snow International Foundation for the Prevention of Child Abuse and Neglect. His work with the Foundation was recognized by the National Council of Juvenile Judges.

In 1991, Terence Donahoe, then the Minister of Tourism and Culture wrote, "I don't think there is any question that in Hank Snow this province has produced a native son who has made a greater impact in the international country music genre than any other Canadian in history."

Ronald Wan Hay Wong, Doctor of Civil Law (DCL)

Ronald W. H. Wong received a Bachelor of Science degree from Saint Mary's in 1959 and, in 1962, he completed a Bachelor of Laws (Honors) degree at Birmingham University in England. Throughout his 18 years of legal practice in Hong Kong, Mr. Wong demonstrated excellence in the legal profession, in the business world and in public service.

During his working life in Hong Kong, Mr. Wong was appointed by the Governor of Hong Kong to serve on a number of Public Services. He was a member of the panel of the Seamen's Board of Reference in the Marine Department of Hong Kong, the Judicial Service Commission, and the Corruption Prevention Advisory Committee in the Independent Commission against Corruption.

In 1984 Mr. Wong gave up his practice as a solicitor in Hong Kong and moved, with his wife and two young children, to London, England, where he was a solicitor/consultant for seven years. In 1991 he decided to enter the corporate world, taking up the appointment of Chairman/Managing Director of Halina Marketing (UK) Limited and Managing Director of Haking

International (UK) Limited, two UK-based companies within the Haking Group of Companies, one of the largest camera and binocular manufacturers in the world. Mr. Wong takes charge of the UK distribution of the Haking optical products under Halina Marketing, and the European distribution under Haking International.

Notwithstanding his full business activities, Mr. Wong has also maintained a number of social and public activities, currently serving as Vice-President of the British Dragon Boat Racing Association in England (an ancient Chinese sport which is now becoming very popular in Canada), and for some time serving as a member of the Visiting Committee of the Harmondsworth Immigration Detention Centre near London's Heathrow airport. Since Halina Marketing became one of the ten Charter Founder Members of The Duke of Edinburgh's Award Scheme, at the invitation of His Royal Highness Prince Edward, Mr. Wong has been actively involved in promoting the Scheme, which is designed to help young men and women through their last years at University and into their first years of working life in industry.

Mr. Wong's strong desire to participate in extra-curricular activities was just as evident during his early days at Saint Mary's, when he was elected as Honorary Treasurer of the Student Council, using as his campaign slogan, "You can't go Wong with Wrong"! This legend has been carried with him throughout his working life. Mr. Wong has continued to maintain his ties with the University, returning to campus in 1992 to meet with former class colleagues, government representatives and business leaders to discuss past days and future directions.



The Times

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

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Every picture tells a story

DON'T TELL ME, SHOW ME! This could have been the theme behind the creation of a new textbook for high school students, written by a number of university professors, including Saint Mary's Dr. Stephen Davis, Anthropology.

Civilizations: A Cultural Atlas is a 15-section book which begins with a look at village life in the Middle East around 8000 B.C. and examines a number of cultures through the ages, ending with Japan in the Feudal Period, from A.D. 1350 - 1550. Dr. Davis' six-page section explores "North American Native Peoples: Cultural highlights to A.D. 1850."

What sets *Civilizations* apart from other historical textbooks is the emphasis on visuals. Pictures of locations and cultural artifacts dominate the page, and each is accompanied by a brief, explanatory text. The book is large, with a spiral binding so that the student can lay it flat on a desk while poring over the photos and text.

On each page, the reader can find a question or two about the culture.



Prof helps write cultural atlas



Dr. Stephen Davis with section of cultural atlas he helped write

"I've contributed to a number of works geared for high school students," he says. "Projects of this sort help ensure that students receive up-to-date information, and get them interested in topics they can study in university."

Civilizations was published in December, 1993, and is being offered to schools in British Columbia, Saskatchewan, Ontario and the Atlantic provinces.

The answers are provided to the teacher in the accompanying resource book, so that they can be incorporated into the lesson.

Gathering the visuals for Dr. Davis' section was a complicated task, requiring calls across the continent for copies and credits of photos and long searches through the library. Anthropology student Linda Andry helped Dr. Davis collect the materials.

Dr. Davis says the textbook is a good example of how universities contribute to education at the pre-university level.

In memoriam

Kay O'Keefe

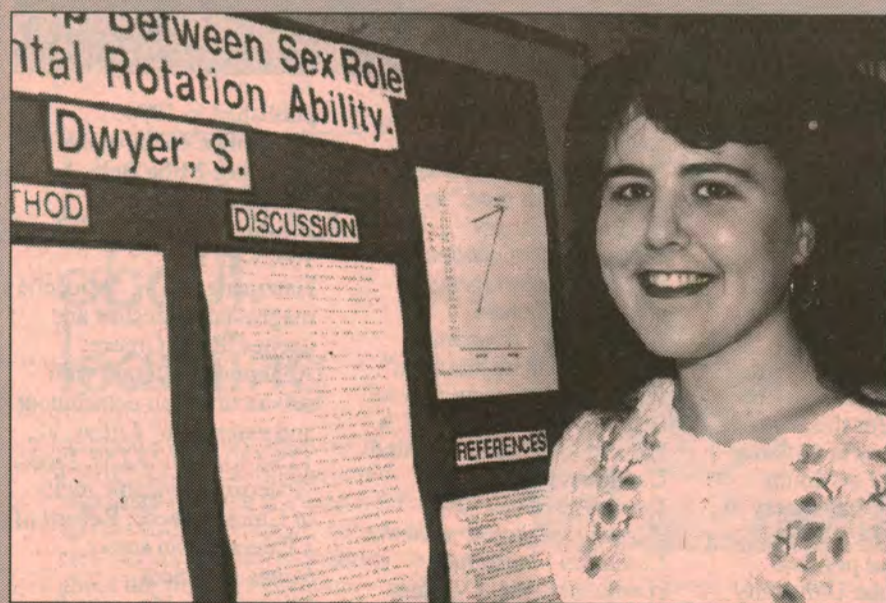
Kay, who died on March 19, came to Saint Mary's University as a secretary in December 1967 and retired in 1987 as Public Relations Assistant. For 20 years, she brought an invaluable continuity to the Information and Public Relations Department, (later renamed Public Affairs), by using her encyclopaedic memory and love of Saint Mary's to initiate new staff members into the lore and customs of the University. With her meticulous attention to detail and remarkable proofreading skills, she made sure that incorrect spelling and bad grammar never besmirched the honor of the institution.



During the Second World War, Kay worked for the U.S. Air Force at Pepperall Air Force Base in St. John's, Newfoundland. One of her legacies to Saint Mary's is the American spelling she learned at that time and used in the Academic Calendar, which she proofread for many years. Registrar Elizabeth Chard says of her, "Kay had a remarkable ability and expertise as a proofreader."

Through her daughters Rosanne and Stephanie (BA '78), Kay was active in the Girl Guide movement and became a dedicated and knowledgeable follower of figure skating. She attended Saint Thomas Aquinas Church for many years. In his tribute at her funeral, Monsignor Richard Murphy spoke of the exemplary way in which Kay assumed the responsibilities of a single parent after the untimely death of her husband Bernard, and of the bravery with which she faced her last illness. "She had the gift of faith," he said.

Best poster



The ninth annual psychology conference held the weekend of March 26 attracted almost 300 participants and observers.

The conference, open to Saint Mary's psychology students, offered poster competitions and paper presentations by senior and junior level students. Dr. J. Don Read, from the University of Lethbridge was the guest speaker for the event.

"The projects were of exceptionally good quality," says Faizal Junus, Psychology Department lab technician. "It was difficult for the judges to choose the competition winners."

Seen here, Suzanne Dwyer stands next to her poster, which received first-place standing in the senior poster division. Suzanne is an Honors student with the Psychology Department.



Come watch the eclipse at Saint Mary's

May 10, at 2:56 pm, people in Halifax will have the opportunity to witness an annular eclipse.

During this event, the moon passes directly in front of the sun, covering most of it, except for the outer edge. This creates the appearance of a ring of fire surrounding a big, black hole.

Looking directly at the sun is never recommended, so the Department of Astronomy and Physics invites all members of the public to come to Saint Mary's, where there will be special viewing glasses and telescopes set up. Faculty and members of the Royal Astronomical Society of Canada, Nova Scotia chapter, will be on hand to help with the event.

Place: On the lawn in front of McNally Building, 923 Robie Street

Date: May 10, 1994

Time: Come anytime between 1:30 and 4:30. The annular eclipse is from 2:56 pm to 3:02 pm

■ A partial eclipse lasts from 1:16 pm until 4:33 pm

■ Your next chance to see an annular eclipse comes June 10, 2021. The next total eclipse will be April 8, 2024.



Notice to Tim Hortons/Grab 'n Go customers

As of Wednesday May 11, the Tim Hortons/Grab'n'Go area in the Loyola colonnade will be smoke-free.

Tim Hortons

NSERC grants for faculty

Saint Mary's researchers have been awarded nearly half a million dollars in research funding. Grants from the Natural Science and Engineering Research Council (NSERC) total \$485,120 for the 1994-95 academic year.

Biology

Dr. David Cone
\$12,000
"Myxosporean parasites of fish"

Dr. Henrietta Mann
\$10,000
"Biogeochemical cyclone of gold"

Dr. Tom Rand
\$22,000
"Characterization and role in infection of extracellular proteases from salmonid-egg pathogenic strains of *Saprolegnia diclina* and fish-egg antifungal defence mechanisms"

Dr. Doug Strongman
\$20,000
"Microbial diseases of insect pests on blueberry"

Dr. Michael White
\$30,000
"Downregulation of chlorophyll a/b gene expression by ultraviolet light"

Mathematics & Computing Science

Dr. Robert Dawson
\$10,000

"Combinatorial and categorical geometry"

Dr. Burt Hartnell
\$8,000
"Well-covered graphs and neighbour-connectivity"

Dr. Larry Hughes
\$12,000
"Investigation into techniques to facilitate transparent group communications and process migration in a distributed environment"

Dr. Shituo Lou
\$8,000
"Research in number theory"

Dr. Paul Muir
\$11,000
"Analysis of Runge-Kutta BVP methods and defect control for boundary value OEDs"

Geology

Dr. Jaroslav Dostal
\$20,000
"Nova Scotia Regional Geochemical Centre"

Dr. Jaroslav Dostal
\$30,000
"Application of geochemistry to igneous petrogenesis"

Dr. Victor Owen
\$22,000
"Petrology of crystalline rocks, southeastern Labrador"

Dr. Georgia Pe-Piper
\$21,000

"Magmatism and tectonic setting: (1) emplacement of granite plutons; (2) extension, subduction"

Dr. John Waldron
\$24,000
"Paleozoic tectonic boundaries in the Canadian Appalachians"

Engineering Division

Dr. Vlodek Tarnawski
\$15,000
"Heat and moisture transport properties of soils"

Astronomy and Physics

Dr. Malcolm Butler
\$22,000
"Studies in hadronic and neutrino/weak interaction physics"

Dr. David Clarke
\$21,000
"Numerical simulations of astrophysical gas dynamics"

Dr. David Guenther
\$15,000
"Seismology of the sun and stars as a test of stellar structure and evolution"

Dr. George Mitchell
\$42,500
"Interstellar clouds and outflows"

Dr. David Turner
\$18,000
"Open clusters and

Finance & Management Science

Dr. Tony Charles
\$21,000
"Integrated bio-socio-economic modelling of fisheries and aquaculture industries"

Dr. Harvey Millar
\$17,000
"Modelling and analysis of tactical and operational issues in vertically integrated fish-processing firms"

Dr. Muhong Wang
\$8,000
"Decision support systems for environmental management"

Chemistry

Dr. Keith Vaughan
\$18,810
"The chemistry of anti-tumor triazenes"

Dr. Michael Zaworotko
\$26,810
"Arenes: covalent and non-covalent bonding"

Biology	\$ 94,000
Mathematics & Computing Science	\$ 49,000
Geology	\$117,000
Engineering	\$ 15,000
Astronomy & Physics	\$118,500
Finance & Management Science	\$ 46,000
Chemistry	\$ 45,620
Total	\$485,120

Commerce Prof of the year

Marketing professor Julia Sagebien was named 1994 Commerce Professor of the Year, by the student members of the Commerce Society. She was given the award on March 10 during the Society's 20th annual banquet.



"This is the nicest thing that's happened to me in a while," says professor Sagebien, "The award is very special to me, especially because it comes from the students. They work very hard, so it's good to know they appreciate what I make them do in the classes."

Professor Sagebien says she notices a different attitude among her students from past graduating years. She explains that students realize their prospects of getting a job after graduation are not as good as they may have been in past years. "But," she adds, "they also understand that hard work, determination, a sense of humor and 'quality' are crucial to making you stand out and to helping you land a job."

She adds, "Graduates today understand the importance of working with each other, not only towards work goals but also in advancing the community and the economic prospects of the region."

This is the second time Professor Sagebien has been honored by the Commerce Society. She received the first Commerce Professor of the Year award in 1990.



Seen here, most of the department members were able to leave their work for a few minutes to gather for a group photo.

Department on the go

Last spring, when the departments of Astronomy and Physics merged into one, Dr. David Turner, Chair of the new Department promised the move would "build on the strengths of each department." Faculty and staff members have kept his word.

Over the past academic year, the department's 10 members have brought expertise and enthusiasm to their activities. Most of the faculty are involved in research projects, either individually conducted or in collaboration with researchers from across Canada, the United States, and even Russia.

Members of the Department of Astronomy and Physics began the 1993-94 academic year by establishing a long-term plan which would meet both the department's and the University's stated mission.

Scholarly and Professional Activities

Mathematics and Computing Science

Dr. Larry Hughes presented the paper, "A clean energy policy for Nova Scotia," co-authored with Ms. Sandy Scott, to the Renewable Energy - Clean Power 2001 conference, organized by the Institution of Electrical Engineers in London, England on November 17, 1993.

Glenn Stoddart, a final year Mathematics and Computing Science student, presented "Identifying migration environment" in a poster session at the 1994 Association for Computing Machinery (ACM) Computer Science Education Symposium in Phoenix, Arizona on March 8, 1994. This presentation was the result of research conducted by Glenn and

Dr. Larry Hughes over the past year.

Philosophy

Dr. Sheldon Wein has been busy in the past few months. He presented "Developing democracy with a human face" to the Conference for the Study of Political Thought (Atlantic Chapter) held at Mount Saint Vincent University in February 1994; "Being realistic about political realism," at the University of the West Indies-Cave Hill, Barbados in November 1993, during the conference on Gender and Development; and in Sydney, in October 1993, he presented "Economics, the market, and religious values," to the Third International Conference on Ethical Values and Social Institutions.

Dr. Wein also expects

to see the publication of a number of his writings: "Developing democracy with a human face," in *Living democracy: Contemporary challenges and alternative avenues*, edited by Michael MacMillan, "Economics and religious institutions," in *Ethical values and social institutions*, edited by M.A. Choudhury, "American and Canadian justice," in *Canadian issues: Theoretical discourse in the Canadian intellectual community*, Vol XVI, and "A Hobbesian foundation for welfare rights," to be republished in *The Liberalism-Communitarianism debate*, edited by C.F. Delaney.

Geology

Dr. Georgia Pe-Piper co-authored the following articles, which were all

published in 1994: "Ophiolitic rocks of the Kerassies-Milia Belt, continental Greece," *Ofioliti*, Vol. 18 (2), 157-169, with K. Hatzipanagiotou; "Miocene magnesian andesites and dacites, Evia, Greece: Adakites associated with subducting slab detachment and extension," *Lithos*, 31, 125-140, with D.J.W. Piper; "Paleozoic volcanic rocks of Chios, Greece: Record of a Paleotethyan suture," *Neues Jahrbuch Mineralogie Monatshefte*, H.1, 23-39, with C.N. Kotopoli.

Dr. Pe-Piper was also recently awarded \$45,000 from the Department of Energy, Mines and Resources for the continuation of the project, "Mapping of carboniferous plutonic and volcanic rocks of the Cobequid Highlands of Northern Nova Scotia."

A taxing problem, and a solution

by Valerie Dahl

For those people who have just sent in their tax forms and were somewhat creative with a few details, Dr. Mark Nigrini, Department of Accounting, has some bad news.

Last year, Dr. Nigrini completed his doctoral thesis at the University of Cincinnati. It was titled, "The detection of income tax evasion through an analysis of digital distributions." For this he analyzed 200,000 American tax returns and created a Distortion Factor model that distinguishes between "real" and "made up" numbers.

The model and his dissertation are based on a mathematical theory known as Benford's Law. Simply put, the law states that some digits have a higher probability of appearing in certain positions than others. For example, the digit one is more likely to be the first digit in a number than the digit eight.

In his dissertation, Dr. Nigrini asked three questions: Is there a relationship between the digits of the numbers used on tax returns and tax evasion? If so, can this relationship provide a measure of the extent of evasion and the taxpayer attributes associated with evasion? Can this measurement of tax manipulation be used by the Internal Revenue Service (IRS) to detect evasion or select returns for audit? He found that the answer to all three questions was "yes."



Dr. Mark Nigrini

"Many people may think they're being creative in manipulating tax forms, but in reality, a lot of us will 'randomly' select the same numbers, such as \$627 or \$325." He says that running a tax return through his model "takes only a few minutes, and I quickly get the probabilistic judgement of 'pass' or 'fail'."

Dr. Nigrini's research findings have appeared in a number of publications including *The Journal of the American*

Taxation Association this spring, *The White Paper*, also this spring and the June 1993 issue of *The Balance Sheet*.

He has been invited to New York and the Netherlands to present and discuss his approach with tax officials. Officials in the United Kingdom have also expressed interest in his program for detecting tax evasion. Revenue Canada has been told about the project but has not yet made further inquiries. Dr. Nigrini explains this is likely

because Canadian tax forms provide less opportunity for manipulation and therefore, "the need for fraud detection is less immediate."

Clinton tax returns

Dr. Nigrini's most recent project may be of interest to a number of people. After many phone calls and e-mail messages, he has obtained the 1977-1992 tax returns of US President Bill Clinton, and plans to run the relevant numbers through his Distortion Factor model. "I don't expect to find any blatant manipulation," says Dr. Nigrini. His expectations are not based on any moral judgements, but rather on the assumption that, "if there was any creativity with numbers, it was likely done by accountants who know how to fill out forms in a realistic manner."

Whatever the results with this most recent celebrity study, Dr. Nigrini's project sends the message to tax evaders that, "their number is up."

Management principles make common sense

TQM: all it means is doing a good job

By Dr. Harvey H. Millar,

Finance and Management Science

Total quality management, or TQM, embodies a set of principles that make perfect sense - in fact - common sense. However, a close examination of many business organizations shows that the adage, "common sense is very uncommon," rings true, and that the hype about TQM is created by the discovery of the simple objective, "To satisfy the customer and edge out the competition, meet and exceed the customer's expectations."

A widely accepted definition for TQM implies that quality, at all levels of the firm's operations, is defined and driven by customer expectations.

While few firms argue over this definition, debate exists over how to implement it. A number of "gurus" on the scene have created somewhat vague recipes for a TQM philosophy, leaving room for interpretation. There is much overlap between the various philosophies which all call for: commitment from top management, worker involvement, the development of a quality strategy, understanding customer expectations, change in the organizational culture, and using statistical analysis to guide quality improvement.

Traditionally, quality issues were taken for granted and did not drive the organization. Quality was "inspected" into the product at the end of the

process instead of being "built" into it all the way through.

In 1980, an NBC news show aired a white paper which asked, "If Japan can...why can't we?" Canadian and American firms scrambled to find out why they were being beaten by Japanese competitors. They concluded that Japan's quality management program was the key ingredient. While Japanese firms were enjoying low defect rates, high customer satisfaction, high product reliability and high productivity levels, North American companies produced significantly higher rates of defective product, had low productivity rates, long product lead times, and scored low for product reliability and serviceability.

There isn't a clear map on how to get to the benefits promised by TQM, such as lower costs, increased market share, higher productivity, and greater product quality. Consequently, many companies ignore TQM completely, and up to 50 per cent of those who do attempt programs fail to achieve benefits. Successful implementation of TQM is somewhat like becoming a religious convert. It's not easy. One requires an understanding of the holy word, an acceptance of cultural, psychological and sociological transitions, and a constancy of faith.

TQM efforts fail for several reasons: unrealistic expectations, a

lack of commitment from the top, a lack of constancy of purpose, high employee turnover, wholesale purchasing of another company's quality strategy, inadequate analysis of the firm, an inability to "keep the faith" during the transition period, poor management of the transition from old to new, over-emphasis of management issues relative to technical issues, a lack of meaningful worker participation and, perhaps the most important culprit, a lack of understanding of the "systems implications" of TQM.

Though the risk of failure is quite high, does this mean firms and organizations should ignore TQM? No! There are many companies with success stories. Toyota, Xerox, 3M, Florida Power and Light, Apple, IBM, and Northern Telecom, to name a few. Implementing TQM is an imperative of the 21st century. It is a journey with hills and valleys along the way. It is a journey that all organizations must begin.

All firms have what I call, "non-quality fat", and can benefit a great deal from a quality study, even without a definitive quality strategy. The starting process alone can help to identify areas for improvement. There is more to TQM than hype. It makes sense - common sense. What is not so common is the means to achieving total quality.



Steps to success

For students in the Department of Accounting, case competitions provide valuable opportunities to put theory into practice. As with many competitions, success at one level allows the participants to advance to another, more challenging level.

With most competitions, each team is given the same accounting-based case or situation. The team has a short time, often 12 hours, to come up with a solution and prepare a presentation detailing their suggested approach.

This March, five teams participated in this year's Saint Mary's Accounting Case Competition, open to second year students registered in ACC 242. First place winners were (back row) Michelle Arsenaault and Jeff McQuaid. The runner-up team consisted of partners Charlene Christopher and Jocelyn Pothier.

With this win, Michelle and Jeff are eligible to go on to represent Saint Mary's at the Intercollegiate Business Competition (ICBC) held annually at Queen's University.

Some of our 1994 graduates ...

Tracy Clinch

Bachelor of Arts
Major: Political Science

During her four years at Saint Mary's Tracy made her strongest impact as a member of the women's volleyball team. This year she was given the President's Award for her athletic, academic and community activities. The Award was given during the annual Athletics Banquet, at which she was co-master of ceremonies.



A native of Bathurst, New Brunswick, Tracy played volleyball throughout high school. However, while most of her teammates went on to the University of New Brunswick, Tracy chose to come to Saint Mary's. "I wanted to live in a bigger city, meet new people, and do something different than all my friends." She chose Saint Mary's after visiting the campus and "experiencing the sense of community that exists here."

Tracy is returning home for the summer, where she will be head coach for the junior high school boy's volleyball team until June. She plans to spend the rest of the summer working for Brunswick Mining and Smelting.

Tracy hopes to return to Saint Mary's in September to pursue her Bachelor of Education degree.

"I've enjoyed my four years here, I feel such strong ties that I really want both of my degrees to come from Saint Mary's. I'm really proud of this university."

Tracy hopes eventually to teach law or industrial relations.

Robert Garson

Bachelor of Arts
Major: Sociology
Certificate in Criminology

For Robert, the road to Saint Mary's had been a long and difficult one.



Robert spent his childhood on the reservation at Split Lake, Manitoba. At seven years of age, he was taken from his family and placed in a boarding school, where he lived for nine months of the year.

The separation from parents and siblings, and the immersion in a new and sometimes cruel environment had serious effects on Robert's childhood development. For protection, he withdrew into himself, rejecting any gestures of friendship and choosing to believe only the criticisms of others.

Robert's isolation and loss of self-esteem led to being thrown out of school at age 12, years of drug and alcohol abuse, halfway homes, juvenile lock-ups and living on the streets of Toronto.

Through the years, Robert's family and friends stood by him. They gave him love and acceptance. Although he tested them on many occasions, they never lost their faith in Robert and what he could achieve.

After he had moved to Moncton, Robert's girlfriend convinced him to face his fear of failure and take the responsibility required for fulfilling his dreams. Through the MicMac Friendship Centre in Halifax, Robert upgraded his schooling, completing grade 11 in eight months.

In September, 1989 he started courses as a mature student at Saint Mary's in the Bachelor of Arts program. He chose to major in Sociology, and soon decided to pursue the Certificate in Criminology as well.

As a mature student, Robert says he found "a real sense of camaraderie here, from the students, the professors, and especially from Margaret-Anne Bennett in the Continuing Education office." He adds, "By nature I'm not talkative, but I was so comfortable here, I found myself talking in class a lot—so much that people probably wished I would shut up."

Robert plans to pursue a Master in Criminology degree, from either Simon Fraser

University or the University of Manitoba. He says, "The Native community is drawing up its own Native Justice System, and there are lots of Native lawyers, but I haven't heard of any Native criminologists. I want to fill that gap."

Robert wants to help spread the message to people, especially to the young people at home in Split Lake that it's okay to dream, to try new things, and to believe in yourself.

Kernan Quinlan

Bachelor of Commerce
Major: Management and Marketing

Kernan came to Saint Mary's from St. Lucia, not for the Maritime weather, but because, "I heard there was a great business school here."



After four years of study, he maintains his enthusiasm for the Commerce program and what he has learned there.

During his first three years at Saint Mary's, Kernan lived in residence, where he quickly made new and lasting friendships, and learned more about the "Canadian experience." One of his more unique memories involves the winter he and friends in residence slid down snow-covered hills in a borrowed punch bowl.

Since his second year at the University, Kernan has worked part-time in the Public Affairs Department. Director Chuck Bridges says, "Watching Kernan develop during his three years in our office has been great. When he started, he was so quiet. Now, he's always smiling and telling jokes."

Kernan will return to St. Lucia after he graduates. Although things aren't finalized, he knows he wants to put his Commerce degree to use in a career in the hospitality industry.

Geoff Woodworth

Bachelor of Commerce
Major: Management and Human Resource Management

Geoff really knew he was leaving Saint Mary's the day he handed over the security key that allowed him access to the elevators and passageways on campus. "The guy on the desk said, 'So you're really leaving Geoff.' I said, 'Yup.' He asked, 'Sure you don't want to keep the key?' I took a breath and said, 'I want to keep it, but it's time to go.'"



Geoff came to Saint Mary's seven years ago. For two years he worked at the Atlantic Centre on a number of projects, including the Employment Connection. He says after seeing a number of students, and talking with Centre Director Dr. David Leitch, he decided that, "To get a well-paying job, I really needed a degree."

In 1989, Geoff registered as a part-time student, did well in his three courses, and decided to study on a full-time basis.

He says one of his best memories at Saint Mary's came in his second year when he received the Pan Am Games Scholarship. "Getting the award, in front of family and friends at the reception was a nice moment. I felt like I was recognized for my work."

Another important time for Geoff was when Rick Hansen visited the Atlantic Centre. "Meeting someone who has accomplished so much gives you a better focus." He adds, "That encounter made me sit down and think about my goals, and it gave me more drive to hit those books."

Geoff's hard work has paid off. This September he starts a management trainee program for personal banking with the Royal Bank. He won't take all the credit for the posting, stressing that Mary Ellen MacEachern, Manager of the Student Employment Centre pointed him towards information sessions, advised him on how to sharpen up his résumé, and how to make a good impression in the interview.

As he prepares to leave, Geoff gives Saint

Mary's an A+ grade for its efforts at ensuring accessibility for wheelchair-bound students such as himself. "The buildings are old, with their own quirks, but the people here accommodate you the best that they can." He adds, "I've told David Leitch if he ever talks to people who aren't sure about returning to University, hand them over to me and I'll do my damndest to convince them."

Lise Ward

Bachelor of Education
Major: Business Methods and Math methods

Lise came to Saint Mary's with a Bachelor of Commerce degree, honors, in Management and Economics, from the University of Guelph. Despite her business training, Lise always knew that she wanted to go into education.



"Everyone in my family teaches, so I always just assumed I would do it too."

Lise was considering her options, with Saint Mary's high on the list, when the Faculty of Education announced a new program; teaching business methods in high school.

"As soon as I heard I could combine Education with my Commerce background, I knew I wanted to come here." Lise, along with four other students, took the Business methods concentration. She also studied math methods, to increase her job opportunities.

"The program has a great reputation at home in Ontario. At my mother's high school, the guidance counsellor recommended Saint Mary's, and my mother said teachers from Atlantic Canada are known to be really well trained."

Lise says she has enjoyed studying in a program where, "the students and professors are so friendly." She adds that, "placing us into schools early in the year was great training, and it gave us the opportunity to try out different teaching techniques."

Lise will be going to the Gambia this summer as part of a teaching project. When she returns, she says she wouldn't mind staying in Halifax, but she's ready to go wherever a job opens up.

Steve Haysom

Bachelor of Science, Honors, Co-op
Major: Geology

For Steve, the time spent on campus was invaluable supplemented by the time he spent off campus, during work terms in the co-operative education program.



Steve will be pursuing graduate studies in Geology this September. He had been accepted to programs at McGill University, Boston College and Dalhousie University. Steve elected to go to Boston College, where he will receive a tuition scholarship of \$22,500 in US funds, each year for two years of study.

During interviews, says Steve, "all of the schools emphasized that it was extremely rare to have applicants with this much practical experience." For the co-op program, Steve completed four work terms; two with Geological Survey of Canada, at Bedford Institute of Oceanography, and one each at the Department of Natural Resources and the Department of Mines and Energy.

"My work experience really gave me an extra edge over other applicants," says Steve. "The co-op co-ordinators were more than helpful. They taught me interview skills, how to write a good résumé, and how to adapt to a corporate culture. The job postings they found for students held a lot of challenges and opportunities to learn."

Steve says he will miss Saint Mary's. However Boston College, which began as a Jesuit institution, has the Scottish thistle in its crest, and boasts maroon, white and gold as its school colors, will give Steve many reminders of his Canadian alma mater.

Syr



English student
right, and Tom
asked for the
at Saint Mary
th end of thei

Joe:

HERE IS something about that asks for seriousness. The exterior and the unadorned interior and austerity. People learn here, striding through the wood-paneled with a friend, I expect a brown r down upon me and ask for silence McNally and while no monks ev building, priests did and many an endured the wrath of an inspired their presence can be felt. Most and so is the church that we now

Tom:

YOU KNOW, it doesn't seem that long ago that I made my decision to come to Saint Mary's. It was a decision made during the excitement of the 1987 Atlantic Bowl where the then little-known Chris Flynn b within seconds of defeating the Flynn, at his best, weaved and working the clock to perfection highlight of the game came wh quarter coach Larry Uteck pull rooskie" fake punt. The ploy w scored, and I thought the game ended up losing though: McGill field goal in the game's dying s what a climactic game! Saint M had almost pulled it off. For m reach the Vanier Cup and Flynn it: I'd come to Saint Mary's and Oh well, that didn't happen eit

Joe:

WHY IS IT that every year come here I find out something about the University I don't know? It took me until my fourth year to find out where all the computer labs were. I never knew the Art Gallery existed until late into my second year. It seems that every year I stumble upon some room or service that I never knew existed. I'm sure that after I leave I will find out that there is a quiet lounge, equipped with a free bar, reserved for art majors. I still haven't seen the pool.

Symbols of Saint Mary's

Joe Desjardins, MacEachern were reflections on life as they neared studies here.

McNally building heavy grey stone emit an air of weight. Sometimes, while on main floor chatting, a monk to bear. People did live in. Inhabited this undergraduate result. Sometimes of the Jesuits are gone all McNally east. I



bought the Huskies McGill Redmen. bodged tacklers while. The unexpected in the fourth of the old "huskie-arked, the team was won. They scored a fifty-yard conds. But man, Mary's the underdog, SMU's attempt to be an athletic hero. r, but during my

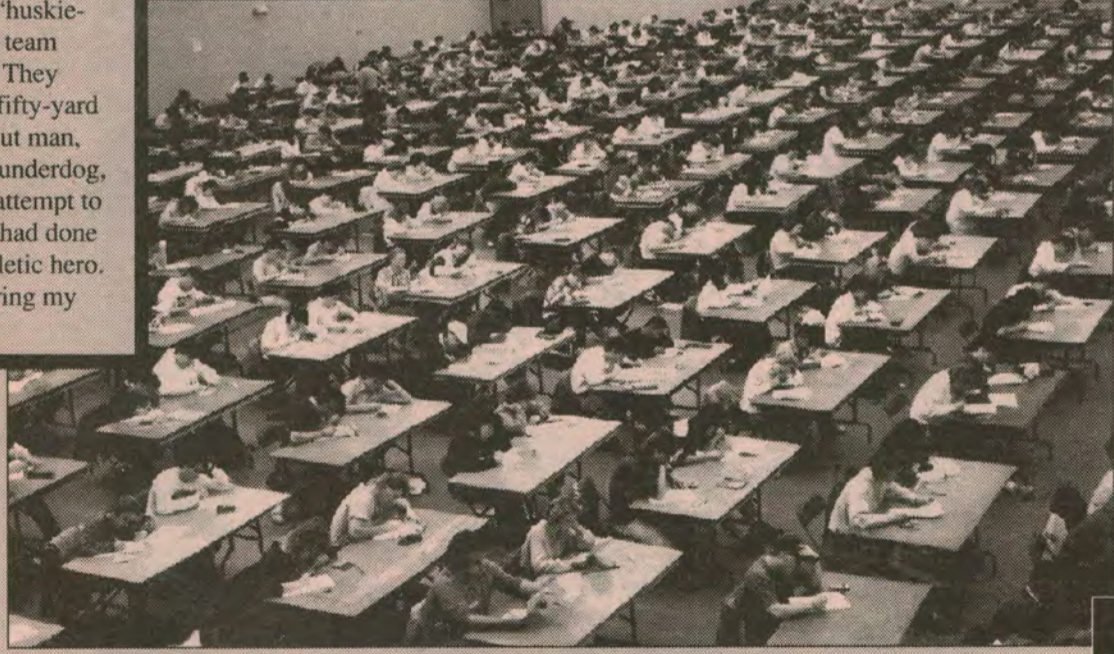


Tom:

REMEMBER THOSE freshman auditorium classes, like psychology and biology, where we would sit, elbow to elbow, breathing the noxious exhalations of two hundred other students? I'll never forget my first day when, having arrived early, I found a large number of students waiting to enter the class. Being short-sighted (blind really), getting a seat at the front was important to me, so when the doors opened, I decided to bypass the other students by running along the tops of the seats. Brilliant, I thought, this is so much easier than fighting through the... I caught my foot and crashed, glasses first, into a row of bolted-down seats. OWWCH! total embarrassment. Awkwardly, I rose, stumbled forward, and settled myself into a front seat, trying desperately to avert my glowing face from the crowd. I ended up sitting at the back of the class that year. Oh well, at least the air was fresher there.

Tom:

SAIN'T MARY'S has a lot of faces. Not just the ones I've come to know, but the others whose names I've never caught. Like that guy from first-year philosophy class who never said boo and who I often pass when I'm walking near the library. He sometimes glances with a nod of silent recognition: I am just a face to him too. Nowhere are the "unnamed faces" more apparent for me than at the Tower. During those slack weeks at the beginning of each semester, almost regular work-outs can be scheduled, and for a brief time, book worms and bench-press acolytes mingle. A community of faces comes and goes daily: the man who every other day at two o'clock rides the life-cycle bike; the woman who triple stacks in step-training class never missing a beat; and the b-ball player who, caught between pick-up games, lingers at the fountain. The list goes on. So many faces becoming familiar, yet so few names. After graduation, how many times will this scene be acted out: "Hey, weren't you in so-and-so's class ten years ago?" -- "Yeah, that's right. What's your name again? I don't think I ever knew."



Joe:

EVERY YEAR it's the same self-inflicted punishment. It's now late March and I am trying to stare down four papers and all my exams without flinching. Why, I ask myself, do I do this every year. It's becoming as predictable as spring. I am haunted by all those Friday afternoons closed up in the pub, draft in hand, laughing it up with a table full of friends. I play the arithmetic of the mind: four hours there; a day there; oh right, that weekend we went to Cape Breton. To have it all back. To have used that time, early on in the term, to work instead of party. My only consolation is that everyone I know is in the same position as me and maybe, just maybe, there is someone else who is in a worse predicament than me. Of course, I'm learning my lesson and will work diligently throughout my next year. And if you believe that ...

Joe:

ICAN'T REALLY think of Saint Mary's as an institution. For me it's a collection of individuals. We should be able to get mugs with the mugs of our friends upon them. I sometimes think I learned more talking to people over a beer or a cup of coffee than I did in class. Every year it seems that I have at least one class where a group of us always leaves together and go somewhere to discuss the class, or the people that annoy us, or how the professor could make the class better. Two years ago it was the Friday poetry class that always ended up at the Trident coffee house: "a round of cappuccinos and hold the chocolate sprinkles". This year it's philosophy and the Thursday afternoon beer. Two and a half hours of philosophy would drive anyone to drink.



Brad Church

Brad Church



Forging business links in Asia

Many university students take advantage of March break to travel to Florida, California, Hawaii. How about Thailand and Malaysia?

This March, 10 MBA students in Dr. T.S. Chan's International Marketing course had the chance to apply what they had learned in class by participating in a trade mission to develop opportunities for Nova Scotian firms in the Far East.

In the fall, each student was partnered with a local company interested in doing business in Southeast Asia. The students spent the first term learning about the goals of their sponsoring companies, and how they could be realized in Thailand and Malaysia.

In March, the 10 MBA students and their partners went to Bangkok, Thailand and Kuala Lumpur, Malaysia to meet with prospective clients. The mission was very successful. Some companies immediately signed contracts, and others have since returned to Asia for further exploration of business opportunities.

"It was probably one of the best learning experiences I've had in my two years here, says student Elizabeth

Beck. "It was a great opportunity to see business negotiations in Asia. The process is more imprecise and unpredictable than what you read about in the textbooks."

Students and their business partners gained valuable information from their trip. They learned that in Asia, developing a business relationship includes developing a personal relationship and finding out about a partner's religion, family life and set of values. They also learned that criticizing the government at a cocktail party in Malaysia would be a certain conversation stopper, since such talk is illegal in that country. Also, many discovered that the term "traffic congestion," takes on a whole new meaning in Bangkok, where people must often allow themselves two hours to drive across the city.

Bonnie Kirby, manager of the University's Executive MBA program, accompanied the trade mission members to Southeast Asia. She says the participants gained not only new business opportunities but valuable experience in the ins and outs of conducting business in an international setting.



Workshop on grading students

"Principles for fair student assessment" was the topic discussed in the final workshop of the 1993-94 academic year presented by The Quality of Teaching Committee.

Approximately 50 faculty members from Saint Mary's and Halifax Community College came to hear Dr. Todd Rogers, Director of the Centre for Research in Applied Measurement and Evaluation at the University of Alberta.

During the workshop, Dr. Rogers

stressed the importance of measurements which accurately assess a student's understanding of a topic.

"Students take action based on the marks they receive," said Dr. Rogers. He added, "A student who receives a grade that is inaccurately high or low may end up choosing a course of study that he or she isn't really suited for."

During his stay in Halifax, Dr. Rogers also met with Saint Mary's BEd students to discuss methods of evaluation in the classroom.

Canada Scholars

Friday, March 4 in the Private Dining Room, 11 first-year Science students were presented with Canada Scholarship certificates, in recognition of their outstanding academic records. The scholarships, sponsored by the Federal government, continue through each student's undergraduate years, as long as he or she maintains high marks.

Mary Clancy, MP, and Anne Thompson, Industry, Science and Technology Canada were on hand to present the awards.

Presentations were also made to Andrew Vaughan, who received the Merck Frosst Award in Biology and Chemistry; to David Sykes, who won a Rhodes Scholarship to Oxford University; and to Cillian Sheahan, recipient of the 1993 Graduating Class Bursary, donated by the class of 1993 to a 1994 graduating student.



Canada Scholarship recipients and award presenters.



Barry Colpitts, 1993 Grad Class President, Sherry Wood, 1994 Grad Class President, and Cillian Sheahan, recipient of the 1993 Graduating Class Bursary.



Profile: Roy Clements

Tough ticket manager was bashful boy

IT'S DIFFICULT to believe that Roy Clements, or Coach, the Ticket Manager at the Tower, was ever shy about anything. However, he insists that after graduating from a boys-only school in Britain, it took him years to get over his shyness around women. Things are different now.

Ask the girl who was reading a brochure on AIDS, until she saw Coach



Updated language centre allows interactive learning

On Wednesday, March 30, the Department of Modern Languages and Classics hosted an open house in the newly updated Language Learning Centre.

Those who attended the open house were treated to displays of what the multi-media Centre, which contains computer, audio and video equipment and CD Rom-based language software can provide people learning a language.

Department Chair Dr. George Nahrebecky says the Centre allows for a much more interactive and interesting learning atmosphere. "Previously, people sat in carrels listening to tapes on headphones and repeating phrases." He adds, "With the new equipment and software, students can watch a video on a monitor, and manipulate the scenes or answer questions on the adjoining computer. They can also run a CD-ROM program that provides information on a number of topics in the language to be learned.

Students in the Department have been using the new systems this term. In addition to improving their second-language comprehension, the students were able to create visual materials to supplement their class presentations.

Funding for the new equipment came from the University's Capital Grant. Dr. Nahrebecky says many departments, besides Modern Languages and Classics, such as Asian Studies, Teaching English as a Second Language, and Computer Services participated in the planning of the Centre.

and quickly hid it in her purse. He looked her in the eye and said, "You take that out, and you read it, right now. The more you know, the safer you'll be. And when you're done, we'll talk."

Coach says that a lot of students seem to feel that certain subjects are taboo when they're around him. Not true. "Sometimes I shock the guys here with the way I speak to the girls. I'm trying to get issues out in the open, so everyone will talk about them on a mature level."

Students often drop into Coach's office for advice, opinions, or their paycheques. Sometimes, they don't leave with their cheques, but it's not due to debts. "I try to get the kids to save their money," says Coach. "If they want, I'll keep their pay in my safe for them. The people who have done that have been pretty happy to get an envelope full of money at the end of term."

Coach came to Saint Mary's in

1964, as the men's soccer coach. At the time, only two other people, Bob Hayes and Les Goodwin were coaching and the gym was in the basement of McNally. During his 20 years as coach, Roy led his teams to four AUAA Championships, in 1965, 1966, 1979-80, and 1981. He was named Coach of the Year in 1978 and 1981-82.

When the University became officially co-ed in 1968, Coach was perturbed, to say the least. "I thought it was the end of Saint Mary's."

However, he has since changed his mind. As soccer co-ordinator to both the men's and women's soccer team, and supervising ticket sellers, Roy was, "pleasantly surprised. Overall, women are harder workers, and sometimes they're more loyal than men."

Coach has been Ticket Manager for the Department of Athletics since 1970. He took over the job from a student, Don Keleher, who is now Director of University Advancement at Saint



Roy Clements

Mary's. Coach says, "I guess you could say that Donnie taught me the ropes."

Coach has seen a lot of changes at the University. "I've been through four presidents, seen lots of coaches and thousands of athletes." However, one thing that has remained constant is his rapport with students—past and present. "Alumni, people who are now teachers, lawyers, doctors, business people, talk to me at reunions or other events, and they've all got specific memories of things I said or did."

And it's a sure bet that not one of those former students can recall a time when Coach was shy.

Education history class makes video



Learning about learning

As future teachers, students in the Faculty of Education know it's important to make learning interesting. To that end, the students have taken creative approaches to learning more about the field of education.

On Tuesday, March 15, (top) BED students in the History of Education class chose to present their research on people in education in video format, in lieu of writing a traditional essay.

However, instead of taking turns at the podium, the research was shared on a mock talk show, complete with host, camera and house band. Students came dressed as their subjects, posing as Hillary Clinton, Timothy Leary, and Columbia University protestor David Shapiro, to name a few.

On Wednesday, March 30, students

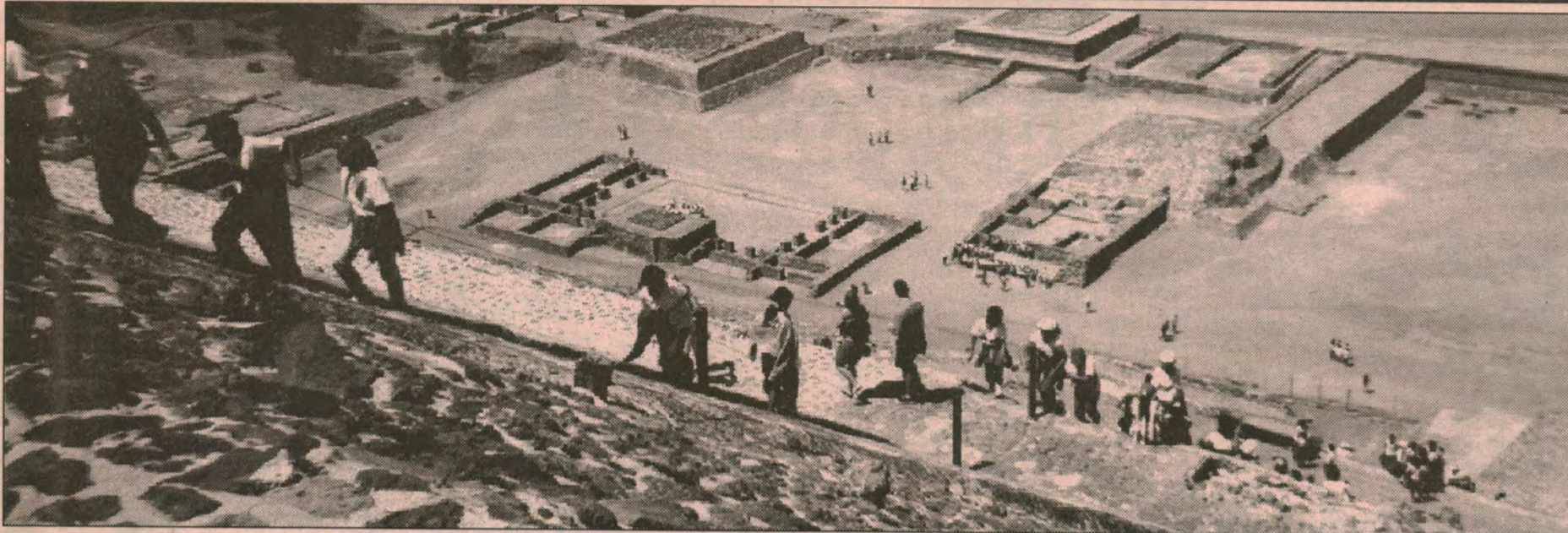


in the MEd program presented a book that they wrote to the curriculum lab. The book, entitled "Historical Innovations in Education" examines the development of programs and practices such as team teaching, the open classroom, individually guided education, and peer teaching. The book was assembled as part of the course, Education 673: Innovations in Education. Curriculum lab instructor Sue Conrad (above left), and MEd students Gary Wilson and Ruth Trask look through the book before adding it to the lab's holdings.



Preserving a book from AD 868

At the end of March, Professor Ken Seddon, Chair of Inorganic Chemistry at Queen's University, Belfast, visited the Chemistry Department and colleague Dr. Michael Zaworotko. During his visit, he lectured on the work being undertaken at Queen's to conserve the Diamond Sutra, the world's oldest, dated, printed book. Dr. Seddon is leading the project, which uses modern chemical techniques to analyse the book and the materials used to repair it over the centuries.



Commerce students get a global perspective

SOON THE ENTRANCE requirements to the Faculty of Commerce may include a passport.

Since he took over the position of Dean last July, Dr. Scott Carson has been working toward ensuring that commerce students "have a much broader, more global perspective of the business world." More specifically, he is "investigating the possibility of 25 per cent of future graduating classes having at least one semester of international experience—either as work or studies."

The University has offered student exchange programs to Asia for a number of years and recently Saint Mary's signed an agreement between universities in Canada, the United States and Mexico to allow business students to study in another country for a term.

To strengthen this international connection, Dr. Carson, Marketing professor Julia Sagebien and Greg Ferguson, Director of Admissions, went to Mexico City in late March to participate in Canada Expo '94 in addition to meeting with university and business representatives.

Canada Expo '94 trade show

The central event was a trade show, entitled Canada Expo '94, where over 400 Canadian companies exhibited. Greg Ferguson, with several local students from La Salle University assisting as translators, operated the Saint Mary's booth at the show.

"I was there primarily to promote the University and our English language training programs," says Ferguson. "I was overwhelmed by the interest in Saint Mary's." He adds, "A number of the students were interested in English language training as well as a wide variety of undergraduate and



Top: tourists climb ancient ruin in Mexico. **Above:** Greg Ferguson in trade fair booth **Below:** Volkswagen beetles are in common use as taxis



Bank of Montreal, all of which have branches in Mexico. Dr. Carson says the banks were, "very keen to consider our students as interns." He adds that another possibility would be for the students to work for a term with some of the banks' Mexican clients.

Why internationalize?

The impetus for adding an international element to the Bachelor of Commerce started last July when faculty members began a structural plan for the program. Says Dr. Carson, "We asked ourselves, 'What kind of graduate do we want to produce, with which skills and abilities?' The answer was 'One with an international perspective, who can compete in the global market.'"

Nine Saint Mary's students have already applied to participate in the trilateral exchange during 1994-95. Five hope to go to the United States, four to Mexico. Those students interested in learning more about the program should contact Lois Wastenays, Administrative Director of the CMA Program, at Saint Mary's.

graduate programs offered at Saint Mary's. Many were interested in coming to Canada for training in a profession."

Ferguson, Professor Sagebien and Dr. Carson also met with Joan Landeros, the International Activities Director at La Salle University. Together, they discussed some of the procedural details involved in the La Salle—Saint Mary's exchange program. Attention was also given to working out the specific programs, such as intensive language training, that the students would need.

Since his return, Ferguson has been working to ensure that when exchange students arrive at Saint Mary's there are support systems in place to make the transition go as smoothly as possible.

Canadian companies doing business in Mexico

While Greg Ferguson operated the information booth and spoke with potential students, Professor Sagebien and Dr. Carson explored the possibility of work terms in Mexico for Saint Mary's commerce students.

They spoke with companies such as Scotia Bank, the Royal Bank and the

Students:

Apply now for 1994-95 Scholarships

- Named Undergraduate
- Alumni Leadership
- Saint Mary's University Faculty Union

Information and applications are available at:

Student Services, 4th Floor, Student Centre and in the

Continuing Education office, McNally Main.

Deadline is May 25, 1994.

Applications will not be accepted after this date.

UPCOMING AT THE GALLERY



Saint Mary's University Art Gallery

Upstream Music Ensemble Westward Ho!

Sunday, May 1, 8pm

Admission: \$10, Students & Seniors \$5

The music and artistry of departing member Steve Tittle is the focus of this evening's performance. Join the Upstream Ensemble in saluting Steve's contributions to our community and wishing him well on his move to the west coast.

Mayflower Quilters Quilts from across Canada

May 31 - June 12

Opening: Tuesday, May 31 at 5pm

For more information call: 420-5445



Fashion from Africa: Dominic Adesanya from Nigeria, his wife Catherine (r) and a friend demonstrate "special occasion" outfits



Kike Belo and Irene Kyompaire in a dance called Pata Pata

Central Ugandan dance



Guest Dr. Colin Dodds (Vice-President Academic and Research) wearing a hat from Lesotho which belonged to association president David Moholo



Among the guests was Foal Osuntokun, President of the African Association at Dalhousie



Eritrean dance



Gambian courtship dance

Canadian premiere of film

Monday, February 28, Saint Mary's was the site of the Canadian premiere of "Africa I will fleece you," a film directed by Jean-Marie Teno. The film, whose title is taken from a line in the French song, *Alouette*, examines the history of colonialism in Cameroon, West Africa, and by extension on the African continent.

Also shown the same evening were "These Hands," directed by Tanzania-born Flora M'Mbugu-Schelling, and "Neria" directed by Zimbabwe filmmaker Godwin Mawuru.

The three films were presented by the International Education Centre (IEC), as part of February's Black



History Month events. Following the screenings, audience members were given the opportunity to talk with the directors. Seen here, directors Flora M'Mbugu-Schelling and Jean-Marie Teno in the IEC lounge before the premier.

African Nite

The rhythms and colors of Africa filled the Multi-Purpose room on March 12, when the African Students' Association of Saint Mary's University presented its second annual African Nite. Singing, dancing, poetry and fashions from across the African continent made up an evening that began with a magnificent meal cooked by the African students. Also included were a tribute to African women and some solemn moments of support for the struggle for democracy in South Africa.

Photographs by Anne West

M SPORTS



1993-94 Athletic Awards

At Saint Mary's annual Athletic Awards Dinner, held Thursday, March 24, the following 1993-94 athletes were honored.

- Female athlete of the year**
Erin O'Brien, BA (Field Hockey)
- Male athlete of the year**
William Njoku, BA (Basketball)
- President's award (female)**
Tracy Clinch, BA (Volleyball)
- President's award (male)**
David Sykes, BA/BComm, (Football)
- Female rookie of the year**
Jadranka Crnogorac, BA (Basketball)
- Male rookie of the year**
Dave McIntyre, BA (Hockey)

Team MVPs

- | | |
|----------------------------|-------------------------|
| Men's Basketball: | Richard Sullivan |
| Women's Basketball: | Angie Brooks |
| Field Hockey: | Erin O'Brien |
| Football: | Alex Eliopoulos |
| Hockey: | Craig Teeple |
| Men's Soccer: | Lewis Page |
| Women's Soccer: | Susan Roach |
| Track and Field: | Anthony Sparks |
| Volleyball: | Julie Gow |

- Vern Creighton Award (Manager of the year)**
Mark Wheddon (Field Hockey)
- John Jones Memorial Award (Unsung hero)**
Lisa Smith (Soccer)
- Robert G. Hayes Award
(Outstanding contribution from community member):**
Dominik Machek
- Dr. David Petrie Award
(Outstanding student athletic therapist):**
Scott Gallant

Photos by George Ghiz

Winter sports standings

Another academic year over, another sports season finished. Here's a quick look at the final standings.

Track and Field

Coach Debbie Brown and her team had a very good year. Members of the men's 4 x 200 metre relay team, Anthony Sparks, Dwayne Provo, Kyle Harper and Emile Luke were AUA champions, helping the Saint Mary's team place third overall. Anthony broke the AUA meet record in the semi-final, then broke the provincial record in the final of the 60 metre event.

At the CIAUs Aaron Muise competed in the long jump, and Anthony Sparks and Dwayne Provo competed in the 60 metres.

Women's Basketball

Coach Jill Healy and the team made it to the playoffs this year. They came close, but not quite close enough, to beating the Varsity Reds from UNB. The Reds are known as a strong team, and the Huskies were one of the few teams who beat them in the regular season.

Men's Basketball

The Huskies, with coach Ross Quackenbush, overcame a slow start and ended up finishing the regular season in second place, losing out to UPEI in the AUA championships. They competed in the CIAUs, playing very well against Alberta, the eventual CIAU champions, but lost a close game, 84-82, in overtime.

Women's Volleyball

Departing coach Joan Matheson and the team had a number of highlights during their year. For the first time ever, they beat Dal and Mount Allison during the regular season. The team just missed the playoffs, but with many of the players set to return next year, expect to see them reach greater heights.

Hockey

The Huskies finished fourth in their division, an impressive placing in this transition year. It was head coach Paul Boutilier's first season with the team, and in addition to getting to know the players, he saw a number of great games and a few heartbreakers, like the Saint Mary's-Dalhousie game during the playoffs, which Dal won in double overtime.



New head coach appointed

Lori Welsh-Hawley has moved from assistant to head coach for the women's volleyball team. The appointment came in early April and Lori has already begun plans for the 1994-95 season.