

The Alumni Magazine

Dalhousie

vol. 21 no. 2 fall 2004

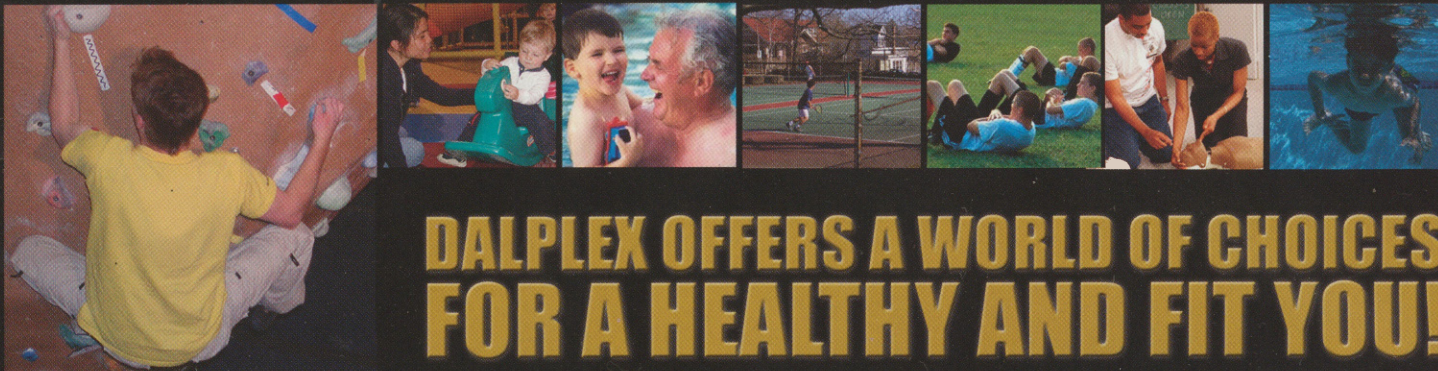
**Hearing and
speech in China**

**Bloody murder!
Scottish style**

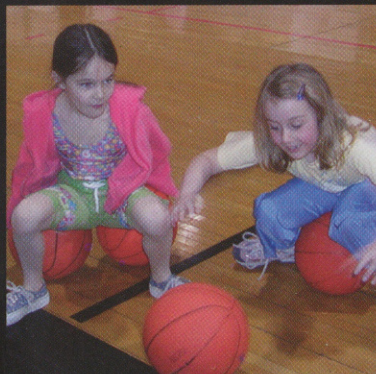
**Measuring up –
in high tech fashion**

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Photo: Abriel

Cover Story

8 A measure of success

High-tech fashion entrepreneur Tanya Shaw Weeks (CCS'91) is taking on Manhattan and the rest of the world with a seamless blend of technology and design from her business in Dartmouth, Nova Scotia.

By Eva Hoare (BJ(K)'84)

Cover photo: Costume studies alumna Tanya Shaw Weeks as seen by university photographer Danny Abriel.

Kenz.-Lager Auschwitz

Folgende Anordnungen sind beim Schriftverkehr mit Häftlingen zu beachten:

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Der Lagerkommandant.

25 Postcard from Auschwitz



Features

12 Just the facts, ma'am



Photo: Abriel

A fascination with mystery and an affinity for science drew Elizabeth (Ryall) Boutilier (BSc(HCN)'98) into her career as a forensic scientist in Scotland. On a recent trip home to Oyster

Pond, Nova Scotia, she contrasted popular portrayals with the reality of her chosen profession.

By Shelly Martin (MA'02)

16 The birth of a profession

Children and adults who experience hearing or speech disorders in China can benefit from a collaboration with Dalhousie's Faculty of Health Professions. Audiologist Tao Jiang keeps in touch with colleagues at the School of Human Communications Disorders, while managing the AudioChina Project halfway around the world.

By Andrew Younger (BSc'98, BJ(K)'99)

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Dalhousie, The Alumni Magazine

Dalhousie is the official periodical of the Dalhousie Alumni Association and appears three times a year. Editorial deadline for the next issue is November 10, 2004.



Photo: Abdel

It isn't often that you bump into a centenarian out for a stroll, but it happened to me just yesterday.

I was enjoying a fall walk with my husband, who was coincidentally wearing a Dalhousie t-shirt. Near the campus, we were stopped by a gentleman who recognized the university's name and said, by way of introduction, "I was once a student myself at Dalhousie."

We were pleased to shake hands with Wilf Creighton (BA'26) ('Happy 100th Birthday!' *Dalhousie*, Spring, 2004).

Creighton paused to tell us about attending classes in Arts as part of a student body that then numbered in the hundreds. During his youth, he said, it was a typical sight to see his family's cows grazing on the pasture that was the upper campus. He recalled being in the audience as the cornerstone of 'the new science building' – now the ivy clad Chemistry Building – was 'well and truly' laid by the Duke of Connaught. That, for the record, was early in the last century.

Creighton has stayed current with many developments in the intervening years, through family and friends at Dalhousie. He will be recognized with an honorary degree during this fall's convocation ceremonies. As he continued on his walk, his lasting attachment and rare perspective remained with us.

This fall, there will be a chance for you to see how the university has changed since your student days – however comparatively recent those might be. You are invited to revisit the campus for 'See Differently,' the first Open House in more than a decade, on October 22 and 23. A dedicated organizing committee, and hundreds of volunteers across the campus, are hoping that you will return to see for yourself what the university has to offer today.

In the meantime, we appreciate keeping in touch with our international alumni with this issue of the magazine, our annual focus on graduates who are making their mark on the world.

Tanya Shaw Weeks (CCS'91), a costume studies alumna, is attracting international attention for her unique combination of fashion, design and technological savvy. Recent science graduate Elizabeth (Ryall) Boutlier (BSc(HCN)'98) has achieved her aspiration to be a forensic scientist in Europe. Audiologist Tao Jiang has dedicated much of his energy in recent years to improving health care for hearing impaired patients in China.

I hope you enjoy the connection with these dedicated and talented alumni who are innovating to meet the needs of the twenty-first century.

Amanda Pelham

AMANDA PELHAM
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Our contributors

Eva Hoare (BJ(K)'84) is a business reporter and fashion columnist with *The Halifax Herald*. Thanks to an encounter with the bodyskanner™, she now knows more of her body's measurements than she ever believed possible.

Jane Lombard has been the alumni magazine's graphic designer for the better part of a decade. Many believe that the Wellesley College graduate was lured to Nova Scotia by her love of Celtic music. You'll see her work on every page.

Marilyn MacDonald (BA'62, MA'65), a former president of the Alumni Association, has spent her whole professional life communicating: as a writer, editor, broadcaster and consultant. Viewed that way, perhaps the fact that she's now communicating on and about the Internet isn't so strange after all.

Shelly Martin (MA'02) is no stranger to the topic of murder investigations. She conducted research on coroner's inquests in Nova Scotia as part of her graduate history program at Dalhousie. Currently a law student, Shelly was thrilled to explore the modern practice of forensic science.

Make the connection

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ED'S NOTE: With regret, we inform readers that Ann Lavers died recently. The Spring 2004 article "Bursary honors 'Resident Expert'" brought back fond memories for alumni.

Remembering Ann Lavers

I RECEIVED MY ALUMNI MAGAZINE recently and was very pleased to see the Howe Hall Bursary renamed in honour of Ann Lavers.

Having been a Howe Hall resident and R.A. (Bronson House 1989-90, Studley House 1990-91), I was very fortunate to have a personal relationship with Ann. Despite the daily rigours involved with managing a facility that, at that time, housed 500 young men and the problems we caused, Ann always had a smile on her face and a kind word for the residents. Her ability to remember former residents, and to remember everyone's name was uncanny. Ann made the residents feel at ease and at home.

It was with great sorrow that I learned of her death. Even though Ann had been ill, she remained upbeat and optimistic. I was lucky enough to receive a Christmas card from Ann each



Ann Lavers

year, and the accompanying letter. In this letter, she mentioned her illness, but only as an FYI. She seemed convinced it was something she would overcome, and she did not seem to let it take precedence over the important things in her life – her family, her friends, and, of course, skiing in Wentworth. It is unfortunate that future Ann Lavers Bursary recipients will not get to meet the person it was named after. I was one of the lucky people that did, and I consider myself blessed for that.

*Peter Graham, (BCom '91)
St. Stephen, New Brunswick*

THE ARTICLE IN THE LAST ISSUE relating to the renaming of a bursary in honour of Ann Lavers of Howe Hall fame brought back memories of my one year as a resident in 1967-68.

While there as a graduate student, I worked as a weekend night porter ensuring minimal noise level, room access, and oftentimes assisting those who were returning to resi-

dence after a night on the town. When I next saw Ann, she would enquire as to how so and so was following their late night revelry, if he (it was a men's residence then) was OK, did he get into any trouble, etc. How she knew I'll never know – other than the fact that she seemed to so intimately a part of all that went on in residence life. She was never simply an employee. And when she'd next see that individual there were never words of admonishment but always words of concern stated as one adult to another. It was as if every resident of Howe Hall was so very important and it was her desire to see that everyone fared well.

Never intrusive, never condemning, never condescending, always caring – that's the Ann Lavers I knew way back then and the renaming of a bursary in her honour suggests that's the way she remained. Thanks to the magazine, and Terry Gallivan, I was able to get in touch with Ann by phone – we had a most pleasant conversation, moved by the first realization I had that Ann was not well, but in good spirits as remembered. The bursary is a deserved recognition.

*Bill Dilny
St. John's, Newfoundland*

A MEETING OF MASTER MINDS

Dalhousie's lecture series for retired alumni, faculty, staff and friends

'Jimmy Stewart would be amazed'

Dr. Rick Nason, Director, RBC Risk Management Centre and Associate Professor, MBA Finance, will present a lecture on the evolution of banking and issues of risk management.

Friday, October 22 • 4-5 pm

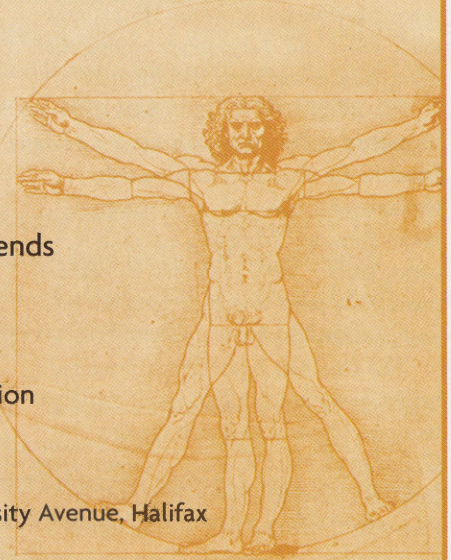
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Some people never stop learning

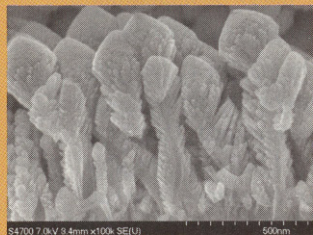
www.dal.ca/masterminds



\$10.8 million for materials research

A powerful magnet shows a material's atomic structure. A focused beam of ions cuts slices finer than a hair's breadth. These are just two of the 12 pieces of equipment in Dalhousie's new Facilities for Materials Characterization. A total of \$10.8 million of federal government, university and private sector funding made the new facilities a reality.

The Facilities for Materials Characterization (FMC) were officially opened on April 30, 2004, by Federal Minister of Fisheries Geoff



S4700 7.0kV 9.4mm x100k SE(U) 500mm

Regan (LLB'83), MP for Halifax West.

FMC is part of Dalhousie's Institute for Research in Materials. Nearly 80 researchers from five faculties form the Institute, which was founded in 2002. All are united in the group's effort: to create dynamic interactions that solve major materials research problems. Bone, minerals, alloys and concrete are among the many substances being investigated.

Mary Anne White, professor of chemistry and physics and director of the Institute for Research in Materials, explains what she and other materials researchers do: "Materials research is about 'stuff' – from materials for replacement body parts to components for oil and gas pipelines."

The Facilities have already attracted bright researchers to Halifax, including two new Canada Research Chairs. Chemistry's **Joe Zwanziger** comes from Indiana University, while Briton **Kevin Plucknett**, Mining and Metallurgical Engineering, comes from QinetiQ, Europe's largest science and technology organization.

– Catherine Young (BSc'75, BA'76, LLB'79)

See Differently, Dalhousie's Open House welcomes you

See chemists conjure up some realistic magic, watch a laser beam trace through the night sky, be welcomed in languages from around the world, have a fitness assessment, experience varsity athletics up close. These are just a sampling of many diverse activities that will be available for visitors during Dalhousie's Open House, "See Differently."

The first campus-wide open house in more than a decade promises excitement and novelty for potential students, parents, alumni, neighbors, donors and friends.

Friday, October 22 and Saturday, October 23 the campus will be alive with excitement. There will be over 150 activi-

ties, 14 special events, 34 open lectures and 28 open classes to allow you to discover your passion and experience Dalhousie University first hand. Come and experience all Dalhousie has to offer.

Details are posted on the university website: www.dal.ca.

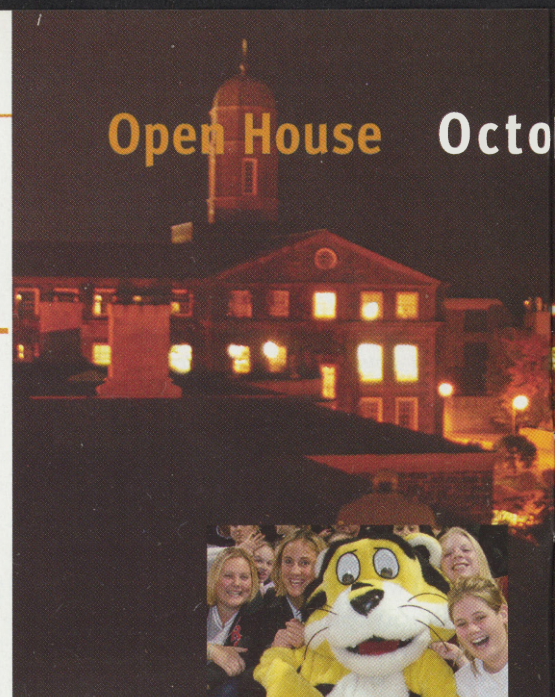
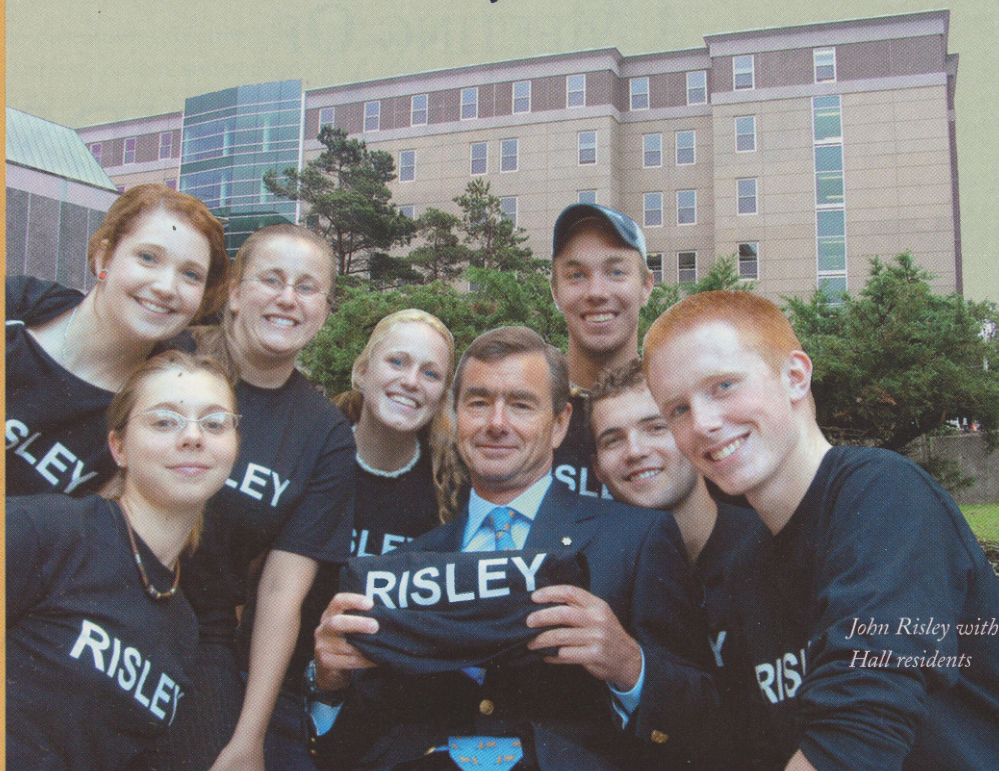


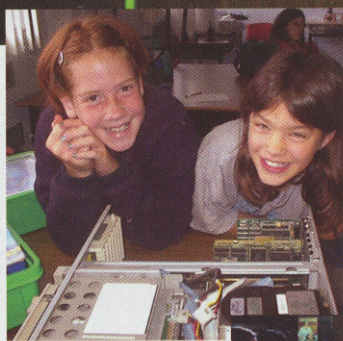
Photo: Pearce

Students call Risley Hall home



John Risley with Hall residents

ber 22 and 23



Arts, science, athletics, education and fun – all are on tap for Dal's Open House, October 22 and 23



Discovering our "other" neighbour

Continuing a tradition of bringing the world's best minds to Dalhousie, the 2004 Dorothy J. Killam Memorial Lecture series focuses on "Mexico, Our Other North American Neighbour."

Through the lecture series, the community has been able to hear directly from a leading political figure, an international diplomat and a widely recognized author, all from Mexico.

"The idea of looking at Mexico through the Killam Lecture series is timely indeed. Trade with Mexico has risen dramatically in recent years," said **John Kirk**, Professor of Spanish and University Research Professor.

"The study of Mexico has also increased. Here at Dalhousie, for instance, there were 140 students last year in a course taught by the Spanish and History departments, and we have 23 students spending the fall semester studying Spanish in Mexico."

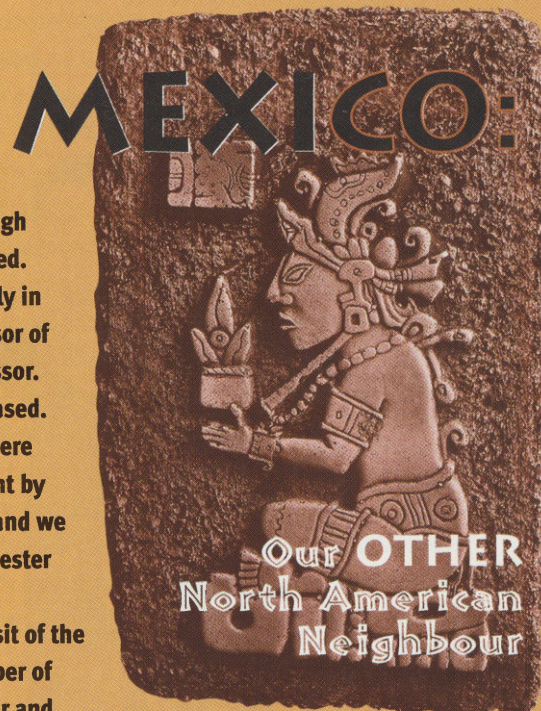
Kirk added that during the recent visit of the tall ship Cuauhtemoc the growing number of Mexicans living in Nova Scotia was clear and included almost 200 high school students from Mexico taking courses.

"By bringing in three extremely prestigious speakers – a presidential candidate, an ambassador at large, and a leading cultural figure – the series reminds us all that Mexico, too, is part of North America, and is our other neighbour in the region. It is in the long-term interest of both Mexico and Canada for us to know each other better, and this series is one step along that road."

The 2004 series included a lecture on "Mexico and the Challenges of the 21st Century" by Cuauhtémoc Cárdenas, currently the President of the Foundation for Democracy in Mexico City. An address on "Canada-Mexico and the Future of North America" was given by Andrés Rozental, a special presidential envoy and expert in international affairs.

The final lecture on Thursday, October 21, "Towards an Understanding of Mexican Culture," will be presented by Homero Aridjis, one of Mexico's foremost poets and novelists. A two-time Guggenheim Fellowship holder, his work has been translated into 10 languages. The free lecture begins at 8 p.m. in the Ondaatje Auditorium, Marion McCain Arts and Social Sciences Building.

– Dawn Morrison



The boxes of belongings from home had just been unpacked at the university's newest residence when it officially gained its name this September. Risley Hall is named in recognition of entrepreneur **John Risley**, O.C., for his long-time volunteer service, leadership and generous support of Dalhousie.

The new residence can house 500 students and is accessible for students with disabilities. Risley residents enjoy a convenient campus location, right behind the SUB, on the corner of LeMarchant and South Streets. Thanks to Mr. Risley's commitment, future generations of Dal students will experience the sense of community that develops from living on campus.

What are the odds? Captains reunited

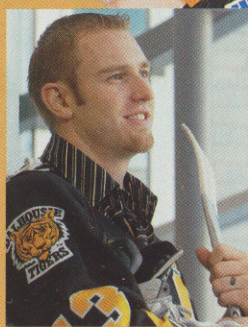
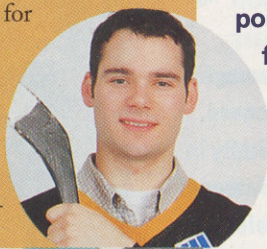
If you're travelling to Las Vegas this winter, you might want to take the opportunity to catch two former Tiger hockey captains in action. The Las Vegas Wranglers have signed star forwards **Chris Stanley** (BCom'04) and **Dan Tudin** (BCSc'03) for the 2004-05 season, bringing the powerful former line mates together again.

Stanley capped off his career at Dal by winning CIU player-of-the-year. He also received the Senator Joseph A. Sullivan Trophy, presented to Canada's most outstanding college player; and the Dr. Bill Godfrey Award, for the AUHC athlete who best demonstrates the spirit of intercollegiate hockey.

"It's a great organization and I have developed a wonderful relationship with Coach Glen Gulutzan," said Stanley. "The opportunity to play with Dan Tudin again was something I didn't want to pass up."

Tudin has just completed his rookie season with the East Coast Hockey League's Columbus Cottonmouths. Prior to captaining the Dal Tigers, Tudin also suited up for the Ottawa 67s, where he played a key role in their Memorial Cup win in 1999.

He's looking forward to joining the Wranglers on their home ice. "I'm very excited to be coming to such a class organization," said Tudin. "I think it will be great to be in a city with such great fan support."



Former Tigers Tudin and Stanley

Envisioning a small world

There's huge potential in tiny things.

Dalhousie has granted Halifax company Satlantic Incorporated exclusive world licensing rights for a new imaging device known as the Digital Holographic Microscope (DHM) and Hologram Reconstruction Software.

The DHM and its supporting software create high-resolution images without using a traditional lens. Using a laser point source, the system creates a series of 2D holograms, from a 3D sample, which are then imaged onto a camera. Using the software, the holograms are then reconstructed into 3D or 4D images. This creates a miniature movie, of moving small objects in real time, which can be beamed by satellite worldwide.

The technology has countless potential uses, particularly in the life sciences. An undersea application could see pictures of living plankton in the ocean relayed by satellite to researchers anywhere in the world. The DHM could also be used to monitor drinking water systems or pollution levels.

The new microscope is the result of 12 years' research by professors **Jurgen Kreuzer** and **Manfred Jericho** of physics and atmospheric science. As Kreuzer says, "It was always our hope to keep this technology here in Nova Scotia and we were very lucky to get such an enthusiastic reception from...Satlantic. Their expertise in high-tech instrumentation is ideal to bring our microscope to an expanding worldwide market."



Photo: Anrieta

A family tradition



The Chancellor often presides over Spring Convocation ceremonies, but this year brought a special occasion for the Goldbloom family.

When Dr. **Ellen Goldbloom** walked across

(l.-r.) Dr. Richard Goldbloom, Dr. Ellen Goldbloom, Dr. Alan Goldbloom
(Republished with permission from The Halifax Herald Limited)



*Physics professor
Jurgen Kreuzer*

the stage at the Cohn Auditorium at the Arts Centre to receive her medical degree, she became the third generation of the family to graduate from Dalhousie.

The university's Chancellor – and proud grand-father – Dr. Richard Goldbloom was on hand to offer his personal congratulations, along with Ellen's father Dr. Alan Goldbloom.

Chebucto Net serves community

It's 4 AM on April 16, 2001. I am sitting on a stool in the machine room of the Chase Building at Dalhousie, staring at a thermostat. Over the weekend – it's Easter weekend – the air conditioner has collapsed. I am the last of a trio of volunteers from **Chebucto Community Net** who have offered to stay up all night to monitor the equipment and try to avoid disaster. Several large fans are blowing distinctly un-springlike breezes into the room from outside and I am asking myself: what am I doing here?

My major area of study was English, not computing science. I use a Mac. (Sound of Real Computer People tit-tering). If technology were all, I am ill-equipped for this role. But the idea of technology as a means to a social end was one of the principles which inspired members of what was then the Department of Mathematics, Statistics and Computing Science, working with others, to create a community-based organization which would provide training and affordable access to the Internet, allowing individuals and groups to use the new technology to enhance their lives and the lives of their communities.



Marilyn MacDonald

This year, 2004, marks Chebucto's 10th anniversary. Only the National Capital Net in Ottawa has lasted longer. It is estimated that Chebucto has trained more than 35,000 people to use the Internet. It is credited with having played a major role in winning Halifax recognition as one of Canada's top "smart cities." Dozens of students have been part of it, filling part-time jobs, doing their work terms, volunteering. Chebucto has formed partnerships with every level of government and with various community organizations which have extended its "reach" well beyond its local community and around the world

In 10 years, the Internet has changed a great deal – not always in ways one would welcome. Why has Chebucto lasted? Probably because, while continuing to add new technical features and services (Chebucto is known as a redoubtable spam fighter, for example), it has remained true to its root concept of community service.

We are still at the Chase Building where the math department generously donates an office and space for our servers. Apart from that, we are completely self-supporting. We receive no government grants. We're sustained by members who pay for their accounts, selecting from among a number of choices and price ranges, those who donate funds or equipment and most of all, the countless hours contributed by volunteers who just want to make it work.

I visited the machine room again last June, this time with a few colleagues, to have a photo taken for a newspaper supplement marking our 10th anniversary. It was more fun this time!

– Marilyn MacDonald (BA'62, MA'65)

A me



asure of Success

A unique combination of technology and fashion has led from Dartmouth, N.S., to the international marketplace

by Eva Hoare (BJ(K)'84)

TANYA SHAW WEEKS (CCS'91) DIDN'T EVEN HAVE an appointment when she showed up at the New York offices of fashion pattern giants Butterick, McCalls and Vogue in the late 1990s. But today, the Top 40 Under 40 executive and international award winner is poised to open her own Unique Patterns office in the same city as early as next year.

"I ended up going to New York and I didn't have a meeting before I went," recalls the Dartmouth businesswoman thinking back to the days when she was trying to partner her company with Butterick. "I had tried and wasn't making too much progress. I kind of got blown off by the first person I talked to.

meeting with McCalls and Simplicity...' So they let me in."

But when Weeks hangs out her shingle at her New York offices in the near future, the 33-year-old costume studies graduate, whose fancy footwork cemented a nearly decade-old deal with the big pattern company – now merged into The McCall Pattern Company – the title of 'seamstress' won't be on the sign. Try 'multi-national businesswoman' on for size. Her Dartmouth company, Unique Solutions, which employs 40 and is growing, has moved into a technical seam of its own, having devised a bodyskanner™ that uses specialized laser beams to determine a person's exact measurements. Subsidiaries now include the original company, Unique Patterns, and Unique Solutions, where

While I was waiting to hear back from them, I called their two competitors at the time, and said I was in town to meet with Butterick and said I should probably meet with them as well."

Realizing the mere mention of rivals would raise interest, Shaw Weeks then knew that doors had opened. "That meant they said yes, because they thought 'We want to know what the competition was doing,' So then I could say back to Butterick 'I'm

there's just as likely to be a computer software designer sitting in her Burnside offices as a style maven.

"In the early days of Unique Patterns it was just two to three of us," she remembers during a recent luncheon interview at a casual Halifax eatery.

Before the bodyskanner™, the entrepreneur appeared destined to weave style with technology. If you trace back to Unique



Patterns' beginnings, with Tanya Shaw (Weeks is her husband's surname), you'd find an ambitious 21-year-old woman who had just started her own seamstress business called XZEL Designs.

With the help of two seamstresses, Shaw Weeks was making clothing for clients. But she was continuously reminded that standard patterns on the shelves in most cases weren't fitting most women who bought them.

In 1994, with the help of Dalhousie engineers, she devised special computer-aided design (CAD) software, which became the core of Unique Patterns, the new company that emerged after she closed XZEL. The software helped provide customized patterns for all women. Currently, Unique Patterns has the largest database of women's measurements – at more than 20,000 – in the world.

Still, Shaw Weeks recognized the need for an even more precise means of accurately measuring her clients before they committed to patterns. That's when the bodyskanner™ came to life. Ms. Shaw Weeks admits she knew very little about technology, but in this case necessity was driving her business course, and she had to come up with a way to evaluate her customers' bodies, inch by inch.

In the late 1990s, Shaw Weeks worked with Dalhousie engineer Peter Gregson, now director of the Innovation in Design Laboratory (iDLab), to create the bodyskanner™. It has since revolutionized the fashion pattern industry, and the Dartmouth businesswoman now counts clients as far away as Singapore and Australia.



bodyskanner™: Up close and personal

I step into the hexagonal black booth, clad only in underwear, and grasp onto what I think look like ski poles set shoulder width apart. Just as I feel like I'm set to hurdle down a mogul-filled mountain, a series of flashing red laser beams dance across me, with the lines moving methodically everywhere. For a second, I understand what it might be like to be an upscale thief dodging security lasers protecting some rare cache of jewels in a museum somewhere.

But as it turns out, I'm being scanned.

The laser beams are tabulating every inch of my body, to come up with my exact measurements. Later, I'll get an email with the complete citation, which turns out to be about seven inches long, for measurements I didn't even know I had!

All this from standing still for 45 seconds inside the bodyskanner™ in Unique's offices. I'm alone in the booth, but not in the experience. To date, more than 12,000 women seeking their exact measurements so they can order customized sewing patterns, have been scanned. And the number is growing.

An enhanced version of the bodyskanner™ is next on the horizon, which will likely crop up in retail outlets around North America. They'll be used for more than sewing, too. Shaw Weeks has a lengthy list, longer than my measurements, of possible applications for the bodyskanner™, including the health and fitness worlds.

– Eva Hoare

Initially it wasn't easy for some people to understand or envision what Shaw Weeks first proposed when she spoke of the bodyskanner™. Not hailing from a scientific background, she didn't have a foundation from which to operate. "People are inventing things for everything so I thought you must be able to computerize this. It was kind of just driven out of necessity."

Together, she and Gregson filled the laboratory with mannequins commonly used in the fashion industry. "It was quite a sight," she said, referring to the unusual combination. The mannequins stood in during tests of different sized scanners, and during various calibrations of the laser beams. After a series of prototypes, which were very costly to build, the original bodyskanner™ emerged and this prototype was eventually manufactured and trademarked.



Shaw Weeks confers with systems analyst and software designer Gage Seavilleklein.

Now Shaw Weeks is poised to move well beyond the fashion pattern industry; although she retains her business relationship with The McCall Pattern Company as a core part of her company. But as she and her R and D department tweak and change the original bodyskanner™, it isn't hard to see that its business applications are innumerable. For example, the medical and fitness industries are prime targets, while trainers and gymnasiums can help an athlete track his or her progress.

"It's infinite. There's a tremendous amount of applications. Think sports teams, measuring players on a regular basis; renting

a tuxedo in Vancouver, get your body measurements done here and sent," she said.

"We've developed it for bodies, but if you wanted to scan a chair, you could scan a chair. That's how we're growing, is to license this to vertical markets."

The field is moving so quickly – she estimates she has five competitors "we pay attention to on a fairly regular basis" – that Shaw Weeks must always be seeking the next opportunity – including leasing and licensing scanners.

She recently hired a former executive vice president of Laura Ashley, who also headed business planning for CBS, who had watched Unique Patterns for more than two years before approaching Shaw Weeks for a job. "She found us about a year ago. We're definitely getting that kind of recognition from industry people."

A New York office is one opportunity to seize because sitting at the core of the worldwide garment industry can make a huge difference in business development, said Shaw Weeks.

But the same technology that got Ms. Shaw Weeks' bodyskanner™ off the drawing board and into the global market will help her continue to grow her business here in Nova Scotia. Unique Patterns is right now on the verge of offering a portable scanner that may be used by retail outlets to customize the clothes manufacturing process. Customers get scanned, the design line is notified and the outfit is made specifically for them. Years ago "mass customization" wasn't something clothiers wanted to get into – in that field, you'd be lucky to find a "fax machine" in some of their offices in the



garment districts, she remembers. Now major labels are noticing clients' desire to buy shirts, trousers, jackets and skirts that actually fit them, not the industry's version of their size, said Shaw Weeks.

Mass custom tailoring is also being pushed by new technology that's been invented to help manufacturers with "single ply" applications, she says. This design revolution can only be good news for Ms. Shaw Weeks' business, which broke frontiers in the sector.

"That's something that's starting to happen. They're becoming more aware that they need to do this. Mass customization is happening in every industry. It's only a matter of time that the apparel industry gets on board with it." It might also only be a matter of time before it isn't Shaw Weeks knocking on the door seeking a deal, but the other way around.

And the McCalls' executive she first met with is still the same one who takes her meetings today – but the difference is, now she brings a team along. They've just finished a 40-hour session in New York discussing their joint future.

True to form, the businesswoman hasn't let that executive in on everything about those first days in New York. "I don't know if I've ever mentioned the whole story to him or not." dal



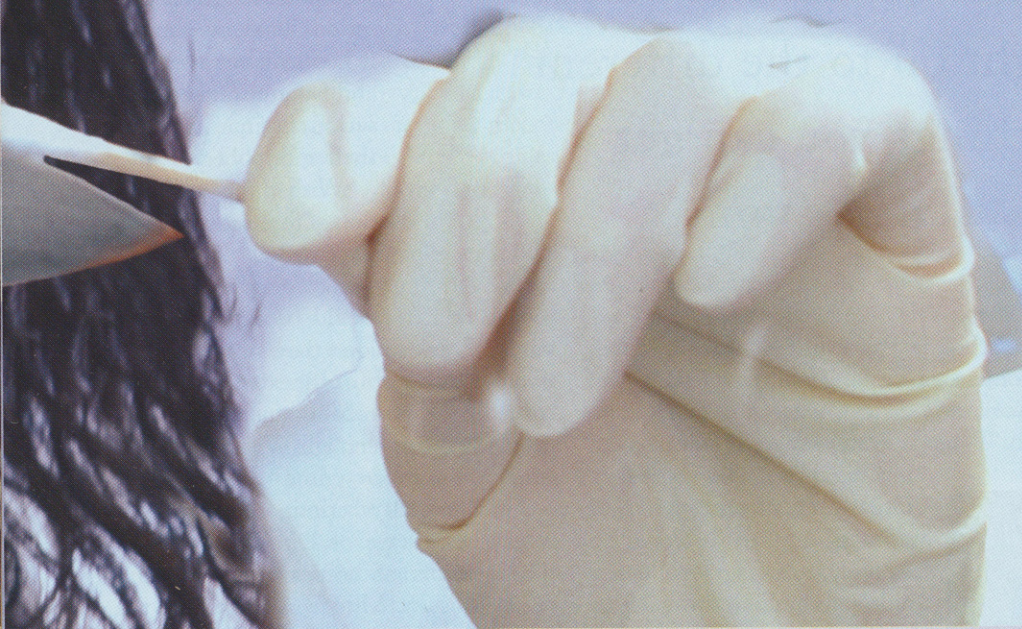
Just the fa

Forensic science has captivated the public imagination from its early days to modern popular culture.

Elizabeth (Ryall) Boutilier (BSc(HCN)'98) discusses fact and fiction about the science of solving crime.

cts, Ma'am

by Shelly Martin (MA'02)



ON THE AFTERNOON OF April 18th, 1862, pandemonium erupted among the mourners at the humble residence of the late John Colbert, located in a grubby working class district at the base of Halifax's Citadel Hill.

Earlier in the day, coroner Edward Jennings, a member of the city's medical elite, sent word to Colbert's family that he intended to investigate Colbert's death, which happened under mysterious circumstances in the city's Poor Asylum.

About to bury their loved one, Colbert's family refused. Undeterred, Dr. Jennings arrived later that afternoon with two medical students in tow. Only minutes before the funeral procession began, he confronted the family and after a brief altercation, proceeded to remove the funeral shroud and dissect Colbert's throat, removing the windpipe and plopping it in a jar before all of the mourners.

Jennings was ostracized in the press for an investigation that was considered both unnatural and uncivilized. Yet, with dissection illegal in Nova Scotia until 1870,

instructors at the medical school were hard-pressed to find a supply of bodies from which to teach anatomy, the foundation of medical education. Jennings used his role as a death investigator to expose his students to science and as a way to marshal science to answer questions surrounding mysterious deaths. Yet popular opinion remained suspicious of the efficacy of science to this end, and science was considered particularly cruel and unnatural when practiced on the dead.

More than a century later, coroner Jennings might have been a television hero. In the twenty-first century, forensic science fascinates us as a critical tool used to investigate crimes.

The turning point came in the mid 1980s, when a grisly double murder and rape in the English Midlands prompted desperate British investigators to recruit Dr. Alec Jeffreys to help solve the case. Jeffreys' work at the University of Leicester confirmed that each human being possesses his or her own unique genetic DNA code and was instrumental in solving the case. It was a foundational case, through which science became a formidable tool in the arsenal of crime investigators. Through the use of DNA analysis of saliva, skin tissue, blood, hair, and semen, suspects can now be linked to their crimes.

If you've turned on the TV lately, you've likely noticed a proliferation of shows based on forensic investigation. The drama series CSI (Crime Scene Investigator) began as a pilot only a few years ago and has since expanded to CSI Miami, CSI Las Vegas and coming this fall, CSI New York. But interest in these shows doesn't just end when the episode is over. CBS has dedicated an entire multi-media website to accompany the CSI series, replete with a virtual crime lab and a handbook of scientific jargon (some favourites: cyanocrylate fuming, microspectrophotometer and electrostatic detection apparatus) detailed enough to make even the most shameful science dummy, like myself, hip with the forensic crowd.

Clearly, the idea of science as the ultimate super sleuth has long captured the popular imagination. The same fascination gripped Elizabeth (Ryall) Boutilier at an early age. The humorous and vivacious Boutilier, now a forensic scientist with the

After completing her graduate work at the Strathclyde Police Forensic Science Laboratory, she was offered a contract and has been there ever since. As a forensic scientist who analyzes DNA in the biology division of the Forensic Support Unit, Boutilier will see thousands of cases each year. Last year's cases alone totaled approximately 12,000 crimes, including serious incidents – mainly homicides or assaults – and “volume crimes,” less serious crime such as theft and robbery.

With the popularization of forensic science in the media, one might think that criminals would be savvier to the

kinds of precautions they could take to avoid detection. To an extent, Boutilier concedes this is probably true, “You’ll have people knowing enough to put gloves on when committing a crime.”

Yet the trail of criminal activity provides no shortage of DNA for analysis. “We get lots of bottles, cans, cigarette butts and such. My favorite cases are the food cases. You get things like cherry stones that people have spit out at the crime scene, or a muffin, or a sample off a half-eaten pear. Criminals haven't quite caught on to that. It really is quite neat, the different things you can get DNA from.”

While forensics has been credited with the ability to solve crime, it cannot be used on its own to convict the accused.

“Our department – forensics – supports the police. They can't just use forensic evi-

“Criminals haven't quite caught on to the different things you can get DNA from.”

Strathclyde Police in Glasgow, Scotland, confesses a life-long interest with detective work.

“When I was younger, I always read investigative books – Nancy Drew and all that. Me and some of my friends would go around, searching for clues. I didn't even think anything of it. I was young, and it was for just for fun.”

That early interest in detective work stuck with Boutilier and was developed further when she attended Dalhousie, where she completed an honours degree in biochemistry, microbiology and immunology. Boutilier discovered a graduate program in forensic science at the University of

Strathclyde in Glasgow and knew immediately that the puzzle of what to do after her degree was solved.



dence on its own, with nothing else. There has to be other evidence, an eyewitnesses or something else.

“DNA evidence is now routinely accepted in court and the focus is now on how the DNA got there. For example: how did your DNA get on my shirt and is there any legitimate reason for it to be there? Most times, if you tape the inside of a shirt you get the DNA profile of the wearer only. If another person’s DNA is present, you would ask, why would it be there? When you start testing objects that a number of people may have had a reason to touch, like a glass, you may get a mix of three or four samples of DNA profiles that you can’t separate and they are of no forensic value.”

This is a familiar predicament for forensic scientists who find themselves presenting findings in court. The famous O.J. Simpson case put forensics on trial and revealed the difficulty that still attends science when it interacts with the legal system.

While Boutilier’s work keeps her in the lab most of the time, she has begun training that will help her write reports, attend crime scenes when necessary and deliver her evidence in court – just like CSI! Boutilier laughs.

“Everybody I work with is a forensic scientist. We all watch CSI on TV and go ‘You’ve got to be joking’ mostly because they can go out, flash their badges, arrest people, pull their guns, then head back to the lab and get a DNA result, and they are all only about 30 years old! How would you get the training in order to be able to do all that? Sometimes it’s like the people who are going out are police officers and then other times you see them working in the lab as well,” Boutilier says.

“We have a definite division between police officers and people who work in the



lab. The only time that forensic scientists really go out on calls to murders or to major incidents, is to give their expertise, but only if they are needed. It’s not like CSI on TV, where they go out and then they come back to the lab and do everything; they interview people, arrest suspects, do all the analysis, interpret all the evidence – it’s very funny.”

Funny, indeed. But it has nonetheless rekindled a passion for science among many high school students, making it hip to like science.

“It may be because of the glamour that is portrayed on TV. But it’s what I’ve always been interested in, so I can understand why somebody else would be interested. I love watching those shows and reading those books even though they are not really what it’s like.

“I don’t know if people would be so interested if they knew the day to day repetition and hard work that is involved. It’s just not like it is on TV. You know, people at crime scenes are often wading through mud puddles, and crawling under bushes and coming out filthy. You could be searching the ground for bloodstains in

the middle of the night when it’s raining and windy and you’ve been dragged out of bed and have had to drive three hours to a scene. But I love it and I can’t blame anyone else for being really interested in it too.”

Boutilier admits “It can’t prepare you for some of the horrible things. When you watch on TV, you don’t realize that those are real people and they do really horrible things to other people. You just don’t clue in that it’s real. Nothing can prepare you for that realization.”

For those who are interested and seriously considering a career in forensics, Boutilier says her education at Dalhousie gave her a solid foundation in biology and chemistry and in understanding how chemicals really work. She says a forensic scientist should be curious, patient and honest.

Boutilier adds that she has been lucky in finding unique work that allows her to combine her passion for science and sleuthing. dal

The birth of a profession

Who hasn't heard of it?

by Andrew Younger (BSc'98, BJ(K)'99)

AT AN EAR-POPPING ELEVATION of 35,000 feet above the earth, audiologist Tao Jiang is trying to get comfortable on his 21-hour commute home to Halifax from China.

Jiang is coming home to his family, a family he doesn't see as often as he would like. That's because over the past four years, much of his time has been spent in China, bringing audiology to a country that has an increasing number of hearing impaired citizens.

After only a week at home, Jiang will board another flight to go literally halfway around the world, returning to his job as program manager for the Dalhousie University/Sichuan University Audio-China Project. It's a project responsible for the birth of the profession of audiology in one of the world's most populous nations.

"There are few cases where a university is involved in bringing an entire profession to a large country," said Jiang. "Audio-China is an excellent example in this case. The impact of this project is far reaching and will become more profound as we move forward."

Twenty-six million Chinese suffer some sort of hearing loss. Three million are completely deaf, including 1.8 million children under the age of 14, and 740,000

under the age of six years. Each year, more than 30,000 Chinese newborns come into the world with no ability to hear. Despite these startling statistics, there is no formal audiology profession in China.

Hearing impairment is ranked as one of the world's top health problems by the

“China needed a program to train audiologists more than they needed money or hearing aids.”

World Health Organization, but hearing loss can be reduced if discovered early – intervention that requires audiologists.

Initially Jiang provided his services as an audiologist and volunteered to collect used hearing aids to donate to China. He quickly realized the needs were far more extensive.

"They needed a program to train audiologists more than they needed money or hearing aids. Imagine — there are fewer than 20 audiologists serving a hearing impaired population almost the size of Canada," said Jiang.

The turning point came in 1998, when Jiang met the late Robert McRae (LLD '01) through Unitron, a hearing aid manu-

facturer in Kitchener. McRae himself was hearing impaired. He was also a successful businessman and philanthropist.

"I explained to him what was happening in China in terms of the hearing profession and the large hearing impaired population," says Jiang. "I suggested we set up an audiology program so that qualified hearing professionals could better serve the large population."

McRae liked the idea and discussions began to initiate a program that would change China. At the time, Jiang was working with the Nova Scotia

Hearing and Speech Centres (NSHSC) and was an adjunct professor at Dalhousie's School of Human Communication Disorders (SHCD). That meant he was well connected with Joy Armson, the school's director.

The university was an obvious fit for the project. "I was interested and fortunately there was a core group of audiology faculty who were also intrigued with the possibility," said Dr. Armson. "The vision of an educational program in audiology in China was entirely Jiang's."

McRae, however, was the financial driver, donating over \$1 million for the project. An additional \$700,000 was raised from other sources, including McRae's

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教育部
国家计划生育委员会
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中华全国妇女联合会
民政部
国家广播电视总局
国家药品监督管理局
中国老龄协会

business associate and friend, Michael J. Stork, of F. J. Stork Holdings, who contributed generously.

Armson and Jiang were soon busy actively setting up the program. "She and I set up a goal to establish a training program modeled after the Canadian curriculum. Our goal was to see the birth of the profession and to see the awareness of hearing health care raised to a new higher level," said Jiang.

A Dalhousie delegation consisting of Armson, Walter Green, Stuart Gourley and George Mencher visited West China Medical University in June 1998. A detailed plan for the program and courses was created, and Green oversaw the curriculum design.

The AudioChina Project officially opened its doors in September, 2000, in Chengdu, Sichuan, China. The project's initial mission was to develop and imple-

ment an audiology training program at West China University of Medical Sciences. Now part of Sichuan University, West China Medical School remains in partnership with Dalhousie. The program delivers a specialized curriculum of audiology training on site and admits 10 students a year.

The AudioChina program has made a measurable difference. According to Jiang and Armson, audiology as a profession was nonexistent in China a decade ago. Since the launch of the graduate training program at Sichuan University in partnership with Dalhousie, as many as 20 different institutions across China now offer some kind of audiology training.

Since 2000, AudioChina has enrolled 43 Chinese graduate students, all with medical backgrounds. The program's goal is to have trained 40 students within the first five years. Already, 23 have graduated.

Jiang's enthusiasm for this mission has attracted the support of current students and his fellow alumni. His colleague Heather Maessen (BA'76, MSc'78) agreed to travel to China to lend her talents. While there, she supervised practicum experiences for Chinese students during AudioChina's first year.

"I worked with Tao Jiang for a number of years at NSHSC," said Maessen. "He kept saying to me that I must come to China on the project and bring my family - which seemed just an unattainable dream to me."

When the time came to actually make a decision about going, Maessen and her husband cashed in some savings and packed for China.

"Training of audiologists is vital and I saw a tremendous need for more services," says Maessen. "A strength of the program was the very bright, motivated students and the excellent professors recruited for teaching."

In addition to its own faculty, Dalhousie has been able to draw leading professors from around the world to lend their expertise, experience, and teaching skills. As a result, Dalhousie has built strong connections with some of the most renowned audiologists in the world.

"We recruited some of the best known experts in different areas of audiology and they worked closely with us in China," says Jiang. "They have become more familiar with Dalhousie and some professors ended up holding workshops for our graduate students."

Recently, the program began to involve Chinese professors with experience in acoustics and hearing physiology. This is part of a larger plan to make the project self-sustaining. The ultimate goal is for Sichuan University to take over the program completely and offer a truly Chinese audiology program, based on the Canadian curriculum.

"We've started recruiting more individuals from within China to teach, to ease

IN MEMORIAM

Robert McRae — ‘An integral part of the team’

University professionals from across the country gathered in June 2003, to pay tribute to Robert McRae (LLD'01). The Canadian businessman and philanthropist had been chosen to receive the 2003 Friend of Education award from the Canadian Council for the Advancement of Education (CCAEE).

McRae spoke humorously and passionately about the joys that philanthropy brought to his later life. He had a particular connection to Dalhousie, recognized by an honorary degree. Notably, his ‘hands on’ enthusiasm was fundamental in establishing the Audio-China Project.

Earlier this summer he was delighted to learn this magazine would be profiling the project. Sadly, his death in July precluded his interview, but

McRae’s efforts leave a legacy, as described by his colleagues.

“Dr. McRae provided the bulk of our funding personally and then recruited the remainder from his business friends and associates,” said Joy Armson, Director of the School of Human Communication Disorders.

“He was constantly on the look-out for other sources of funding for us and was a great advocate for the project. He kept in touch with me, to get regular updates, or to make suggestions about how ‘we’ might keep things going. I considered him an integral part of the AudioChina Project team,” said Armson.

Program manager Tao Jiang met McRae in 1998 and since then they became close friends.

“Without his donation, there would be no AudioChina. Right before he passed away, he was still working hard to find more funding. At the age of 88, McRae’s passing is a big loss to us, personally and professionally,” said Jiang. “I fully believe this project will become an important legacy.”

first official duty of the first Canadian consul in Chongqing was to inaugurate the program. It’s now a tradition for each new consul to visit.”

Armson agrees that the project is building a profile within the profession. “Once, when I was interviewing a prospective teaching candidate by phone, I asked her about her prior knowledge of the project,” said Armson. “She replied by saying that she was very aware and said something to the effect of ‘Who hasn’t heard of it?’ (in the audiology community). So by extension, the reputation of our school here at Dalhousie has been enhanced.”

For Jiang, this project has been especially important personally, and professionally.

“After seeing lots of patients unable to receive adequate care and services, I had to become involved,” says Jiang. “This program will improve the situation in China by training more and more professionals. They will make a huge impact on the quality and level of hearing health care in China.”

Jiang acknowledges the sacrifices made by his family in Halifax due to his extensive involvement in China. “I have been away from my family for much of the past four years yet they never give up their support,” he said.

Jiang says the satisfaction of making a difference in people’s lives makes the sacrifices worth it. “I received a letter from one of my students saying that this project has changed her life completely, I think anyone would be touched by that. To see the program succeed has become the ultimate goal of my personal life.”



Jiang and Armson of the AudioChina Project

the ultimate transition of the program by Sichuan University,” says Armson. “Last year we sent over three North American instructors and the remainder of the faculty were recruited from China.”

“The major challenge confronting us now is to assist Sichuan University with the transfer of responsibility for the program from us to them, and to assist them in ensuring that the quality of the ongoing program is maintained,” says Armson. “We’ve identified individuals within China – some of them educated in the US and Europe – with expertise in key areas. The teaching hospital where the audiology program is located has expanded its clinic space and equipment, showing that they recognize the need for, and importance of audiology services. We believe that the program will continue after we leave.”

Now the Canadian Association of Speech Language Pathologists and Audiologists (CASLPA) is examining the possibility of offering its certification exam in China. If approved, Sichuan University will be able to offer the exam to qualified graduates. Jiang and Armson believe that this should encourage the development of more programs and may result in more support from the Chinese government.

Dalhousie’s involvement in this, and other initiatives in China, has brought the university important recognition. In 2001, Dalhousie was invited to join the Team Canada mission to China led by the former Prime Minister.

“Dalhousie is now widely recognized as an important provider of health care education in China,” says Jiang. “This project has raised the profile of Dalhousie in the eyes of the Canadian government. The

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^{*}No purchase necessary. The contest is open to residents of Canada who have reached the age of majority where they reside. The approximate value of the new Mercedes-Benz CLK320 Cabriolet is \$74,000. The contest runs from January 1st to December 31, 2004. In order to win, the entrant, selected at random, must correctly answer a mathematical skill-testing question. For the odds of winning and to learn how to participate, see the complete rules of the *Win the new Mercedes-Benz CLK320 Cabriolet* Contest at www.melochemonnex.com/dal.
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Alumni inducted into Dalhousie Sport Hall of Fame

The Dalhousie University Sport Hall of Fame inaugural induction ceremony was held October 2. Inductees were honoured in three categories: athlete, builder and team.

Six alumni were inducted into the Sport Hall of Fame in the Athlete category:

The late **Jean Gardner-Grant** (BA'32) established Maritime records in the javelin and discus events in 1931. She also played for four years on Dal's basketball team.

The late **Scott Henderson** was a star halfback and in 1951 won the scoring championship of the Nova Scotia Canadian Football League. He was a starting guard with the basketball team from 1948-52.

The late **Ted Wickwire** (BCom'59, LLB'62) was Dal's star quarterback and won the Duffus Trophy as the conference's MVP in 1960. In basketball, he established a Nova Scotia record by scoring 42 points in a game against St. Mary's.

Peter Corkum (DEngr'62) had a stellar varsity career in both football and hockey.

By his senior year, Corkum was Dalhousie's all-time leading scorer with 172 points.

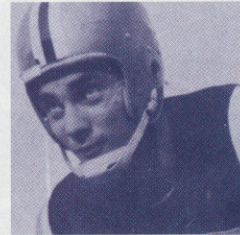
Karin Maessen (BPE'81) led Dalhousie to the CIAU volleyball championship in 1982. Maessen also captured six conference gold medals in Track & Field.

Susan (Mason) MacLeod (BScPT'82) won three CIAU gold medals in 1979 and was selected as CIAU Swimmer of the Year. She was undefeated in conference freestyle events.

Two great Dalhousie teams were recognized in the Team category:

The **1954 Football Team** will be celebrating the 50th anniversary of defeating St. Francis Xavier in the final of the Purdy Cup, emblematic of the Nova Scotia Championship.

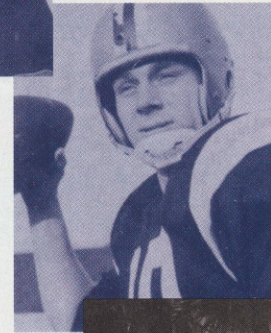
The **1976 Field Hockey Team** won the national university championship.



Corkum



Gardner-Grant



Wickwire



Maessen

Up and coming

We've got a busy fall events schedule, so check and see if we are going to be in a city near you. If you've recently moved, make sure you update your address with us. You can also provide an email address and receive event notices online. If you are interested in attending, please get in touch: alumni.events@dal.ca or call us toll free at 1-866-225-8043.

Ottawa: October 14- 8pm

Young Alumni Pub Night

Mother McGinty's, 67 Clarence St., Byward Market

Halifax: October 20 - 5:30-7pm

Nova Scotia Donor Appreciation Reception
Macdonald Building, Dalhousie University

Events

www.dal.ca/alumni

Saint John: November 1 - 5:30-7pm

Alumni Reception

Shadow Lawn Inn, 3180 Rothesay Rd, Rothesay

New York, NY: November 12

Alumni Reception

St. John's: November 16 - 5:30-7pm

Alumni Reception

The Fluvarium, Pippy Park

Toronto: November

Alumni Event TBA

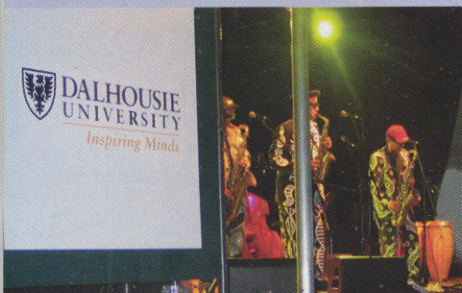
Ottawa: December 2 - 6-8 pm

Alumni Reception

Rideau Club, 99 Bank Street, 15th Floor

Boston: January, 2005

Alumni Event TBA



The Shuffle Demons take the stage on 'Dalhousie Night' at the Jazz Festival

Jazzed!

On July 10, alumni gathered at World Stage of the TD CanadaTrust Atlantic Jazz Festival and took in the Shuffle Demons and Salsa Picante. A foggy evening but perfect for a little salsa dancing!

2004 Archibald Awards

The **A. Gordon Archibald Awards** recognize alumni for outstanding personal service, commitment and contribution to Dalhousie. Many university programs and services exist through the loyalty, generosity, and dedication of alumni. The Archibald Awards are named in memory of Gordon Archibald, one of the first to be recognized as an outstanding alumnus.

As a student **Peter Doig**, (BA'51, BCom'53) belonged to a fraternity, served as arts and science representative on Student Council, and participated in inter-faculty sports. Peter was appointed Life President of the Class of 1951 and has remained an active alumnus since. Peter volunteered with the Dalhousie Alumni Association, serving as President in 1984-1985. He was also a member of the Dalhousie Board of Governors for eight years. Peter has strong family ties to Dalhousie. Two brothers and four of his children are Dalhousie graduates.

Ron Gilkie began engineering studies at Dal in 1956, graduating with his BSc and DEng in 1960. He graduated from civil engineering at NSTC in 1962. He completed a master of engineering degree at Tech, followed by a PhD from the University of London in 1967.

Ron has spent over 35 years as a dedicated volunteer and staff member. He took early retirement, as a full professor, in 1994. Ron continues to teach in the Civil Engineering Department as an adjunct professor. He served as a member of the TUNS Alumni Association from 1980-84 and was its President in 1981-82.

The **Women's Division** has been a dedicated supporter of Dalhousie for almost 100 years. Formed as the Alumnae Association in 1909, the group became known as the Women's Division in 1946.

In the 1920s the alumnae group offered to help furnish Shirreff Hall's library, reception and lounge areas and continues that tradition today. Over the years, quietly and without fanfare, the Division has awarded thousands of dollars to grateful students. In 1982, an endowment allowed the Division to establish four annual scholarships. They also award student medals of merit during convocation and two financial bursaries.

On the roof of Africa

Prior to a Global Volunteers vacation, **Susan Longmire** (DPT'70) scaled Mount Kilimanjaro, the highest peak in Africa, located in northern Tanzania. She was joined on the ascent by **Hildi Konok** (MAT'90, MA '96), who taught French and was assistant dean in the Faculty of Arts and Social Sciences at Dalhousie. Susan was a guest speaker for the women's division of the alumni association recently.



Going up the mountain: Longmire and Konok on the summit of Mount Kilimanjaro

7th Dal Golf Classic a swinging success

Avid and amateur golfers descended on the links at Glen Arbour on September 2nd for the 7th Annual Dal Golf Classic. A sellout crowd of 180 teed off on a chilly morning but as competition heated up, so did the weather – ensuring that another winning event was in full swing.

David and Diane Bell – the tournament's honorary co-chairs, Dalhousie alumni and solid university supporters took to the course with their respective teams, to join many others for a spectacular day of golf.

All 18 holes featured outstanding displays by sponsors offering prizes and giveaways. Student athletes and varsity coaches helped host each hole. The annual putting contest was again popular (raising a record high of

\$1,300) with players vying for a Taylor Made Series driver donated by adidas-Salomon Canada.

We are delighted to announce that this year's tournament raised \$35,000! This money will be added to the Athletic Endowment Fund. A campaign is in the planning stage to raise \$3M for the Fund which will allow Dalhousie to offer full tuition scholarships to student athletes.

Our first corporate gift to the campaign from TD Meloche Monnex was celebrated...thank you Meloche for your generous \$100,000 pledge!

The Dal Golf Classic was organized by Dalhousie Athletics and Recreational Services and Dalhousie External Relations.



Reunion – Pharmacy 1994

The Pharmacy Class of 1994 celebrated its 10 year reunion in July at the Digby Pines Resort in Digby, Nova Scotia. The group had a great time enjoying a BBQ, golf and a lobster dinner. Plans are underway for the next reunion to be held in Jamaica!

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Office of External Relations

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Planned.Giving@Dal.Ca
www.dal.ca



1 9 4 7

George Moffatt, DIPED, has been recognized for outstanding dedication to the service of others by the Sisters of Charity, as recipient of the 2004 Elizabeth Ann Seton Award.

1 9 5 7

J. Garry Watson, BSC'54, LLB, has been living in Whistler for the last 15 years, following retirement as B.C. Place Corporation Counsel. He has been associated with five attempted Winter Olympic Games bids since 1960. Garry is still active in his first love of skiing (after a brief pause last year for a spinal fusion).

1 9 6 1

Bill Donovan, BENG(NSTC), is enjoying retirement from the engineering department of the University College of Cape Breton.

1 9 6 7

Gary Latham, BA, received the Distinguished Scientist Practitioner award from the Academy of Management in the U.S.

1 9 6 8

Dr. Jan Zatzman Orlansky, BA, has moved to Skopje, Macedonia for the next three years. She can be reached via janorlansky@yahoo.com.

1 9 7 2

Karl Pfeifer, MA, married Dhyanthi Manickarajah in Melbourne in 2001. They have a son, Ilya Geethan Pfeifer born June 17, 2003. Karl spent 2003-04 at the School of Philosophy and Bioethics at Monash University and returned to the University of Saskatchewan in September.

1 9 7 4

Ann (Lovett) Caffley, BA(HON), and husband Don have moved to Charlottetown from Ottawa. Don has retired from the public service, but Ann and Don will continue their HR and IT consulting business.

1 9 7 5

Sharon (Taylor) Taylor-Henley, MSW, received her PhD from the University of Minnesota in June, 2004. Sharon is an associate professor in the Faculty of Social Work at the University of Manitoba. She lives in Winnipeg with husband Dick Henley, a fellow Maritimer and associate professor with Brandon University, and daughter Kate.

1 9 7 6

Paula McPherson, LLB, has been appointed Deputy Judge, Ontario, Central South Region. She can be reached at resolve@sympatico.ca.

1 9 7 7

Rosalind (Hale) Penfound, BPE'74, LLB, was appointed Deputy Minister, Nova Scotia Agriculture and Fisheries. Rosalind is also a member of the part-time faculty at the Dalhousie Law School.

Jeff Tracey, BSc, has been appointed president of the Geomatics Industry Association of Canada and executive director of the Canadian Institute of Geomatics. He served with UNMOVIC as a biological weapons inspector searching for weapons of mass destruction prior to the Iraq war.

1 9 7 9

Marc C. Chisholm, LLB, was appointed a Judge of the Provincial Court of Nova Scotia, and was further appointed to the Family Court of Nova Scotia.

Frank A. Gervais, PENG, BENG'61 (NSTC), MENG(NSTC), recently received the Honorary Life Award from the Association of Professional Engineers of Nova Scotia.

1 9 8 0

Michael Eakin, BENG(NSTC), and wife Laurie live in Dartmouth with daughters Sarah and Melissa. Michael is president of Eastin Projects Limited, a project and construction company in Halifax.

York Tang, BSC, BCOM'82, has been appointed Compass Canada district manager for national IBM accounts. You can visit his web site at: www.fortunecity.com/boozers/horn/34/.

Dr. Kevin Vessey, BSC(HON), MSc'83, PHD'87(QUEEN'S), has been appointed dean of the Faculty of Graduate Studies and Research at Saint Mary's as of Jan. 1, 2005. He is currently a professor (Plant Physiology) at the University of Manitoba.

1 9 8 1

Ian Holloway, BSC, LLB'85, was elected to membership in the American Law Institute, one of only twelve Canadians to belong.

1 9 8 2

Carol A. Richey, BPHYSED, is teaching special education in Markham, Ontario.

SPOTLIGHT ON ALUMNI

Making a dream come true in Niger

Dr. **Ron Stewart** (MD'70) left politics in 1997, after serving for three years as Minister of Health under former Nova Scotia Premier John Savage. Now Director of Medical Humanities at Dalhousie's Medical School, Dr. Stewart recently found himself working again with Dr. Savage – this time on a more personal and bittersweet project. Dr. Savage and his wife Margaret died of cancer last year,

but before their deaths,

its support, but was not able to provide medical expertise and other needs evident “on the ground.”

Dr. Stewart forged a relationship with the Dartmouth Rotary Club, which has since sent thousands of dollars' worth of pharmaceuticals and equipment to the clinic. He is also working with Dalhousie's International Health Office to set up an elective course that will allow medical students to work in the Touré

nearby villages. The students not only participate in community health education, especially among the youth, but they add value by actually carrying the drugs provided by the Rotary through Health Partners International (Montreal) to the clinics.

Laden with boxes when they arrive at the airport, the students jokingly call themselves “drug mules.” They

willingly volunteer this extra assistance out of recognition that the pharmaceuticals will be used to combat life threatening disorders such as diarrhea, meningitis and post-partum infection. They also have a major service role to play in public health education in basic hygiene, infectious disease prevention and AIDS awareness and prevention.

“The poverty there is overwhelming. But we're trying to do our bit, and I think we're going to accomplish what Margaret and John wanted us to do,” says Dr. Stewart.

Earlier this year, the clinic was formally renamed after Dr. John and Margaret Savage in a fitting tribute to its founders.

– *Charmaine Gaudet*

Dalhousie Medical Communications



Views of the Margaret and John Savage Health Centre in Touré, Niger



Photos: Rodenhiser

they wanted to ensure the success of a small health clinic in Touré, Niger, that the former premier helped found. Dr. Stewart, a long-time close friend of the Savages, took up the challenge.

The clinic was originally set up with assistance from Etruscan Resources Inc., a Windsor, N.S. based company that mines gold in Niger and other African countries. Niger is a sub-Saharan republic located south of Libya and north of Nigeria. The population is more than 10 million, predominantly Muslim, and multi-linguistic. French is one of the official languages and the clinic is known as the Centre de Soins Intégré John et Margaret Savage de Touré.

While the clinic serves a population of about 15,000 people who would otherwise not have access to health care, it needed to be financially sustainable. Etruscan continued

1983

Nancy A. Appleby Cowper, BCOM, MBA'00(SMU), has fond memories of days at Dal. She writes that Dalhousie opened her mind and helped instill a love of learning.

1984

Clare Christie, BA'67, LLB, has sold her law practice to Joseph Cuffari and it is now called Christie Cuffari Law Office. She has moved to Amherst and can be contacted at clare_christie@auracom.com.

Sylvie Peltier, MES has written, directed and produced documentaries for a variety of television networks, including CBC, Radio-Canada, and Bravo! Find out more about her documentary 'Vive les clowns! The Cheer of a Clown' at www.redletterfilms.com.

Donald J. Trider, DDS, and wife **Hulda**, BA'75, are moving from Goose Bay, Labrador to Belgium as Don begins his position in charge of the Canadian dental clinic at the NATO base at SHAPE. They are looking forward to life in Europe for the next three years.

1985

Pamela M. Peters, BScN, has finished the first year of her Masers in Nursing/Nurse Practitioner program with the University of Calgary, after receiving her National Certification in Gerontology in 2003. Classmates can contact her at mydrake@shaw.ca.

1987

Brian W. Conway, LLB, and wife Yvonne announce the arrival of their first child Sean Logan Conway, who will be introduced at parties as 'Conway, Sean Conway.'

Keith Landra, BENG(CHEM)(TUNS), lives in Calgary with wife Margaret, son Carl, 16 and daughter Jennifer, 15. Keith is Manager, Corporate Health and Safety, Petro-Canada, and is completing his Master of Applied Science in Occupational Health at McGill University's Faculty of Medicine.

1988

Geoffrey Atheron, BA'86K, MA, has been granted tenure in German Studies at Connecticut College. He joined the college in 1999 and is associate professor. Atheron's teaching interests range from German language to modernism.

Maureen Patrice MacCormick, BScPH, married **Gerard Elzear Comeau**, BENG'96 (TUNS), in June 2004. Maureen is pharmacist at Hubbards Drug Store in Hubbards, N.S. Gerard is at Maxim Construction in Dartmouth. Friends can reach them at: m.maccormick@ns.sympatico.ca.

1 9 8 9

Todd A. Beal, BCOM, is working as an informatics analyst at DFO in Dartmouth. He lives in Halifax with wife Kathy and children, Kaitlyn and Nathan. Todd enjoys volunteering and spending time hiking and fishing.

Shawn D. Hiltz, BCOM, MBA'91(UCF), was promoted to senior Brand Manager Resort, which includes marketing of two Disney Parks, seven Disney Hotels, and Disney Village, a night-time entertainment district. He has been working at Disneyland Resort Paris since November, 2001 after two years with Walt Disney World in Florida.

Carol (Higgins) Justason, BCOM, obtained official bilingual status in June, 2004, after nine months of full-time French.

Sandy MacFarlane, BA, and her husband Myles Evans, announce the birth of Thomas on Jan. 13, 2004, a brother for Jennifer, age 2. They reside in Waverley, N.S.

Bethany (Inman) McMullen, BScPH, and husband Paul welcomed their first child, Jacob William on Feb. 20, 2004. Beth is the pharmacist/owner of the Shoppers Drug Mart in Willowdale, Ontario. Friends can contact them at: pmcmullen@sympatico.ca.

Gary R. Murray, MBA, runs a hotel/golf investment firm in Thailand. He relocated to Bangkok in 1998 to acquire distressed real estate. Gary is married and has two kids.

1 9 9 0

Tory S. Thorkelson, BA, was recently elected president of the largest chapter of Korea TESOL in Seoul, Korea.

1 9 9 1

Sean Bentley, BENG(TUNS), and **Pamela Huntley**, BENG'92(TUNS), welcome Claire Leah, born May 17, 2004 — a sister for Laura, 7, and Sarah, 5. They are the granddaughters of **Ken Huntley**, BENG'69 (NSTC).

Jennifer (Raven) Black, BA, M.PHIL.'99 (QUEEN'S, BELFAST), and husband Michael would like to announce the birth of their first child, Naomi Jane, December 22, 2003.

Tara (Frauzel) Davies, BA'90, BA AMC, and **B. Scott Davies**, BA'98, announce the birth of their first child Nathaniel Harrison Davies on January 19, 2004.

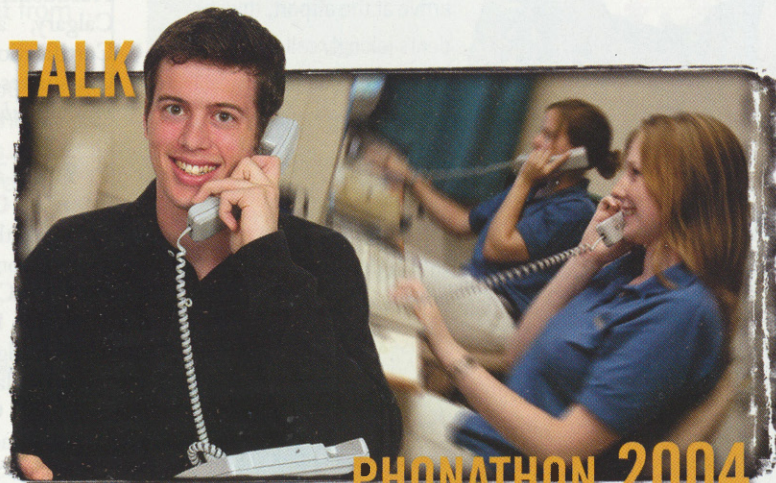
Joel D. Greek, BSc, received his MEd from MUN in 2004. Joel is a chemistry teacher at Booth Memorial High School in St. John's and resides in Mount Pearl with his wife Joanne Sparkes and son Andrew.

Rob Olscamp, BA, and Teresa Mosca-Olscamp announce the birth of their first child, Samuel George Olscamp in Calgary, May, 2004. Friends are encouraged to keep in touch via: robolscamp@hotmail.com.

Shaunda L. Wood, BSCH, graduated from University of Ottawa with a PhD in education. She has accepted a position at St. Thomas University (swood@stu.ca).

Peter J. Zed, BSc, BScPH'95(MUN), PHARM.D.'98(UBC) and **Stacey L. Fairweather Zed**, DDH, announce the birth of Alexandra Mae on June 1, 2004. Peter is a pharmacotherapeutic specialist in emergency medicine at Vancouver General Hospital and clinical assistant professor in the Faculty of Pharmaceutical Sciences at UBC. Stacey practices dental hygiene in Vancouver.

LET'S TALK



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Inspiring Minds

SPOTLIGHT ON ALUMNI

Monumental moments captured in short films

Film maker **Eric Bednarski** (BA '99) is reaching audiences near and far with his provocative historical exploration of the legacy of the Second World War. Most recently *Postcard from Auschwitz* featured at the Atlantic Film Festival and at the Worldwide Short Film Festival in Toronto.

The short documentary explores the legacy of the war and his family's experiences. Poland is the creative and personal heart in Bednarski's work. In his breakthrough film Bednarski tells the story of his great-uncle Mietek's experience as a political prisoner – he was a Polish Resistance officer – in Auschwitz. In *Postcard*, the filmmaker uses a unique thread to sew together the story. Apparently Mietek Bednarski and his fellow prisoners were permitted to correspond with loved ones from the infamous camp.



Mietek Bednarski, at Auschwitz, 1942

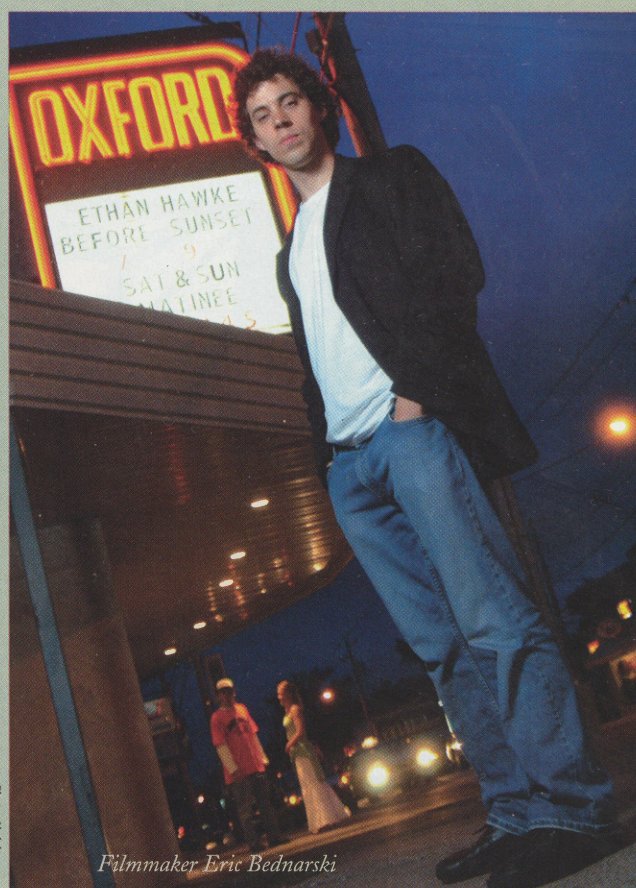
"I was really shocked when I discovered that people held in Auschwitz could write to their relatives and that there was even an official Auschwitz postcard," the 27-year-old filmmaker confides. Bednarski criss-crossed the Atlantic, working between Halifax, Warsaw

and the camp, located a few hours from the Polish capital. Eric's commitment to this research included assisting his father to translate Mietek Bednarski's diary, which was eventually published in Warsaw.

Bednarski's viewers likely felt that same jolt watching the film. A combination of archival images and current footage shot at the Auschwitz site – now a museum that has procured Bednarski's film for educational programs – make a powerful mix. Bednarski takes his viewers from Warsaw streets before the Nazi occupation to Pawiak prison, where his great uncle was first detained, and then to Auschwitz. The narration draws from Mietek Bednarski's diary, letters and postcards to his wife.

Viewers also learn about the Nazi administrative machine that governed the correspondence of prisoners. This aspect fascinated Myrocia Watamaniuk, the World Wide Short Film Festival's programming and symposium manager, who became instrumental in getting Bednarski's film in front of a large and international audience in Toronto.

Bednarski's next film will examine how another occupational force left its mark on



Filmmaker Eric Bednarski

the Polish people. He has been travelling between London and Warsaw to research his "historical portrait of a neighbourhood." The 'MDM' was rebuilt by Stalin after the Second World War as a model communist urban space. Bednarski's father, Leszek, an architect, grew up nearby this downtown area which remains as an architectural legacy that impacts Warsaw's citizens today.

These short documentaries link together the past and present, the personal and universal.

– Sean Flinn

1 9 9 2

Christopher Baker, DDS, and **Stephanie (Crowe) Baker**, BScN, announce the birth of Maxwell Stephen on February 21, 2004 – the day after the Halifax blizzard – a brother for Fiona, 5, and Charlotte, 2, who shares a birthday with Max. They live in Dartmouth, N.S.

Alexander S. Burton, BA, is now in New York working in the Manhattan District Attorney's Office. He is engaged to Cristie Ford, who he met at the University of Victoria Law School.

Michelle (d'Entremont) MacDonald, BScPH moved in February, 2004 to Tobago, West Indies where she and husband Tim serve as missionaries. Check out this mission work at: <http://tobago.clearpassagemusic.com>.

1 9 9 3

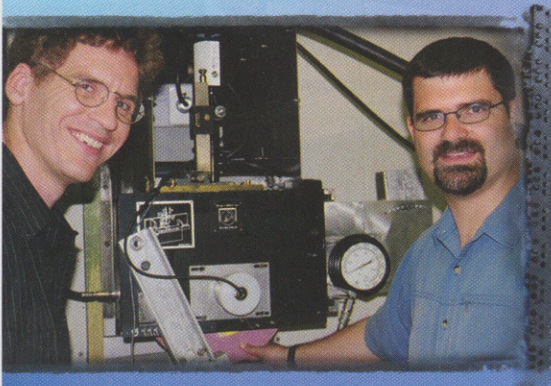
Heather (Connelly) Bennett, BCOM, and husband Sean welcomed Jackson (Jack) Davis on April 2, 2003, a brother for Alex. Heather is a computer consultant with Keane Canada in Halifax. They reside in Falmouth, NS and can be reached at sbbennett@eastlink.ca. Proud

grandparents are **Pete Connelly**, MD'70, PGM'77, and **Sandy (Davis) Connelly**, BED'67.

Carolyn Fraser, BScPH, and **Trevor Eagles**, DENG'88, BENG'91(TUNS), announce the birth of their first child, Lauryn Isabelle on October 30, 2003, in Timmins, Ont.

Shona MacKeen, BCOM'91, MBA, and **Cameron MacKeen**, LLB'02 announce the birth of Kirsten Shona, May 16, 2004.

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Robert Bauer and Andrew Warkentin, professors of Mechanical Engineering, with the Blohm Planomat 408 grinding machine donated by Pratt & Whitney Canada.

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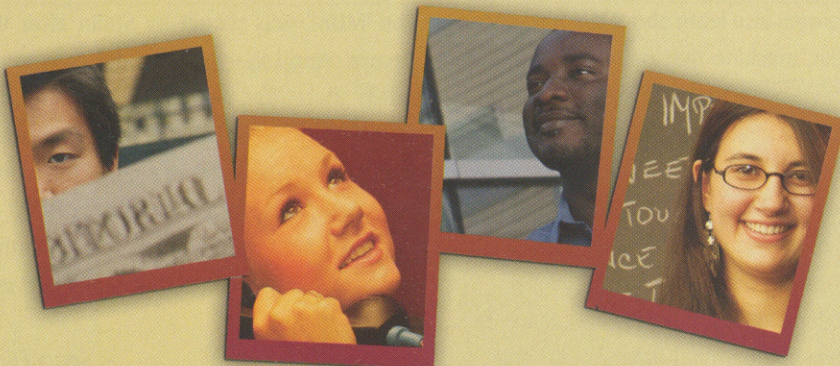


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Inspiring Minds

Jane Orion Smith, BA, and Janet Ross Melnyk were married in a Quaker ceremony on May 30, 2004 in Victoria, BC. Orion is General Secretary of Canadian Friends Service Committee (Quakers) in Toronto and can be reached at cfsc@quaker.ca.

Virginia Stites, BScPH, lead a team of young professionals representing Rotary District 7810 (NB, Northeastern Maine and Gaspé) to Adelaide, Australia in April 2004. They participated in a Group Study Exchange, a cultural and vocational experience.

Mohd Rasmir Mohd Rashid, BENG (TUNS), is running a small construction firm in Sabah, Malaysia. His wife Rosni is a senior account manager of Maybank. They have three sons.

1 9 9 4

Marsha (Gollan) Mariani, BREC, and husband Peter announce the birth of Hailee on February 8, 2004, a sister for Ethan. They live in Toronto, where Marsha works for the Town of Markham. Marsha can be reached at empmariani@hotmail.com.

1 9 9 5

Chris Barker, BCOM, and **Lori (Coughlin) Barker**, BCOM, announce the birth of Jayden Kale on October 8, 2003, a brother for Katelyn Aurora, 6, and Alyssa Jade, 2.

Chiedza Chimombe, BCOM, is now the proud mother of Ashley Paidamoyo Ruvarashe Chimombe, born in Fredericton, on May 21, 2003.

Kathryn (Strum) Poole, BScPT, and husband Frank, announce the birth of their first child, Liam Stephen James on February 21, 2004. The family resides in Shelburne, N.S.

1 9 9 6

Jodi (Clarke) Bowles, BScK'93, BScOT, and husband Ron announce the birth of Annie Elizabeth Bowles on June 13, 2003, in Happy Valley-Goose Bay, Labrador.

Perry D. Comeau, BSc, and MaryLou announce the birth of Ethan Dean on April 20, 2004. They are still in Halifax and can be reached at comeau4@ns.sympatico.ca.

Mary Dewar Ducharme, BScN, and **Jonathan A. Ducharme**, BCOM'98, announce the birth of Stella Dewar Ducharme, March 12, 2004. They reside in Basking Ridge, New Jersey. Mary is an RN at the Morristown Surgical Centre and Jonathan works in clinical development at Organon Pharmaceuticals. Friends can contact us at: jducarme@optonline.net.

Anita Gibbings, BCOM, has just completed her MBA at IESE in Barcelona, Spain and will be working as a management consultant in New York. Friends can contact her at anita.gibbings@iese.net.

Denise Grant, MED, is in Oregon, where she is director of university bands at Portland State University.

Andrew S. Kirby, BCOM, enjoyed his four years at Dalhousie and made some great friends as a member of the swim team. Andrew resides with his wife Tracy in Barbados and has his own CPA practice.

Shane Turner, BSc, and **Marni Tuttle**, BSc, BA, announce the birth of Ada Bronwyn Tuttle on March 13, 2004.

1 9 9 7

Ronald Savoie, BScPT, and **Kimberley (Cook) Savoie**, BScPT, along with big sister Annie are pleased to announce the birth of Ella Michaela Theresa on August 6, 2003

Ranga Soundararajan, MASc(TUNS)'91, PhD(TUNS), and **Sumita Ranganathan**, MSc'94, have a daughter Manasvini, 2. Sumita is a research scientist and Ranga is a senior research scientist with E.I. DuPont Canada in Kingston, Ontario.

1 9 9 8

Tim Comeau, BSc, and Agnieszka Grabowski are engaged. Tim has a specialist position within the C.F.I.A. Agnieszka has been inducted into the Nursing Honours Society. Contact them at pecheur@excite.com.

Charlene (Lightfoot) Conrad, BScK, married **Matthew Conrad**, BA'02, in 2000. They announce the birth of their daughter Lauren Elizabeth on December 20, 2003.

1 9 9 9

Eleanor (Findlay) Humphries, BSc'80, MBA, has been married to Gary for 19 years. They have five children, Nicholas, 13, Benjamin, 10, Emily, 8, Hannah, 7 and Matthew, 5 and live in St. Margaret's Bay, N.S. After working with the Bank of Nova Scotia for 15 years, she is now President and CEO with Credit Union Atlantic. She received a Top 50 CEO award in 2002 and 2003.

2 0 0 0

Marcos T. Yoshida, MBA, returned to Brazil, where he works as a country manager for a multinational company called Gambro. Former classmates can contact: marcosyoshida@hotmail.com.

2 0 0 1

Heidi Greek-Hilchie, BScN'97, MHSA, and husband Mark announce the birth of Olivia Katherine Hilchie, on March 9, 2004.

Geraldine Masters, MPA(M), and **Peter Green**, BCOM'61, LLB'66, were married at Niagra on the Lake on May 19, 2003. Peter is counsel at the Burchells Law Firm. They can be contacted at masters.green@ns.sympatico.ca.

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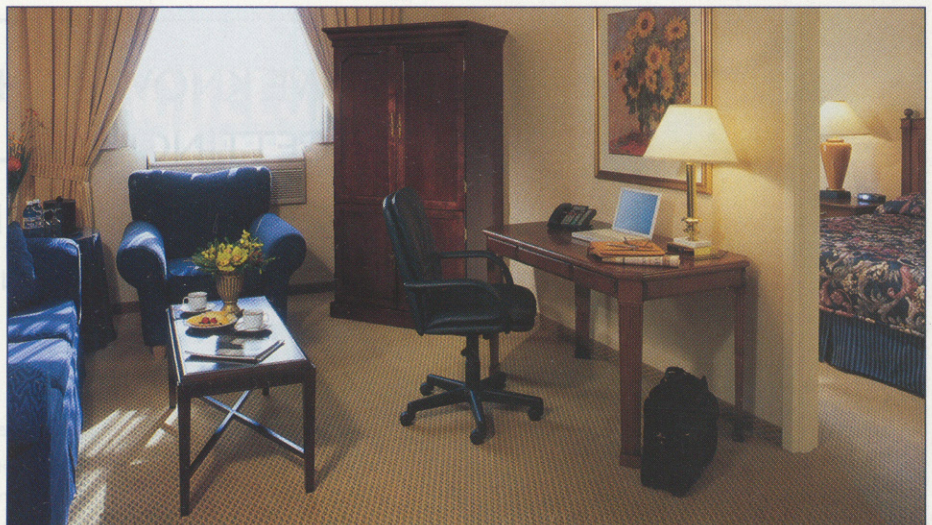
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The \$208 million Atlantic Development Board failed to fulfill its mandate for a regional development plan. In 1969 APEC stood in favor of Maritime Union. APEC's accomplishments ranked with the initiatives in the United Kingdom, Europe and United States however, the Council was unable to overcome the forces of centralized investment and political power.

Finally the author recommends a comprehensive and coordinated approach to the underlying problems of the region to avoid shrinking economic opportunities and the continuing exodus of our youth and capital.



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Derek Weir, MSc, BScK '99, and **Stephanie Meister**, BScOT married on May 22, 2004. They are living in Halifax.

2 0 0 2

Catherine "Cate" (Roe) Berry, MBA, is married and living in Las Vegas, Nevada where she is in the process of creating her own consulting business.

2 0 0 3

Ray Cushing, BScPH, and **Alicia Hingley**, BScPH, were married July 10, 2004, in Niagara on the Lake, Ontario.

IN MEMORIAM

Shirley Marie Kerr, ARTS & SCIENCES, Annapolis Royal, on June 16, 2004.

Mary Caverhill Nutter, ARTS & SCIENCE, Maxville, Ont., on June 7, 2004.

J. Lindsay (Lindy) Rood, ARTS & SCIENCE, Calgary, Alta., on April 29, 2004.

Jean Louise Taylor, BA'29, Halifax, N.S., on June 1, 2004.

Harold Jack Davidson, BSc'30, MD'35, Sydney, May, 2004.

Ella Blanche Henniger, BA'32, Smiths Falls, Ont., on March 16, 2004.

George Arleigh Haverstock, BCOM'33, Dartmouth, N.S., on April 2, 2004.

Eric Martin (Marty) Mitchell, BENG'34 NSTC, Ottawa, on July 2, 2004.

Sister Isobel Page, BSc'34, Halifax, N.S., on April 4, 2004.

Irving Charles Pink, BA'34, LLB'36, Yarmouth, N.S., on June 4, 2004.

Harry Duncan Roberts, MD'36, St. John's, Nfld., on June 5, 2004.

Milledge Stevens Hicks, BENG'37 NSTC, Halifax, N.S., on June 18, 2004.

Joan Sylvia Fawcett, BA'40, DED'41, Tantallon, N.S., on May 11, 2004.

Martin Albert Eisenhower, DENGR'41, BSc'41, BENG'43(NSTC), Lunenburg, N.S., on August 5, 2004.

A. Kenneth Archibald, BSc'43, MSC'44, North River, Cornwall, P.E.I., November, 2003.

Samuel Kronley, DDS'42, Delray Beach, Florida, on April 28, 2004.

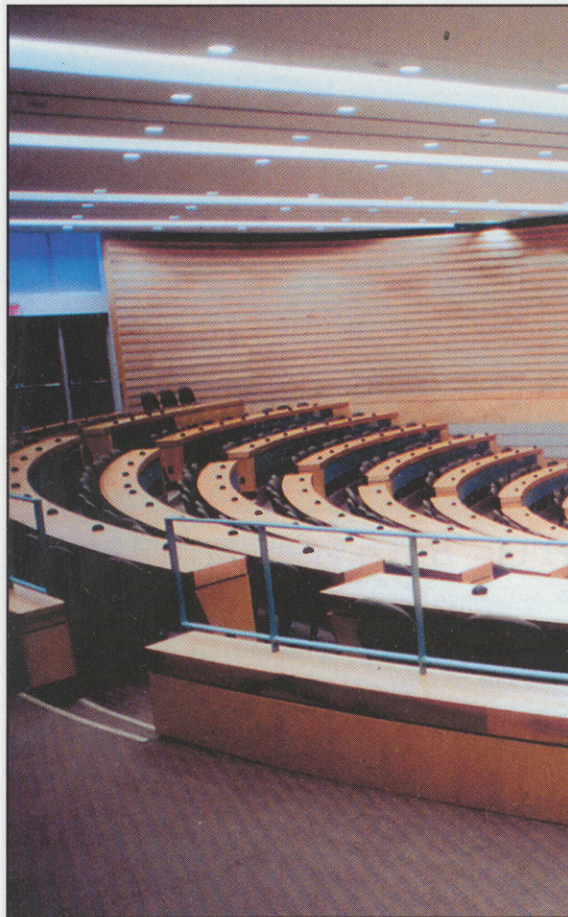
Leo Green, MD'43, Halifax, N.S., on July 7, 2004.

Cyril Arthur King, BCOM'43, Halifax, N.S., on May 21, 2004.

George H. Cook, BENG'44(NSTC), Saint John, N.B., on May 27, 2004.

Ralph Thomas Vaughan, LLB'44, Quebec, on June 3, 2004.

Robert M. Webster, BSc'47, MD'52, Jasper, Georgia, USA, on June 17, 2004.



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Mary (Joan) Wilson, MSW'47, Halifax, N.S., on June 18, 2004.

Malcolm Graham Peter MacMillan, DENG'48, BENG'50(NSTC), Halifax, N.S., on May 27, 2004.

Graham Stewart Shellnutt, BCOM'48, Ottawa, Ont., on April 17, 2004.

Rev. Dr. Robert C. Kaill, BA'49, on May 5, 2004.

Robert John Knickle, BCOM'49, Halifax, N.S., on May 14, 2004.

Arden Lyall Pierce, BENG'49(NSTC), Fredericton, on May 7, 2004.

Hilliard Pivnick, MSc '49, Nepean, Ont., October 6, 2003.

John Robert (Bob) Cameron, BENG'50 (NSTC), Milford Station, N.S., on May 9, 2004.

Millard Wright Coles, DENG'50(NSTC), BENG'52(NSTC), Montreal, Que., on May 6, 2004.

Roy Wilks, BCOM'50, Moncton, N.B., on January 30, 2004.

James Bernard Tompkins, MD'51, Taigh Na Mara, N.S., on July 19, 2004.

Francis Gerard (Frank) Barton, DED'52, BED'57, Halifax, N.S., on July 21, 2004.

John William Godin, BENG'52(NSTC), Dartmouth, N.S., on July 4, 2004.

Victor Wray Evans Johnston, BENG'52 (NSTC), Pugwash, N.S., on June 27, 2004.

Thomas Victor Stone Wiggins, LLB'52, Toronto, Ont., on June 26, 2004.

David Joseph Alexander, BENG'53 (NSTC), St. George's, Nfld., on June 24, 2004.

Charlotte Matilda Gordon, DPH'53, Charlottetown, P.E.I., on March 26, 2004.

Cyril Raymond Taylor, MD'53, Saint John, N.B., on May 12, 2004.

Gordon Lloyd Goulding, MD'54, Wolfville, N.S., on June 18, 2004.

Hazel Murphy, MD'54, Riverview, N.B., on June 10, 2003.

Clifford Edwin Jebson, MD'55, Kentville, NS, on March 28, 2004.

Malcolm E. Margison, BSc'55, MD'59, Woodstock, N.B., on July 9, 2004.

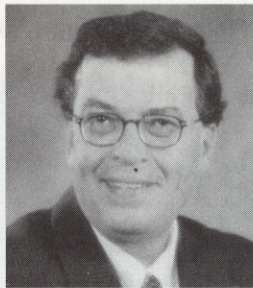
Laurie Burnett Stevens, BENG'57(NSTC), Halifax, N.S., on March 22, 2004.

George Luke Isaac, BENG'58(NSTC), California, U.S.A., on March 9, 2004.

ANNOUNCEMENT

Hallmark Canada

Roger Baranowski, MBA '79
President



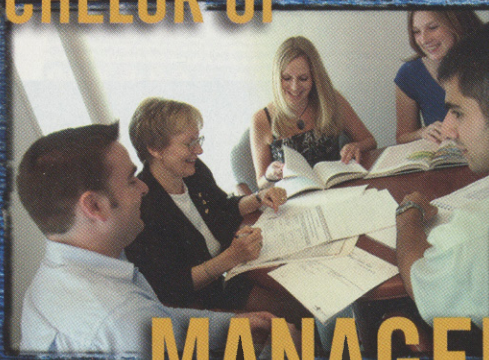
John Beeder, Senior Vice President and General Manager – Greetings, Hallmark Cards Inc., Kansas City is pleased to announce the appointment of **Roger Baranowski** to the position of President, Hallmark Canada.

Mr. Baranowski graduated from Saint Mary's University, Halifax with a degree in Commerce and holds an MBA from Dalhousie University, Halifax. Roger has over 20 years of senior marketing leadership experience in the consumer packaged goods and communications industries.

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J. Murray Layden, MD'58, Mulgrave, N.S., on June 19, 2004.

Harry J. Noble, LLB'58, Ponoka, Alta., on August 30, 2003.

J. Stuart Sullivan, DENGR'58(NSTC), BENG'59(NSTC), Halifax, N.S., on June 10, 2004.

Leslie Balazs, MD'59, Florida, U.S.A., March, 2004

Gerald Wayne Hill, PENG, BENG'63 (NSTC), Brampton, Ont., on May 10, 2004.

John Joseph Dean, BED'66, Halifax, N.S., on March 31, 2004.

Douglas H. Urquhart, DENGR'67, BARCH '70, Hackett's Cove, N.S., on July 7, 2004.

Charles Gary Weagle, BCOM'67, Toronto, Ont., on April 11, 2004.

Ian Gordon Darrach, BCOM'69, LLB'72, Halifax, N.S., on April 30, 2004.

Alan Grant Gray, BA'69, MES'83, Halifax, N.S., on June 16, 2004.

Angus Anthony (Tony) MacKenzie, MA'69, Egerton, Pictou Co., N.S., on July 8, 2004.

Joanne Snair, BSc'69, Bogata, Columbia, on July 21, 2004.

Roger Pocklington, PHD'70, Wolfville, N.S., on May 10, 2004.

Rev. John Wesley Wainwright, BA'70, Sydney, N.S., on May 21, 2004.

Philip Douglas (Phil) Hubley, BSc'70, BENG'72(NSTC), Dartmouth, N.S., on July 12, 2004.

Elizabeth Jones Haines, MA'71, Halifax, N.S., on March 14, 2004.

Ross Willard Miller, BENG'71(NSTC), on March 21, 2004.

Arthur Jude (Art) Mollon, LLB'71, Sydney, N.S., on August 1, 2004.

Diane M. Deveau, MD'72, Salmon River, N.S., on June 1, 2004.

Jean Louise Nunn, BA'72, Windsor, N.S., on March 23, 2004.

Donald Gary Hobbs, BSc'73, BED'74, Shelburne Co., N.S., on May 2, 2004.

Colin Stewart, BSc'76, Halifax, N.S., on March 15, 2004.

Winston King, BCOM'76, Sydney, N.S., on June 16, 2004.

June M. Hibbitts, BA'77, Halifax, N.S., on July 10, 2004.

Michelle Wilson, BA'78, BAHC'79, MA'81, Halifax, N.S., on May 13, 2004.

W. J. Patrick Kellerman, BA'80, Winnipeg, on January 11, 2004.

Calvert Charlton Miller, LLB'81, Singapore, on June 1, 2004.

Bruce Richard Berwick, BA'84, Toronto, Ont., on June 5, 2004.

Mitchell Dean Faulkner, BSc'84, San Diego, Calif., on June 26, 2004.

Louise A. Williston, BSW'84, Kennebec Manor, N.B., on May 16, 2004.

Carol Kathleen Whitlow Buck, LLD'89, London, Ont., on April 29, 2004.

Susan Jane Upham, BN'89, Truro, N.S., on May 25, 2004.

R. Kim McGuigan, BSW'90, Charlottetown, P.E.I., on March 23, 2004.

Sandra Ann Clair, CAFNC'95, Eskasoni, N.S., on July 12, 2004.

Ke'ptin Joseph Andrew Gould, CAFNC '95, Afton, N.S., on June 18, 2004.

Martha Mills, BA'97, Canmore, Alta. on August 30, 2004.

Nadine Babineau, BSW'98, MSW'01, Moncton, N.B., on June 6, 2004.

H. Harrison McCain, LLD'01, Florenceville, N.B., on March 18, 2004.

Robert Wallace McRae, LLD'01, Toronto, Ont., on July 21, 2004.

Kyle Matthew McMullin, BA'03, Cape Breton, N.S., on May 7, 2004.


Colin Gash, BED'04, Dartmouth, N.S., on July 29, 2004.

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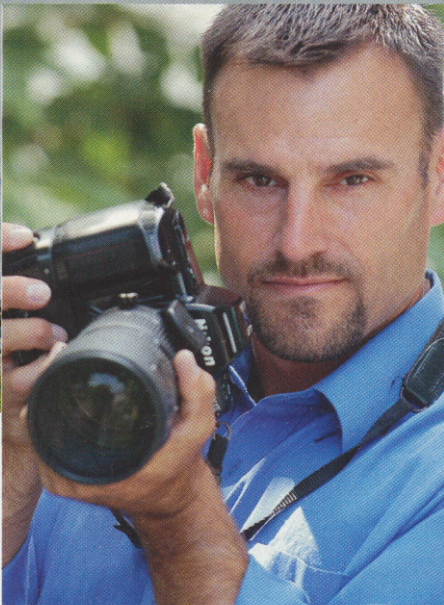
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Photos: Cousins

Name: Danny Abriel

Job: University photographer since 1989

Personal passion: Shotokan karate, training with the Halifax-Japan Karate Association (JKA)

Notable achievements: Third-degree black belt; attending the 2004 Nationals as a member of the N.S. provincial team, competing in Men's Team *Kata* and *Kumite*



I've always had a desire to create, whether it be writing or drawing or imagery or painting. I'm passionate about photography because it helps me achieve that creative process. • You can photograph fruit all day – it won't talk back to you, won't fuss about the picture – but I enjoy more the challenge of drawing somebody out of themselves. I am genuinely interested in talking with people to find their interest, their passion, then all of a sudden you get something a little more natural and capture something special. • Karate is one of those constants through my life that has impacted every sphere. Karate forces you to develop composure, and face things, to address them in a very physical way. But really it's all mental. Its all about spirit. • *Kata* is a practice form of karate, almost like practicing against imaginary opponents. It has its own grace, beauty and power and can be very meditative. • Halifax-JKA sensei Tony and Danny Tam draw highly motivated people of good character and develop that in them. Our style is very traditional, it emphasizes the spirit of karate – humility, self knowledge, courtesy, and respect. I try to apply those things in everything from my personal faith and relationships, to my work and how I relate to people.

Research: Jane Lombard

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