

# UNB

ALUMNI NEWS



## DAVID MACNAUGHTON MAKES DIPLOMATIC STRIDES IN THE US



Take advantage of your alumni privileges.

Get preferred rates and coverage that fits your needs.

You could **save big\*** when you combine your graduate preferred rates and bundle your home and car insurance.

Supporting you ...  
and the University of New Brunswick.

As a University of New Brunswick graduate, you have access to the TD Insurance Meloche Monnex program. This means you can get preferred insurance rates on a wide range of home and car coverage that can be customized for your needs.

For over 65 years, TD Insurance has been helping Canadians find quality home and car insurance solutions.

Feel confident your home and car coverage fits your needs. Get a quote now.

Recommended by



HOME | CAR | TRAVEL

Get a quote and see how much you could save!  
Call 1-888-589-5656  
Or, go to [tdinsurance.com/unbalumni](http://tdinsurance.com/unbalumni)



The TD Insurance Meloche Monnex program is underwritten by SECURITY NATIONAL INSURANCE COMPANY. It is distributed by Meloche Monnex Insurance and Financial Services, Inc. in Quebec, by Meloche Monnex Financial Services Inc. in Ontario, and by TD Insurance Direct Agency Inc. in the rest of Canada. Our address: 50 Place Cremazie, 12th Floor, Montreal, Quebec H2P 1B6. Due to provincial legislation, our car and recreational insurance program is not offered in British Columbia, Manitoba or Saskatchewan. \*Nationally, 90% of all of our clients who belong to a professional or alumni group that has an agreement with us and who insure a home (excluding rentals and condos) and a car on October 31, 2016, saved \$625 when compared to the premiums they would have paid without the preferred insurance rate for groups and the multi-product discount. Savings are not guaranteed and may vary based on the client's profile. Savings vary in each province and may be higher or lower than \$625. Wide Horizons Solution® Travel Insurance is underwritten by Royal & Sun Alliance Insurance Company of Canada and distributed in some provinces by RSA Travel Insurance Inc., operating as RSA Travel Insurance Agency in British Columbia. All trade marks are the property of their respective owners. ® The TD logo and other TD trade-marks are the property of The Toronto-Dominion Bank.

# UNB ALUMNI NEWS CONTENTS



**12**

## **3D PRINTING**

Marine additive manufacturing

**16**

## **ROB FOWLER**

That's just what you do

**32**

## **MARINE BIOLOGY**

Unlocking the mysteries  
of the Bay of Fundy

**20**

## **COVER STORY**

David MacNaughton shares his  
thoughts on diplomacy, free  
trade and higher education

**02** PRESIDENTS' LETTERS

**04** WHAT'S HAPPENING @ UNB

**24** ASSOCIATED ALUMNAE

**26** ASSOCIATED ALUMNI

**27** EVENTS & GATHERINGS

**35** ALUMNI STORIES

**38** STUDENT SUPPORT

**42** BOOKSHELF

**44** HITHER & YON

**49** IN MEMORIAM

**52** THROWBACK

READ ABOUT 3D PRINTING ON PAGE **12**

## UNB ALUMNI NEWS

ISSUE: Fall 2017

VOLUME: 26 No. 1

unb.ca/alumni

### PUBLISHER

Margaret Grant-McGivney, PEng  
(BScEng'88)  
UNB Associated Alumni  
alumni@unb.ca

### EDITOR

Natalie Montgomery (BBA'99)  
UNB Associated Alumni

### CONTRIBUTORS

Kelly Anderson (BA'95)  
Rob Blanchard (Class of '89)  
Suzanne Boudreau (BBA'95)  
Shonda Cotton  
Joy Cummings-Dickinson (BEd'99)  
Mary Duffley  
Cameron Fitch (BA'16)  
Colin Hodd  
Shannon Jensen (BA'99, MA'03)  
Jenna Kennedy (MBA'07, MASRA'07)  
Eric Marks (BA'92)  
Diane McAdam (BBA'89)  
Patty O'Brien  
Kelsey Pye  
Natasha Rego (BA'13)  
Kelly Stewart  
Leta Waugh (BA'11)  
Annette Wetmore

### GRAPHIC DESIGN

o2creative  
start@o2creative.ca

### COVER CREDIT

On the cover:  
David MacNaughton (BA'71)  
Photo by: Noah Willman  
noahwillman.com

### PRINTING

Advocate Printing

### ADVERTISING

Email: alumni@unb.ca  
Tel: 506.453.4847  
Fax: 506.453.4616  
Next Issue: Spring 2018

Subscription for non alumni: \$15  
Available online: unb.ca/alumni

*UNB Alumni News* is published by the UNB Associated Alumni and is distributed twice a year to alumni and friends of UNB.

Material may be printed in whole or in part with appropriate credit to *UNB Alumni News*, except where copyrighted by the author.

ISSN 1191-8276

Mailed under Canada Post Publications Mail Agreement No. 40063270.

Printed in Canada.



**T**he start of a new school year brings with it excitement and renewed aspirations for the future. Our students return to UNB, along with thousands of new faces who join us for the first time, in search of the knowledge and experience that will shape their futures. That same energy is felt by our faculty and staff.

We are about to release our first academic plan, the result of two years of engaged consultations across both our campuses. Academic planning at UNB will be an ongoing process, updated yearly, to inform decision making and direction setting. Together, we are building a shared vision for our university's future through strategic and transparent engagement.

With the academic plan at its core, UNB will set out to develop our next integrated strategic plan to guide our institution through the coming years. We will, as a community, identify the best opportunities in which to commit our resources so that UNB may thrive.

While we don't yet know what the strategic plan will include, we do know that the University of New Brunswick has been innovating since its inception in 1785. We have been contributing to the region's economic and social infrastructure for 232 years and, based on what our community has been telling us through academic planning and the strategic research plan, we expect this

theme to continue as we work toward a breakout strategy for New Brunswick.

Our university is well positioned to continue expanding our reach, enhancing student experience and attracting research revenue. UNB has a number of areas strong in research and partnership opportunities, which span many disciplines, from arts to engineering. Our trusted researchers and varied expertise sets us apart.

UNB's objective is to be proactive and responsive to the academic priorities of the university, while leveraging our unique position in New Brunswick and Atlantic Canada to offer transformative innovation and research-based solutions to the challenges faced by our region. This exemplifies who we are as an educational and research community, while honouring the history of our university and what we strive to secure as its future.

Through our commitment to, and history of, innovation and academic sustainability, I am confident UNB will continue to enact positive change in our province and our country.

Sincerely,

A handwritten signature in black ink that reads "Eddy". The signature is written in a cursive, flowing style.

**H.E.A. (Eddy) Campbell**  
UNB President & Vice-Chancellor





**A**s a long-time volunteer with UNB's Associated Alumni, I am truly honoured to be the association's new president and continue the great work of my predecessors.

UNB has been an important part of my life since the early 70s when my family moved to New Brunswick. My father was an accounting and finance professor at UNB, and now has the designation of professor emeritus. My sisters attended UNB as undergraduates and I pursued my master's degree in education. I carried the UNB legacy into the next generation with my daughter who is a two-time UNB graduate. You can say we are all very Proudly UNB!

The education and experiences that my family received at UNB have provided us with professional careers and lasting friendships. Giving back to this life-enriching institution is more than an obligation for me, it's a privilege. With this as my guidepost, I am honoured to be representing the more than 86,000 alumni who, like me, have memories that will forever connect them to their *alma mater*.

I want to extend a special thank you to past-president Brooke Yeates and the past executive of the Alumni Council for their hard work and dedication as alumni ambassadors. As I carry on their significant efforts, I would like to spend my term celebrating the outstanding accomplishments of our alumni and the contributions they've made locally and globally.

One of those alumni is David MacNaughton (BA'71), who occupies Canada's highest foreign office as ambassador to the United States. He is this issue's cover story.

Then there is Ishtar Al-Tahir (BScEng'17), who along with her teammates, received a social impact award for Project Qi, which is helping health care professionals to better take care of their patients. And Robert Fowler (BSc'91), who in 2014, took time off from his day job as a critical care doctor to volunteer with the World Health Organization in West Africa to care for patients during the country's Ebola outbreak. Robert recently received an international award for his work. As you'll read in the pages of this magazine, there is no shortage of stories about our alumni and students.

To my fellow alumni, I begin my term as president with one request for you: Stay connected. Let us know what you're up to and tell us about the contributions you or your fellow grads are making in your communities.

Or, you can join us for an upcoming alumni event in a city near you and encourage a young person to choose UNB. Our university has a significant impact on the social fabric and economy of New Brunswick, and building awareness of our contributions will increase the profile and attractiveness of Canada's oldest English-language university. Let's help more young people discover UNB and choose our *alma mater* as their place of study.

Sincerely,

**Jill Jollineau** (MEd'02)  
Associated Alumni President

# TRANSPORTATION SAFETY RESEARCH

EARNS UNB PROFESSOR  
NATIONAL AWARD





**E**ric Hildebrand (BScEng'85, MScEng'89), professor of civil engineering and the co-ordinator of UNB's Transportation Group, has been saluted nationally for his work in improving the safety of roads and highways.

Hildebrand is the recipient of the prestigious Sir Sandford Fleming Award from the Canadian Society for Civil Engineering for his work in improving transportation safety across the country.

Alongside Hildebrand, two of his colleagues, Peter Bischoff and Jeff Rankin (BScEng'91, MScEng'93), were also recognized for their work. Bischoff was named a fellow of the society and Rankin earned the James A. Vance Award, which is given to members who are dedicated to the advancement of the society.

“To have three of our own recognized nationally is a real badge of honour for our civil engineering department and a strong reflection of the calibre and strength of the engineering program at UNB,” says Chris Diduch (BScEng'79, MScEng'81, PhD'87), dean of engineering.

Hildebrand has been passionate about improving safety in transportation over his 30-year career at UNB, acting as an adviser and investigator to Transport Canada on collision investigations, as well as working closely with provincial governments and private contractors on highway design and safety.

“I don't want to do research that's highly theoretical and once you are done it sits on the shelf,” says Hildebrand. “I always try to have the objective of sharing the research with others and making a change in practice or policy.”

Much of his work has centred on the growing demographic of senior drivers. “Vehicle design and highway design have started to reflect the increased proportion of senior drivers,” he says. “Newer signs are brighter, the fonts are bigger, pavement marking materials are brighter and so on to accommodate older people that, for example, have cataracts in their eyes.”

The accolades come at a time when road safety issues are dominated by the aging driver demographic and the onset of self-driving vehicles. Hildebrand says autonomous vehicles present an opportunity for increased transportation safety.

“About 90 per cent of all collisions are at least partly the fault of the driver,” says Hildebrand. “If we turn this over to computers, then that's where we can make a huge difference in terms of safety.” 🍌

*“I always try to have the objective of sharing the research with others and making a change...”*

# FOR THE SAKE OF

# HONOR



1

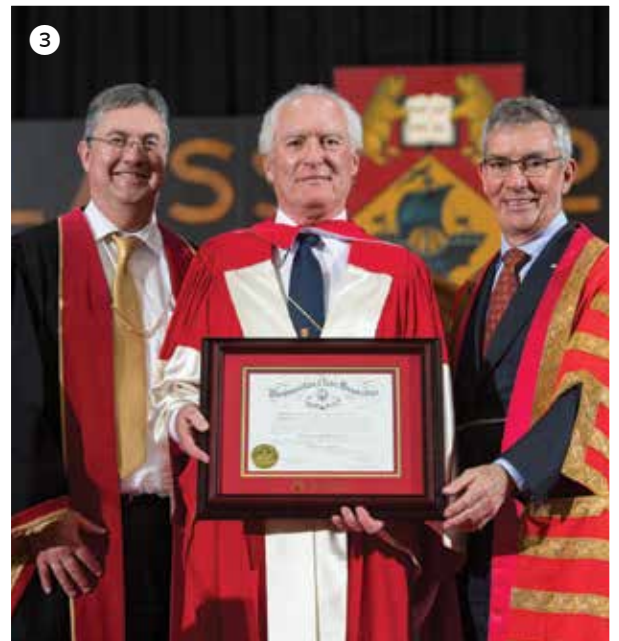


2

## SPRING HONORARY DEGREE RECIPIENTS

UNB awarded honorary degrees to four accomplished and distinguished Canadians during its spring Convocation and Encaenia ceremonies in May.

- 1 The Honourable Heidi Shyu (BSc'76), recipient of an honorary doctor of science degree, with her father and Professor Emeritus Larry Shyu.
- 2 Pamela Palmater (LLB'97), recipient of an honorary doctor of laws degree, with UNB's Elder-in-Residence Imelda Perley (BA'94, MEd'02).
- 3 William (Bill) Jones (BScEng'65), recipient of an honorary doctor of science degree, with President Eddy Campbell and Chancellor Allison McCain (BScEng'72, DSc'07).
- 4 Andrew Garrod, recipient of an honorary doctor of letters degree, with President Eddy Campbell, Chancellor Allison McCain, Vice-President Saint John Robert MacKinnon and New Brunswick Premier Brian Gallant.



3



# UNB

**F**amily, friends, members of the UNB community and special guests celebrated the 2017 honorary degree recipients at this spring and fall's graduation ceremonies.

## FALL HONORARY DEGREE RECIPIENTS

At this fall's Convocation ceremonies on Oct. 19 and 20, UNB awarded honorary degrees to two respected New Brunswick businesspeople. *(Official photos were not available at the time of the magazine's printing.)*

**5** Francis McGuire received an honorary doctor of letters degree at the Fredericton ceremony on Oct. 19. He is president (deputy minister) of the Atlantic Canada Opportunities Agency and is responsible for ACOA's operations as it works to create opportunities for economic growth in Atlantic Canada. Before that, from 2000 to 2015, he was president and CEO of Major Drilling Group International Inc. He also served as chair of UNB's Wallace McCain Institute for Business Leadership.

In 2012, McGuire was inducted into the New Brunswick Business Hall of Fame, and in 2013, Ernst & Young named him Atlantic Entrepreneur of the Year.



**6** Donald H. Lalonde received an honorary doctor of science degree at the Saint John ceremony on Oct. 20. Lalonde is a plastic and reconstructive surgeon in Saint John, NB, and is a fellow of the Royal College of Surgeons of Canada in plastic surgery. He is also a professor of surgery and an attending plastic surgeon at the Saint John Regional Hospital and St. Joseph's Hospital.

Lalonde has dedicated a significant amount of his time with volunteer surgical missions in over 20 countries, performing cleft lip repairs and hand reconstruction.

He is a 2017 recipient of the Canadian Medical Association's (CMA) F.N.G. Award, the highest award CMA bestows upon its members. 🌐



# Beyond *the* CLASSROOM

EXPERIENTIAL LEARNING AT UNB

In the summer of 2017, anthropology students from across Canada were at the Fortress of Louisbourg National Historic Site documenting, protecting and preserving the 18th-century burial grounds at Rochefort Point, NS - grounds threatened by coastal erosion.



*Field school students and staff, along with Parks Canada project staff, on site during the final day of excavation in August 2017.*



This unique bioarchaeology field program is a partnership between UNB and Parks Canada. Amy Scott, associate professor in UNB's department of anthropology and project director, says the program provided students with opportunities otherwise not possible.

“This exciting field program offered students a multi-component, hands on bioarchaeological field experience, including excavation methods and techniques, field data recording and ethical handling practices, while gaining unique experience not found anywhere else in Canada.”

The Fortress of Louisbourg bioarchaeology field program is only one of a myriad of experiential learning programs offered to students at UNB.

In 2016-17, UNB launched the Co-curricular Program with a focus on learning opportunities outside of the classroom - anything that extends students' academic learning and contributes to their overall life experiences.

Gillian McLean, Fredericton campus program co-ordinator, says the program allows students to demonstrate the skills they have acquired outside the classroom through various tasks and activities, completed at the rate they choose.

Activities include volunteer work, athletics, attending events, awards, community involvement and other leadership activities. The program is based around six learning themes: career development, global and cultural awareness, personal development, leadership and entrepreneurship, civic/social responsibility and Proudly UNB.

Business student Nick Bransfield was one of the first students to complete the co-curricular program.

“While completing the tasks within the program, you are opening doors to short- and longer-term opportunities, as well as establishing connections with community leaders, both on and off campus,” he says. 🌐

*“While completing the tasks within the program, you are opening doors to short- and longer-term opportunities, as well as establishing connections with community leaders, both on and off campus.”*

...

*Co-curricular program graduates  
Cory Quintal (BBA'17) and Nick Bransfield*





*“I'm being entrusted not just to bring the women's hockey tradition back to UNB, but add another element of elite hockey in New Brunswick.”*

W



## UNB NAMES VARSITY

# OMEN'S

## HOCKEY COACH

Sarah Hilworth joins the Varsity Reds after two seasons as head coach of the Broncos at Olds College in Alberta, where she built that women's hockey program up from its birth in 2015.

Hilworth was hired following an extensive search that attracted the interest of more than 40 candidates from across North America.

"This opportunity is a dream come true," says Hilworth. "I'm being entrusted not just to bring the women's hockey tradition back to UNB, but add another element of elite hockey in New Brunswick."

Prior to becoming the first women's hockey coach at Olds College, Hilworth served two seasons as an assistant coach with the University of Alberta Pandas, helping lead her *alma mater* to back-to-back first place finishes and the 2015 Canada West championship.

She played five seasons for the Pandas, capturing a national championship in 2010, captaining the team in her final season, and registering 100 points in 100 career games. She is a graduate of

the University of Alberta with a bachelor of arts in sport, recreation and tourism degree.

"Having Sarah on board is a real sign of our commitment to women's hockey," says John Richard, UNB's director of athletics. "We can now get started on building on that commitment and icing a team."

Hilworth says she is focused on a number of priorities in preparing for the launch of the first season.

"The next 10 months will be important in building the internal foundation of success for our program. It will be important to connect and develop relationships within the university to organize the framework for the program," she says. "We'll need to prepare and review budgets, generate some quick recruiting wins and then build recruiting and a strategic roadmap for the next three years. I'll have to develop alumni relations and purchase the necessities for year one, including equipment and jerseys."

The women's hockey team is set to hit the ice in the 2018-19 academic season. 

NEW 3D METAL PRINTING  
CENTRE OF EXCELLENCE TO  
REVOLUTIONIZE MARINE INDUSTRY



# *transforming* **MARINE** **MANUFACTURING**

Each day, tens of thousands of ships carry millions of tonnes of manufactured goods, produce and raw materials all over the world. It is estimated that more than 90 per cent of global trade is carried by sea. And that's not even beginning to count the ships that are used in the defence sector.

UNB is leading the way in developing a technology that is poised to revolutionize the marine industry worldwide. That technology is additive manufacturing, also known as 3D printing. Already in use in the aerospace and medical industries, this disruptive technology is turning traditional manufacturing on its head.

Rather than removing or reshaping existing material, additive manufacturing, as its name

indicates, operates through the successive addition of wafer-thin layers of material to create a variety of shapes and strengths that would be impossible with traditional methods. Parts no longer need to be carved, cut or welded together, but rather are created in one piece, with no weak joints that are susceptible to stress. And all of this is done with specialized computer software and printers that are far cleaner and greener than traditional manufacturing methods.

The recently launched Marine Additive Manufacturing Centre of Excellence (MAMCE), directed by Mohsen Mohammadi, assistant professor of mechanical engineering at UNB, will be the first in Canada to use 3D metal printing as a method for manufacturing certified parts for

the marine industry. This application of additive manufacturing technology will simplify supply chains, provide complicated parts in a fraction of the time it would usually take, and enable the fabrication of new components by Canadian manufacturers.

Crucial to the design of the centre is its collaborative, three-pronged approach of research and development, workforce training and commercialization. UNB will lead the research and development; the New Brunswick Community College, the Collège communautaire du Nouveau-Brunswick, and the Nova Scotia Community College will lead workforce development and training; and Custom Fabricators & Machinists will lead commercialization. »





*“This is the first centre of its kind in Canada and we are doing it right here in New Brunswick. Our technology is greener, more efficient and will create high value jobs here in Atlantic Canada.”*



» “We are pleased to be partnering with other experts within our region to maximize the potential benefit of this centre,” says David MaGee, UNB’s acting vice-president research. “When we share our strengths, we create success for all partners involved. Such collaborations are a key part of brightening the economic future of our entire region.”

David Saucy, vice-president of J.D. Irving, Limited’s construction and equipment division, agrees that this collaborative approach is the real key to the centre.

“Because we are constantly in touch with industry and are aware of its problems and needs, we can bring the real-life, day-to-day commercialization opportunities to the forefront at the same time as the research is going on, making both more successful.”

Other industry leaders with an active interest in marine and defence manufacturing and related industries are encouraged

to support the Marine Additive Manufacturing Centre of Excellence as industry funding partners. Investments in the centre will be eligible for the IRB/ITB offset credit and will provide access to the cutting edge research done by the centre.

Initial industry partners include Lockheed Martin and Irving Shipbuilding Inc.

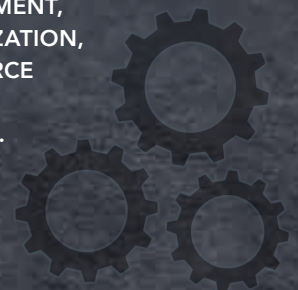
“We’re seeing more and more people show interest in coming to New Brunswick to be part of what we’re doing,” says Mohammadi. “This is the first centre of its kind in Canada and we are doing it right here in New Brunswick. Our technology is greener, more efficient and will create high value jobs here in Atlantic Canada. I’m so grateful to our many commercialization, industry and training partners who have supported our work so far and I look forward to welcoming new participants in the future.”

**MOHSEN MOHAMMADI** is a leader of several significant projects on metal additive manufacturing in the marine, defence and aerospace sectors. His research focuses on enhancing the mechanical, corrosion, impact and fatigue properties of additively manufactured metals, as well as 3D printed long fibre composites, metal matrix coatings, and ultra-light high strength metamaterials.

Prior to coming to UNB in 2015, Mohammadi was a research associate and postdoctoral fellow at the University of Waterloo in Ontario, an NSERC visiting research fellow at Canmet MATERIALS (Natural Resources Canada), and a PhD candidate at the University of Western Ontario.



UNB IS HOME TO CANADA'S FIRST 3D METAL PRINTING CENTRE OF EXCELLENCE DEDICATED TO RESEARCH AND DEVELOPMENT, COMMERCIALIZATION, AND WORKFORCE DEVELOPMENT AND TRAINING.





J.D. IRVING, LIMITED

# The Best of the Best? #OnlyHere

## SCHOLARSHIPS



**Desiree Pictou**, Business Administration, UNB  
Recipient of the \$32,000 JDI UNB Scholarship

## RESEARCH PARTNERSHIPS



**Jani Helminen**, PhD Student, UNB  
Part of the Collaboration for Atlantic Salmon Tomorrow

## JOBS



Over **650** UNB  
alumni on the team...  
and looking forward  
to welcoming more!

**WE'RE HIRING!**



[careers.jdirving.com](https://careers.jdirving.com)



*“I have learned how much you can get out of the opportunity to channel your own skills, whatever your work, in a way that helps those in the world who are most in need.”*



## ROB FOWLER ON HIS CONTRIBUTIONS DURING THE EBOLA OUTBREAK IN WEST AFRICA

# THAT'S JUST WHAT YOU DO

**R**ob Fowler (BSc'91) has received three prestigious awards in the past three years for his innovative and life-saving work in the face of the world's largest Ebola outbreak - his most recent being the Teasdale-Corti Humanitarian Award. When asked about his work, Fowler repeatedly insists that it was a team effort. "You just try every day to do the best you can," he says. "It's what anyone would do."

As a busy critical care physician, university professor, and director of clinical epidemiology and health care research at the University of Toronto's Della Lana School of Public Health at the University of Toronto, Fowler had taken a year's sabbatical in 2014 to work with the World Health Organization in Geneva when the Ebola outbreak was first confirmed. "There are very few active clinical people there, so when there is such a clear need for help with patient care, of course you'd choose to help out," he says matter-of-factly. »

» Fowler, who was well prepared for his mission to West Africa, obtained some of his clinical experience as a result of what he calls “bad luck.” Soon after completing his medical training at McGill University, the University of Toronto and Stanford University, he found himself working in the middle of the SARS outbreak in Toronto in 2003, followed by the 2009 H1N1 pandemic in North America and later, severe respiratory infection outbreaks in North Africa and the

Even with that preparation, the conditions Fowler experienced were the stuff most of us only see in movies. The hardest part, he says, was being away from his wife and son for long periods of time. Fowler, who didn't even originally set out to be a doctor, but was inspired by a few enthusiastic UNB faculty members, considers being a husband and father his “most valued role.” This down-to-earth guy from the Maritimes admits he would far rather have been

This significant difference in treatment paradigms is a major part of Fowler's ongoing research and teaching in the fields of epidemiology and critical care. He insists that medical care in resource-challenged areas needs to go beyond the fundamental public health care that receives most of the focus to include such things as short-term acute care. “We need to keep exploring other things that can be done,” he says. “Many of these



*Conakry Guinea treatment centre*



Middle East Fowler credits these experiences, as well as his previous travel in a variety of cultures and climates, with preparing him for what he faced in West Africa.

“It is so important to have a global outlook,” he says. “I've been lucky to have travelled, especially to resource-challenged areas. I have learned how much you can get out of the opportunity to channel your own skills - whatever your work - in a way that helps those in the world who are most in need.”

coaching hockey or playing sports with his son than working in Ebola treatment units, but he did the best he could in a bad situation because, “that's just what you do.”

As a result, history-making innovations occurred in the quality and type of medical care offered to Ebola patients, and the mortality rate was reduced from more than 80 per cent to less than 40 per cent in Africa and 20 per cent in Europe and North America, where there was greater access to intensive care facilities.

illnesses can run their course and patients can be treated and supported to recovery - they don't need to die.”

Fowler emphasizes that his work during the Ebola outbreak was just one of many situations where outcomes can be dramatically changed when people step up and do their part. “We all have ways we do this, and we can all do more,” he says. “Regardless of where you're from or what your profession is, the world is open to you to make a difference.” 🌟





# CURRIE SCHOLARS

**On** Oct. 19, UNB Chancellor Emeritus Richard J. Currie, O.C., O.N.B., was joined at the annual Currie Scholars dinner by current and former Currie Undergraduate Scholarship recipients, members of the selection committee and special guests.

**FRONT ROW:** Luke Walker ('15\*), Barry Riordon ('16), Beth Watt (BPE'93), Hannah Wood ('16), Morgan Meade ('17), Richard J. Currie (Class of '60, LLD'87), Miles Goff ('06) and Tyler Adams ('16).

**MIDDLE ROW:** Katie Wallace ('11), Emma Collings ('16), Brittany Landry ('16), Emma MacDonald ('14), Kate MacDonald ('13), Mansa Agbaku ('15) and Canon James Golding (Class of '66).

**BACK ROW:** Jordie Taylor ('12), Holly Sampson ('05), Brendan Wood ('04), Jonathan O'Kane ('06), Kaley Fitzpatrick ('14), Corinne Trottier ('15), Tayler Milbury ('17), Lauren Henderson ('08), Madelyn Doucette ('17), Colin Brown ('17), Jack Campbell ('14) and Nick McCullum ('14).

(\* scholarship year) 📧

## APPOINTMENTS

**T**his feature highlights key appointments, within the past year, of particular interest to alumni. It is not intended to be a complete list.

### ADMINISTRATION

**David MaGee**  
(BSc'82, PhD'87)  
acting vice-president research

**Jennifer Morrison**  
treasurer

**Kathy Wilson**  
(BN'87, PhD'08)  
associate vice-president academic  
(learning environment)

### DEANS

**Luigi Benedicenti**  
computer science

**John Kleefeld**  
law

**Ted Needham**  
forestry and environmental  
management (acting)

**Gary Saunders**  
science (acting)


**Patricia Seaman**  
(BN'91, PhD'09)  
nursing (acting)

**Michael Van Zyll De Jong**  
science, applied science  
and engineering


**Joanne Wright**  
(MA'94) arts

**Kathy Winslow**  
education (acting) 📧





*Canadian Ambassador  
and UNB alumnus shares  
his thoughts on diplomacy,  
free trade and the value  
of higher education*



# UNB in Washington

**A**rguably, 2017 has been a defining year in Canada-US relations. At the centre of today's great policy debates, from the renegotiation of the North American Free Trade Agreement (NAFTA) to the softwood lumber pact, has been Canada's ambassador to the United States David MacNaughton (BA'71).

Before he was appointed to the country's top diplomatic post in May 2016, MacNaughton was regarded as one of the kingmakers of Canadian politics, a reputation he earned as strategist for Ontario Premier Dalton McGuinty and Prime Minister Justin Trudeau. His trajectory into the political stratosphere began with a split-second decision he made as a student at UNB.

"There was a young woman in my political science class who I was interested in," he says. "So, I asked her what her plans were for the weekend and she said she was going to Halifax to a Liberal convention. I said, 'Funny, I'm going to the same thing!'"

While at the convention, MacNaughton made another bold move. "Neither of the two people who were running to be president [of the Atlantic Provinces Student Liberal Association] were very popular," he says. "So, late into the evening, I joined the race and ended up winning. It seemed like a good idea at the time and it turned out to have changed the path of my life."

MacNaughton describes the political atmosphere of UNB in the late 1960s as, "pretty intense. It wasn't Liberal, Conservative, NDP, it was all around student activism." He says that while some students travelled to Washington, DC, to protest the Vietnam War, one of his first political acts was to convince UNB's administration to de-list Fredericton landlords who were abusive or unfair to students.

MacNaughton's position as president of the Atlantic Provinces Student Liberal Association led him to a summer job working for [then-federal minister] Don Jamieson and an offer of full-time employment. >>



» “My father wanted me to go to business school, but the prospect of making \$10,000 a year as a political assistant was way too attractive for me to go back to university. So, I went to Ottawa and stayed.”

When his first child was born, MacNaughton decided he needed more control over his time, so he borrowed \$20,000 and started his own business. “It was me and half a secretary and things developed after that,” he says. “When I look back on it now, it was kind of a crazy idea, but it did work out.”

MacNaughton says his rise to Canadian ambassador last year was more by accident than by design.

“Sometimes I feel like the dog that is chasing the car and catches it and I say, ‘what do I do now?’ It’s obviously an enormous privilege and honour to represent your country, and to do it in this place, at this time is pretty special.”

MacNaughton turned to longtime friend - former Canadian ambassador to the US and former New Brunswick premier Frank McKenna (LLB’74, LLD’88) - for advice on how to approach his new role and he credits the education and experience he gained at UNB as good preparation for a life of public service.

“It was much smaller and a much more intimate experience than going to a big university,” he says, “You got to know the profs. I made some good friends and I travelled around the Maritimes, which for me was really good, because I got to see another part of the country.”

He says his favourite course was a graduate seminar in history. “There were six of us in the class and the professor said early on, ‘We’re going to have the seminar at the

Riverview Arms and everyone needs to come prepared, because if I find anyone who hasn’t done the reading we’re going back to the classroom.’ You’ve never seen such peer pressure. I learned a lot about creating positive incentives.”

That perspective on win-win negotiation has been an asset in his role as ambassador. Asked about two of the biggest files in his portfolio - the impasse over duties on Canadian softwood lumber and NAFTA negotiations - MacNaughton is cautiously optimistic.

“We’re getting close with softwood lumber,” he says. “But, we’re not there yet. US Secretary [Wilbur] Ross has really tried hard to work with us to get a deal but, unfortunately they have to get their industry to sign off on it, and that’s proving to be a bit difficult. But I’m optimistic. I’d like to get it done before we get to the crunch on NAFTA.”

On free trade, MacNaughton says that progress is being made. “What everybody’s agreed on is that we’re going to try to get this whole [NAFTA] thing done before the end of the year. I expect that there will be some drama before this is all over, but I do think at the end of the day, it’s going to work out.”

MacNaughton is bullish on the capacity of universities, such as UNB, to transform the economy on both sides of the border.

“I often use the phrase from that great philosopher Walter Gretzky, who said, ‘Skate to where the puck is going, not where it has been.’ We are going through the most rapid transformation since the industrial revolution, and the difference is it’s happening in a much more compact amount of time. So, we have to be thinking about where the economy is going, not where it’s been.”

When asked for his thoughts on New Brunswick’s role in the country’s overall prosperity, he says, “Technology and the internet are changing where people are looking at establishing businesses. This creates a huge amount of opportunity for places like New Brunswick,” pointing out that there is growing interest in this region among tech companies on the Eastern seaboard of the United States.

He points to UNB’s Canadian Institute of Cybersecurity as an example of how the university is driving entrepreneurship and economic development in the province of New Brunswick.

“Cybersecurity is becoming one of the big issues that is discussed, whether it be in terms of military threats, the [electrical] grid, or infrastructure. That’s what everybody’s talking about, and if you’d have asked somebody 15 years ago if Fredericton was going to be a leader [in cybersecurity], they’d have said ‘you’re crazy.’”

MacNaughton has another reason to be optimistic: he sees an important parallel between the current generation of university students and his own. Both want to make a difference in society.

“When I was at UNB, there was a lot of excitement around public policy. We’d come out of the 1960s, when people thought they could change the world. What I see happening now, with millennials, is a renewed interest in doing something to contribute to society, and I think that’s a really good thing. If everybody just says ‘well that’s somebody else’s job’ or you’re cynical about politics or government, then we’re not going to make it a better world.” 🗣️

“ We have to think about where the economy is going, not where it's been. ”

### UNB'S DIPLOMATIC CORPS

Many UNB graduates have put their education to use serving our country as Canadian high commissioners and ambassadors.

**Anna Lynn Blauveldt** (BA'74), former Canadian ambassador to the Republic of Iceland (2006 to 2009)

**Carla W. Rufelds** (BScF'83), high commissioner to Trinidad and Tobago

**Deborah A. Lyons** (BA'71, DLitt'15), Canadian ambassador to Israel and former ambassador to the Islamic Republic of Afghanistan (2013 to 2016)

**Frank J. McKenna** (LLB'74, LLD'88), former Canadian ambassador to the United States (2005 to 2006)

**Fredrik S. Eaton** (BA'62, LLD'83), former Canadian high commissioner to the United Kingdom (1991 to 1994)

**The late Richard V. Gorham** (BA'50, LLD'88), Canadian ambassador to the Peoples Republic of China (1984 to 1991)

# Robyn Tingley

## PAYING IT FORWARD

**If** there is anything Robyn Tingley has learned during her highly successful career, it's the power of mentorship.

Her own career began at NBTel, where at the age of 27, she became the company's youngest vice-president. "The company had a philosophy of investing in the next generation of leaders," says the Campbellton, NB, native, "and they just poured into us."

Tingley has lived and worked around the world as a corporate executive for Fortune 100 companies, with responsibilities spanning four continents and has received international recognition for her leadership abilities.

"Things are different for the next generation though," she says. "Millennials, those born between 1980 and 1995, are facing a very

different economic and employment situation. In many cases, training budgets have been cut, managers are time pressed more than ever, and virtual work environments are on the rise, which means new hires don't always have access to role models and mentors."

To address this need, Tingley created GlassSKY, a social enterprise that focusses on supporting next generation leaders, specifically women and millennials - the two fastest-growing demographics in the workplace. Through GlassSKY, Tingley provides training on how to perform in the workplace and make a stronger contribution, sharing what she has learned about achieving personal and professional success. Profits from this venture support non-profits and micro loans for female entrepreneurs in underdeveloped



countries, as well as scholarships and mentorship opportunities for women and young leaders.

In addition, Tingley has researched and authored a book, *10 Essentials for the Motivated Millennial: A Guide to High Performance for New Grads and Career Starters*, which was released in August.

“By 2030, 75 per cent of the workforce will be millennials,” says Tingley.

“These are the future leaders of the world, and we have to ask ourselves: ‘Are we paying it forward enough? Are we supporting them enough?’”

In June 2014, after the birth of their twin daughters, Tingley and her husband left their jobs in California and moved back home to New Brunswick, investing their talents in building a better province for their daughters' generation.

*“Millennials... are facing a very different economic and employment situation. In many cases training budgets have been cut, managers are time pressed more than ever, and virtual work environments are on the rise, which means new hires don't always have access to role models and mentors.”*

“We see so much opportunity here,” says Tingley, “and through our travels we've seen that New Brunswickers have just as much to offer as anyone. Sometimes we just need a little encouragement to think bigger, be bolder, and punch above our weight.”

*Robyn Tingley was the guest speaker at the Associated Alumnae's annual general meeting in June. ☺*

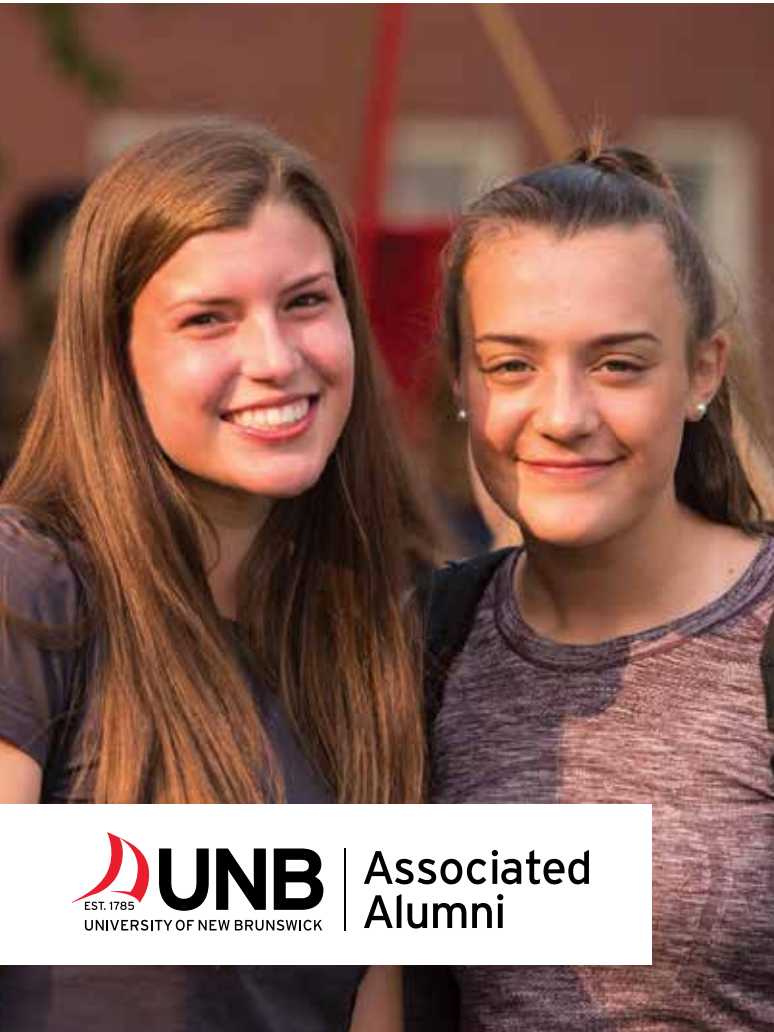
# ASSOCIATED ALUMNI COUNCIL



## WELCOME NEW COUNCIL MEMBERS

**1 Nathan Munroe** (*BBA'12, MBA'14*) *Saint John, NB*  
Nathan is the Caribbean territory manager for Bumble Bee Seafoods International and coach of the UNB Saint John Seawolves men's volleyball team. He graduated from both UNB campuses and was a dual sport athlete, playing soccer and volleyball, and represented UNB at three national championships. Attending UNB granted him opportunities that he would never have had elsewhere, including the Student Investment Fund, IBEC and TME course offerings.

**2 Dean Culligan** (*BCS'99*) *Fredericton, NB, treasurer*  
Dean is chief financial officer of the Kennedy Auto Group. He is also a part-time instructor in business administration and technology management and entrepreneurship at UNB. His time at UNB was formative and he looks forward to this opportunity to engage with the alumni community.



## WHAT'S YOUR LEGACY?

- We want future generations to have the opportunity to benefit from the UNB experience, just like you did.
- Help us to endow a scholarship that will support future leaders and alumni ambassadors.
- The Associated Alumni Legacy Scholarship will be awarded based on:
  - completion of at least the minimum requirements for the second year of their first undergraduate degree program;
  - academic achievement and university involvement;
  - submission of an essay focused on pride for UNB; and
  - letter of recommendation from a UNB alumna/us.

2018

ALUMNI

SAVE THE DATE

# CONNECTIONS EVENT SCHEDULE

## WELCOME BACK RETURNING MEMBERS

**Jill Jollineau** (MEd'02),  
Saint John, NB, president

**Peter Syroid** (BScME'98,  
D-TME'98, MBA'03),  
Fredericton, NB,  
vice-president

**Karen Taylor** (BA'72,  
MPA'88), Woodstock, NB,  
secretary

**Brooke Yeates** (BA'95),  
Sudbury, ON,  
past-president

**Rory Barnable** (LLB'01),  
Toronto, ON

**Travis Bergin** (BScEng'02,  
D-TME'02, MScEng'04),  
Fredericton, NB

**Marc Bedard** (BBA'74),  
Upper Cape, NB

**Quinn DeLong** (BA'05),  
Fredericton, NB

**Jill Jeffrey** (BPE'82,  
BEd'83), Bedford, NS

**Weldon LeBlanc** (BBA'86),  
West Kelowna, NB

**Gary Leslie** (BBA'85,  
BPE'88), Saint John, NB


**Norah Mallory** (BA'69),  
Fredericton, NB

**Shelley Pelkey** (BBA'88),  
Ottawa, ON

**Penny Reid** (BBA'91),  
Oakville, ON

**Kyle Rogers** (BA'19),  
Saint John, NB

**Robert Sharpe**  
(BScEng'95, MScEng'02),  
Fredericton, NB

**Brian Tozer** (BMLS'19),  
Fredericton, NB 

*If you would like to receive emails about UNB alumni events in your area, visit [unb.ca/alumni/connect](http://unb.ca/alumni/connect) to update your contact information.*

### TORONTO, ON, DEC. 4

#### Eaton Lecture

The 2017 Eaton Lecture is taking place at 6:30 p.m. at the Faculty Club, University of Toronto. For more information visit, [unb.ca/eatonlecture](http://unb.ca/eatonlecture)

### FREDERICTON, NB, FEB. 9

#### Alumni and Friends Cocktail Reception

The Associated Alumni invites you to a reception at the newly renovated Beaverbrook Art Gallery. Connect with fellow alumni and friends, while enjoying the current exhibition, delicious food and libations. Registration for this event will open soon.

### FLORIDA, FEB. 14 TO 16

#### Alumni and Friends Cocktail Receptions

UNB is planning on returning to Florida in the new year. Snowbirds please ensure that we know you are in Florida so we can let you know when the details are confirmed.

### FREDERICTON, NB, APRIL 6

#### Proudly UNB Awards Dinner

The Proudly UNB Awards dinner honours our distinguished alumni. This year's dinner will be held at the Student Union Building, UNB Fredericton.

### HALIFAX, NS, APRIL 28

#### Alumni and Friends Halifax ComedyFest

Well of course we are coming back! A great night with fellow alumni and a belly full of laughs just can't be missed.

### SW ONTARIO, MAY 4

#### Alumni and Friends

#### Maritime Mingler Lobster Dinner

The SW Ontario alumni group would like to invite you to join us for a lobster dinner on Friday, May 4. While the details are not yet confirmed, be sure to save the date as last year's event was a great success with amazing lobster! An alternative to seafood will be offered.

### EDMONTON, AB, MAY 29

#### Annual Alumni and Friends Cocktail Reception

The Associated Alumni is excited to visit our Edmonton alumni in 2018! We hope you'll be able to join us for a cocktail reception. You'll have the opportunity to connect with fellow alumni and to learn about what's new and exciting at UNB. Spread the word.

### VANCOUVER, BC, MAY 30

#### Annual Alumni and Friends Gathering

Join the Associated Alumni for a cocktail reception. We enjoy meeting with our alumni each year and letting you know about the exciting things happening at UNB. Keep an eye out for your email invitation.

### CALGARY, AB, JUNE 1

#### Annual Alumni and Friends Maritime Surf 'n' Turf

Join your Calgary alumni chapter for a fun filled evening, enjoying the company of UNB friends and delicious food, in a warm and inviting Maritime atmosphere. Spread the word. 




# ALUMNI GATHERINGS

A SAMPLE OF PHOTOS FROM OUR EVENTS OVER SPRING AND SUMMER 2017. FOR MORE VISIT [UNB.CA/ALUMNI](http://UNB.CA/ALUMNI)

- 1 Atlantic University Alumni  
Pub Night, Ottawa
- 2 Alumni Reception, SW Ontario

- 3 Alumni Reception, Vancouver
- 4 UNB-Humber Nursing  
Champagne Toast, Toronto

- 5 Law Reception, St. John's
- 6 U35 PD Session, Saint John
- 7 ComedyFest, Halifax 







2



3



4



5



6



7



1



# HOMECOMING



2

RECONNECT.  
RENEW.  
CELEBRATE.



3



4



5





6

**H**omecoming weekend took place Sept. 28 to Oct. 1. Many alumni came back to the Fredericton campus to reconnect with friends, renew bonds and celebrate the impact UNB has had on their lives.



7

**1** The Class of '67 celebrated its 50th reunion with a tree planting at Government House.

**6** The ever-popular Homecoming football game always brings a great crowd.

**2** Samuel Hinds (BScEng'67), former prime minister and president of Guyana, attended his 50th class reunion with his family.

**7** Ann (Armstrong) McLean (BPE'67) and Marlene (Masson) Dalley (BPE'67) attended the Golden Grad Breakfast with fellow Class of '67 graduates. *(In the spring issue of Alumni News, we mistakenly included Marlene in the In Memoriam section. As you can see, Marlene is alive and well, and enjoying her 50th class reunion. We sincerely apologise for this error, Marlene.)*

**3** Kevin Ferguson (BBA'92, BA'93), Bev (Dunfield) Gaudet (BN'96) and Ryan Jacobson (BA'94) reminisced about their *alma mater* at The Tasting.

**4** Nancy McFadyen (BA'67) celebrated her 50th class reunion in true UNB style.

**8** Marnie and Norm Crutchfield (BScEng'62) joined hundreds of alumni and friends of UNB at Homecoming's signature event, the Lobster Boil.

**5** At Family FunFest, kids and parents navigated their way through an outdoor maze using a coding system as their tool.

**9** The Electrical Engineering Class of '62 held a get together to celebrate 55 years since graduation. 🍷



8



9

# Marine Biology

## AT UNB SAINT JOHN

UNLOCKING  
THE MYSTERIES  
OF THE BAY  
OF FUNDY

**M**arine biologists at UNB's Saint John campus have the privilege of working next to a wholly unique marine ecosystem, driven by the highest tides in the world: the Bay of Fundy. Making full use of this opportunity requires an open mind and an eye for the unexpected.

For Thierry Chopin, professor of marine biology and scientific director of the Canadian Integrated Multi-Trophic Aquaculture Network, the tidal basin could hold the cure for Parkinson's disease.

He, and fellow marine biologists, have published a study that connects two seemingly unrelated phenomena: Parkinson's disease in humans and the adaptations of seaweeds to the extremes they face in the Bay of Fundy.

Since Parkinson's disease is linked to the misfolding of the protein alpha-synuclein, Chopin and the interdisciplinary team began to think of organisms that might have to face similar protein folding challenges.

"We started thinking along the following lines: the North Atlantic Ocean is a largely unexplored

resource in terms of organisms that have adapted to life in cold and variable environments," he says. "These seaweeds have to survive at low tide in minus 25-degree weather in the winter and in plus 25-degree weather in the summer. These are situations known to challenge protein folding. Therefore, they should be ideal for the discovery of molecules that prevent toxic protein misfolding."

Eventually, that led the group to *Alaria esculenta*, or winged kelp, a cold temperate North Atlantic species that can be found in the Bay of Fundy. It is a brown seaweed, though less abundant than other kelps. However, Chopin's lab at UNB Saint John has been cultivating kelps since the year 2000. The researchers found that an extract from *Alaria esculenta* can prevent this misfolding, and therefore, could be useful in avoiding the onset of the disease or delay its progress.

Chopin sees tremendous potential in the Bay of Fundy and believes that New Brunswick has not been taking full advantage of the resource on its doorstep.

"We have the right species of seaweeds and the right conditions to cultivate them," he says. "However, we need the aquaculture industry to diversify beyond fish and we need the appropriate regulations to allow this diversification. Worldwide seaweed production is 27.3 million metric tonnes, worth \$5.6 billion US. Hopefully, as people in the western world realize more and more the benefits of seaweeds for them and the environment, we will see the emergence of this sector right here."

For Jeff Clements (PhD'16), the Bay of Fundy is a living laboratory for studying the effects of ocean acidification on the behaviours of soft shell clams.

While pursuing his PhD at UNB Saint John, Clements studied how acidic conditions in intertidal marine sediments could impact the digging behaviour and persistence of baby soft shell clams in mudflats of the Bay of Fundy.

His research and his grant application attracted the European Union, and Clements was selected to receive the Marie Skłodowska-Curie Individual Fellowship. The \$275,000 fellowship allows



*For Thierry Chopin, professor of marine biology and scientific director of the Canadian Integrated Multi-Trophic Aquaculture Network, the tidal basin could hold the cure for Parkinson's disease.*

researchers to study in the EU and EU-associated countries, and supports “the best, most promising individual researchers from anywhere in the world.”

“It’s surprising and quite overwhelming,” says Clements. “I never really expected to receive such a prestigious award from an overseas organization.”

Clements will spend two years in Norway, beginning in April 2018. He will continue his research at the Norwegian Institute of Science and Technology and the University

of Gothenburg in Sweden. The award will support Clements’s research on the effects of ocean acidification and warming on the social behaviour of marine animals. »







*For Jeff Clements (PhD'16), the Bay of Fundy is a living laboratory for studying the effects of ocean acidification on the behaviours of soft shell clams.*

» “Animal behaviour is an important aspect of ecology because the ways in which animals interact with one another can determine how entire biological communities and ecosystems function,” says Clements. “The research that this grant will allow me to conduct will help us understand how these biological interactions might be changed under future ocean conditions and

will shed light on how ecosystems might function as a result.” Clements gives credit to UNB and to the marine biology program for the research success he has achieved to date. “The emphasis that UNB places on research really allowed me to shine as a PhD student and has provided me with the skills and competence necessary to excel as a world-class researcher.”

Chopin and Clements collaborated to write a paper on ocean acidification and marine aquaculture in North America.

“Seaweeds could play a role in decreasing coastal acidification by sequestering carbon dioxide and photosynthesizing”, says Chopin. “Interdisciplinary research is key, as novel solutions often emerge at the interfaces between disciplines. The efficient and competent managers and decision makers of tomorrow will be the ones mastering working at these interfaces and I am glad that UNB is contributing to such training.”

## HELPING TO GROW THE MEDICAL TECHNOLOGY INDUSTRY IN NEW BRUNSWICK



- Project Qi is made up of Ishtar Al-Tahir, Chien Dat Nguyen Dinh (BScEng'17), Nicolas Pelletier (BScEng'17), and Shawn Randall (BScEng'17).

Ishtar Al-Tahir (BScEng'17) always loved middle and high school physics classes in Trinidad and Tobago, where she grew up, and then at Fredericton High School during her last year when she moved to New Brunswick with her family. So, when it was time to go to university, she naturally enrolled in science at UNB. It wasn't long into her first year however, that she realized she was more interested in the application of science, so in her second year, she enrolled in electrical engineering.

As part of her senior year design course, Al-Tahir and three of her classmates teamed up to develop Project Qi, a real-time mapping and monitoring system that notifies health care specialists when a pressure ulcer may develop. The team talked with occupational therapists to learn what challenges they and their patients faced.

“We were told that patients who were bedridden due to stroke, surgery or chronic illness have a high likelihood of developing painful pressure ulcers, or bedsores, which get infected and are tricky and costly to heal,” says Al-Tahir.

Armed with this knowledge, Al-Tahir and the team began developing a solution, which, after many iterations and feedback from the medical community, became Project Qi. It consists of a smart mat for the patient's bed that measures pressure buildup over time. The information is then translated by software, which provides a visual graphic interface and auditory alarm system that prevents pressure ulcers. The technology provides a risk analysis for both the patient and their caregiver - whether health professionals or family members - and is poised to be a welcome aide in health care and quality of life.

The Project Qi team was successful in two pitch competitions, won a Social Impact Award, and

secured grant funding from UNB's Technology Commercialization Program to further develop the technology. Since graduating last May, Al-Tahir and the Project Qi team have been working on upgrading the hardware and software prototypes.

Al-Tahir is currently enrolled in the master of electrical engineering program, focussing on biomedical engineering, and will continue to build on Project Qi throughout her graduate studies.

“UNB's biomedical engineering program is known for providing hands-on training so students can live what they study,” says Al-Tahir. “This is a field that I really hope I can be a part of, helping to build an even bigger New Brunswick.”

If Al-Tahir tackles her graduate program with the same dedication and energy she expended during her undergraduate years at UNB, there's no doubt she'll succeed.

Outside of academia, Al-Tahir immerses herself in university life and community outreach. As an undergraduate, she was treasurer and secretary of UNB's International Student Association and volunteered with the Multicultural Association of Fredericton. She also tutored students at Frontier College, a national literacy organization, and was a physics mentor in the Peer Assisted Learning program for first-year science students. In 2016, Al-Tahir and fellow students, Anshuman Sarawagi (MScEng'16) and Jillian Lamb, received the UNB Unsung Hero Award.

When asked why she does so much within the community, she humbly smiles and says, “Why learn knowledge if you can't share it? Giving to others gives my life purpose.”



# Young Scientists WIN INTERNATIONAL AWARD



*Chris Watson  
(MSc'11, PhD'16)*



*David Themens  
(BSc'11, PhD candidate)*

*The Young Scientist Awards recognize an international group of individuals who have made innovative contributions and discoveries in multidisciplinary research related to electromagnetic fields and waves.*



**C**hris Watson (BSc'09, MSc'11, PhD'16) and David Themens (BSc'11, PhD candidate) are this year's winners of the Union of Radio Science Young Scientist Award for their research on the upper atmosphere in the Arctic. This is Watson's first win, and the second for Themens, who won in 2014.

The Young Scientist Awards recognize an international group of individuals who have made innovative contributions and discoveries in multidisciplinary research related to electromagnetic fields and waves.

Both researchers have focused their work on the atmosphere and ionosphere of the Canadian Arctic and the effects of solar storms on satellite and radio communications in that region. While they work in similar fields, the awards recognize their achievements individually.

Watson, who works in Boulder, Col., at the University Corporation for Atmospheric Research, was recognized for his work with the GPS Attitude, Positioning and Profiling experiment occultation receiver, also called the GAP instrument, one of eight tools on board the Canadian Space Agency's CASSIOPE satellite.

The GAP instrument is designed for observations in the Arctic region and allows researchers to study the effects of space weather on the ionosphere.

"Previously, observational capabilities in the Arctic were limited, but through new

scientific instruments, we're able to collect more data and make new and unique observations in this region," says Watson.

Themens has been working to develop a new model of the ionosphere. The ionosphere can be used like a mirror to bounce high-frequency signals around the globe, allowing for long-range communications, but it can also slow signals and lead to errors in navigation systems, such as the Global Positioning System.

"In order to correct for these errors, accurate models of the ionosphere are necessary," says Themens. "I've developed a model of the ionosphere called the Empirical Canadian High Arctic Ionospheric Model. This model is capable of representing one of the most complex and dynamic regions of the upper atmosphere, even during strong geomagnetic storms."

Themens and Watson attended the International Union of Radio Science General Assembly and Scientific Symposium in Montreal in August to present their research.

Both of them credit their success to their time at UNB, access to undergrad research opportunities and studying under P.T. Jayachandran.

"Dr. Jayachandran gave me the opportunity to install scientific instruments in the Arctic region," says Watson. "He helped me secure funding to attend international conferences and present my research. Those experiences are why I've continued on." 🌱

# SCHOLARSHIPS, AWARDS AND BURSARIES

## **NORMA WAUGH BURSARY**

**Field:** Nursing

**Value:** Min. \$500 • **Number:** 1

**Duration:** 1 year (may be renewed)

**Donor:** Family and friends of Norma Waugh (VPH School of Nursing, 1968), in honour of her long career as a dedicated and compassionate nurse, and the New Brunswick University Opportunities Fund.

*Awarded on the basis of financial need to a student in good academic standing in the bachelor of nursing regular program or the advanced standing program. The recipient must be a New Brunswick resident, according to the Provincial Government's Student Financial Services guidelines. Preference will be given to mature students.*

## **THIERRY CHOPIN PRIZE FOR GRADUATE STUDENTS IN COASTAL BIOLOGY**

**Field:** Coastal Biology

**Value:** Variable • **Number:** 1 • **Duration:** 1 year

**Donor:** Dr. Thierry Chopin and a donation by FMC Corporation and The New England Aquarium for Dr. Chopin's involvement in the development of FMC Better Management Practices for Seaweed Production. *Awarded annually, based on recommendations by the department of biological sciences on the Saint John campus, to a promising graduate student, supervised by a faculty member of the department of biological sciences, in the areas of, in decreasing priority order, phycology, marine or freshwater integrated multi-trophic aquaculture, and marine biology in general.*

## **DR. ELIZABETH SASS MEMORIAL PRIZE IN HISTORY & POLITICS**

**Field:** Political Science

**Value:** \$400 • **Number:** 1 • **Duration:** 1 year

**Donor:** The estate of Dr. Elizabeth Sass, professor of political science at UNB Saint John from 1972 to 1976. *Awarded annually on the recommendation of the department of history and politics, to a graduating student in the faculty of arts on the Saint John campus who is majoring in political science, with the highest standing in political science courses. Preference will be given to a female student.*

## **LARRY & DONNA HACHEY BURSARY**

**Field:** Unrestricted

**Value:** \$2,000 • **Number:** 1 • **Duration:** 1 year

**Donor:** Larry (BBA'87) and Donna Hachey and the New Brunswick University Opportunities Fund.

*Awarded on the basis of financial need to a full-time student enrolled in an undergraduate degree program. The recipient must demonstrate successful academic performance and be a New Brunswick resident, according to the Provincial Government's Student Financial Services Guidelines. Preference will be given to students who have participated in the Promise Partnership.*

## **DR. GUSTAVUS HUIGE PRIZE**

**Field:** Mathematics and Statistics

**Value:** \$400 • **Number:** 1 • **Duration:** 1 year

**Donor:** The prize has been funded by Dr. Paul C.S. Lin, in honour of Dr. Gustavus Huige, associate professor of mathematics at the UNB Saint John campus from 1971 to 1999.

*Awarded annually, on the recommendation of the department of mathematics and statistics, to a student on the Saint John campus who has demonstrated excellence in mathematics and has completed at least nine credit hours of upper-level mathematics courses. Preference will be given to a student who has completed Math 3093.*

## **KAY & JOHN RICHARDSON MEMORIAL SCHOLARSHIP**

**Field:** Engineering

**Value:** \$8,000 • **Number:** 3 • **Duration:** 4 years

**Donor:** The estates of John (BScEng'41) and Kay Richardson

*Awarded to a student beginning the bachelor of science in engineering program directly upon graduation from high school. Selection is based on academic achievement. Consideration may be given to financial need and/or extracurricular activities.*

## **DAVID AND MAISIE ROSS MEMORIAL SCHOLARSHIP**

**Field:** Unrestricted

**Value:** \$1,000 • **Number:** 1 • **Duration:** 1 year

**Donor:** Dr. Eric Ross Foundation

*Awarded to a student who is entering the third or fourth year of an undergraduate degree. Selection will be based on academic achievement and financial need.*

### PROF. REINHOLD AND MARIA KAISER MEMORIAL PRIZE IN PHYSICS

**Field:** Physics

**Value:** \$1,000 • **Number:** 1 • **Duration:** 1 year

*Awarded to a UNB student who has completed at least one year in a full-time graduate program (MSc or PhD) in physics. Selection will be made by the director of Graduate Studies for the department of physics, in consultation with the faculty of that department. The prize will be awarded based mainly on achievement in thesis research, but with consideration of performance in graduate-level classes. This prize is to be in addition to the awardee's GTA, scholarship(s) and/or stipend.*

### GEORGE AND LINDA VLASAK SCHOLARSHIP

**Field:** Unrestricted

**Value:** \$1,000 • **Number:** 1 • **Duration:** 1 year

**Donor:** Dr. Eric Ross Foundation

*Awarded to a student who is entering the third or fourth year of an undergraduate degree program. Selection will be based on academic achievement and financial need.*

### GARY F. MITTON SCHOLARSHIP IN CIVIL ENGINEERING

**Field:** Civil Engineering

**Value:** \$10,000 • **Number:** 1 or more • **Duration:** 1 year

**Donor:** Gary F. Mitton (BScEng'74) and the New Brunswick University Opportunities Fund

*Awarded to a student who has completed at least the minimum requirements for the first year of the bachelor of science in engineering (civil) degree program. The recipient must be a New Brunswick resident, according to the Provincial Government's Student Financial Services guidelines. Selection is based on academic achievement and financial need. Preference will be given to a graduate of Moncton High School.*

### DOXBOW SCHOLARSHIP

**Field:** Arts

**Value:** \$1,500 • **Number:** 1 • **Duration:** 1 year

**Donor:** Doxbow Inc. and the New Brunswick University Opportunities Fund

*Awarded to a student who has graduated from Tobique Valley High School and is enrolled in an undergraduate degree program in the faculty of arts. Selection is based on academic achievement and financial need. The recipient must be a New Brunswick resident, according to the Provincial Government's Student Financial Services Guidelines.*

### CHRISTY SHAW SCHOLARSHIP

**Field:** Law

**Value:** \$1,000 • **Number:** 1 • **Duration:** 1 year

**Donor:** Charles (LLB'73) and Susan Ferris, Katherine LeFeuvre (LLB'97) and Jeffrey Shaw Commemorating the life of Christy Gayle Shaw (LLB'97) of Harvey Station.

*Awarded to a student entering the second or third year of the JD program, with a good academic record and a demonstrated interest in human rights in the local, national or international context.*

### ELEANOR PARKE BURSARY

**Field:** Unrestricted

**Value:** Variable • **Number:** 1 • **Duration:** 1 year

**Donor:** Eleanor Parke (BA'79)

*Awarded on the basis of financial need to a mature student entering an undergraduate degree program on the Saint John campus. The recipient must demonstrate successful academic performance.*

### CANADIAN SPORT CENTRE ATLANTIC GRADUATE SCHOLARSHIP

**Field:** Kinesiology

**Value:** \$5,000 • **Number:** 1 • **Duration:** 1 year

**Donor:** Canadian Sport Centre Atlantic

*Awarded annually in the fall, based on a recommendation by the faculty of kinesiology, to a graduate student in the faculty of kinesiology pursuing research in one of the following categories: improving athlete performance or training; understanding the determinants of performance; or enhancing best practice in coaching, sport science or sport medicine.*

### ISABELLE WILCOX MAUSSER & WILLIAM JOHN MAUSSER SCHOLARSHIP

**Field:** Science

**Value:** \$5,000 • **Number:** 1 • **Duration:** 1 year

**Donor:** Isabelle Wilcox Mausser and William John Mausser, in memory of Hiram and Nellie Wilcox.

*Awarded to a New Brunswick student beginning the bachelor of science degree program on the Fredericton campus. The recipient must be from Charlotte County. Selection will be based on academic achievement and financial need. 🍷*





# GIVING STUDENTS A HEAD START

COUPLE CREATES FULL TUITION RENEWABLE BURSARY FOR UNB SAINT JOHN

Samuel Johnson wrote, “Where there is no hope, there can be no endeavour.” It’s a maxim that D. Charles Bird, C.Dir. (BA’65) and his wife, Carol, had in mind when they decided to create a full-tuition renewable bursary at UNB.

The Birds grew up in Saint John, NB, where they attended Saint John High School. Although they now live in Ontario, they spend part of each year in New Brunswick and they can see UNB Saint John from their summer home in Millidgeville. When they decided to create a bursary, it seemed natural to designate their award for students from Saint John High School who would be attending UNB Saint John.

“Some of the best times in my life were at Saint John High,” says Charles Bird. “We enjoyed our time at UNB, too. With this bursary, we can give students some financial stability while also helping the high school and university.”

In accordance with their wishes, the D. Charles Bird Bursary is awarded to students in financial need who show good all-round academic ability and strong community involvement. Recipients are recommended by the staff of Saint John High School.

Bird came to UNB in 1960 and lived in Aitken House. “There was no Saint John campus then, and we didn’t receive any scholarships,” he recalls. “Our scholarship program was a woman at the local bank branch. Each year, we’d go to see her, and she would loan us \$1,000, and we’d pay it back by the end of summer.”

It was an investment in their future that the Birds never forgot.


The Birds founded their business, Bird Packaging, more than three decades ago in Guelph, ON, and grew it into the most successful independent corrugated packaging producer in Canada. Bird Packaging recently was acquired by Cascades, one of its chief competitors. Bird

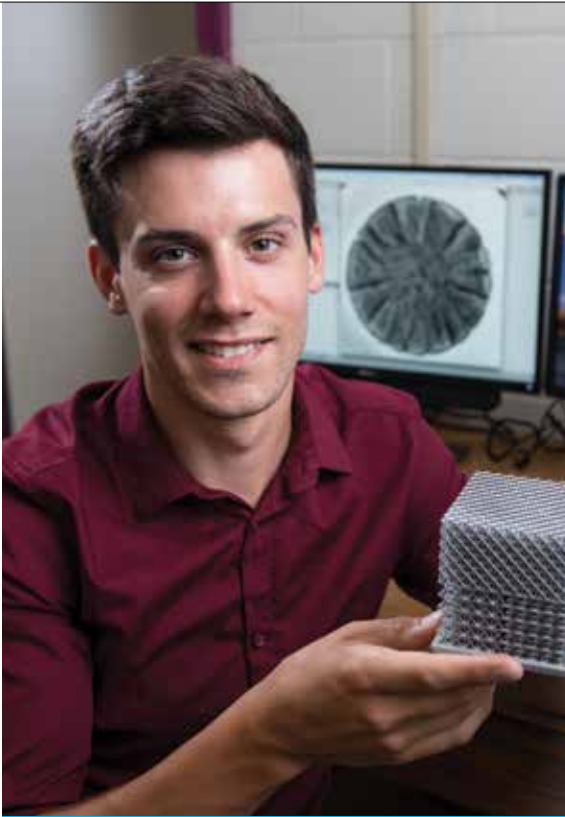
sees that as a tribute to the success of their business model, which was based on people skills.

Through their bursary, they’d like to give young people with leadership potential the opportunity to get a good start in life.

“When you give money to bursaries, you can see the successes in the graduation rate,” says Bird. “We’re interested to see how students make out as a result of these bursaries.”

The first D. Charles Bird Bursary was awarded this year to Dilshad Elavia, a badminton player and musician with a strong resume of involvement at Saint John High School who is pursuing her bachelor of science degree. An additional bursary will be added, each year, until four students are supported annually.

“We’re doing this because it’s life changing,” he says. “We don’t care in what direction their degrees take them, as long as it gives them a leg up in life.” 



# INVESTING IN LEADERS

FELLOWSHIP SUPPORTS  
RESEARCHERS WHO  
WILL DEVELOP AND  
COMMERCIALIZE  
INNOVATIVE NEW  
PRODUCTS

**E**dward Cyr always knew he wanted to be an engineer. As a child, he loved building sophisticated structures with LEGO® and other building toys.

He began his official path toward engineering as an undergraduate student in his native province of Ontario. Unfortunately, this was just as the economic downturn of 2008 forced the shutdown of many automotive plants in the area. Although this negatively impacted the number of his potential co-op placements, Cyr was not deterred. He saw this setback as an opportunity.

He thought about the traditional process for forming metal in the vehicle manufacturing industry and identified a need, not only for better methods of production, but also for better materials - ones that were lighter and would allow more room for the electronics that have transformed how we interact with vehicles. Also, with the rise of in-house 3D printing, the process of producing these new materials could be streamlined.

“This area of research is so new and I'm excited to explore it from all angles,” says Cyr. “I'm curious to investigate the role that artificial intelligence and additive manufacturing can play in the evolution of 3D printed materials like stainless steels and aluminum alloys and what the applications can be for a wide range of industries. The cost savings could be in the millions, and there are applications that we haven't even discovered yet.”

Cyr is able to pursue his research goals in the Marine Additive Manufacturing Centre of Excellence at UNB thanks to a McCain Foundation Postdoctoral Fellowship in Innovation. Established with a \$1.25 million gift from The McCain Foundation, the new fellowships, valued at \$50,000 per year, equip doctoral graduates like Cyr with the resources they need to transform their research into a product ready for market. Over the course of their two- to three-year tenure, McCain Fellows deepen their expertise under the mentorship of

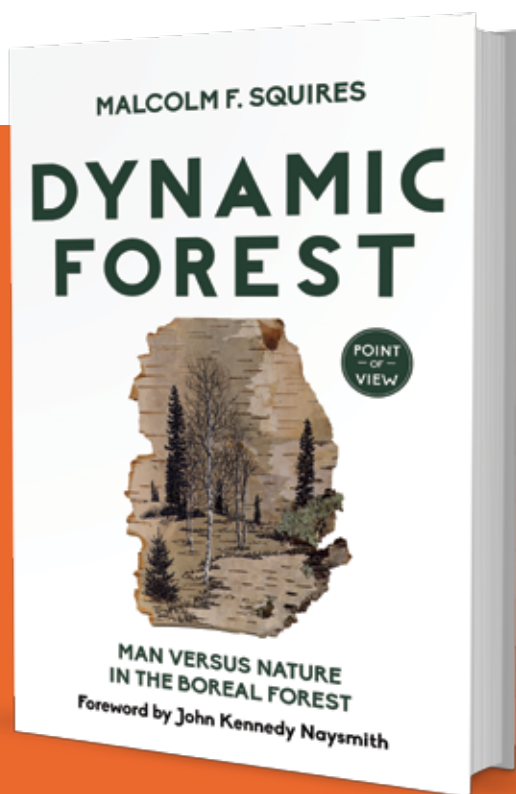
faculty and through partnerships with industry leaders.

UNB President Eddy Campbell believes the McCain Fellowships will play a key role in driving discovery, expanding knowledge, and advancing the economy in the province and beyond.

“I wish to extend my thanks to The McCain Foundation for this exceptional gift,” says Campbell. “These fellowships are attracting highly-trained and experienced researchers who are promoting and encouraging vital partnerships between academia and industry with potential benefits for all Canadians.”

Throughout his fellowship, Cyr will build partnerships with industry, with the goal of developing manufacturing facilities that operate in real time with the demands of designers, engineers and clients. “One of the most important goals of this research is to produce technology that can be put into practice tomorrow,” he says. 🌐





**ALUMNI NEWS** WELCOMES INFORMATION ABOUT RECENT BOOKS BY ALUMNI. IF YOU HAVE BEEN PUBLISHED, PLEASE SEND THE NAME OF THE BOOK, YOUR NAME, THE ISBN NUMBER AND THE NAME OF THE PUBLISHER TO [ALUMNI@UNB.CA](mailto:ALUMNI@UNB.CA).

# BOOKSHELF FALL 2017

**DYNAMIC FOREST: MAN VERSUS NATURE IN THE BOREAL FOREST**

*By: Malcolm F. Squires (BScF'63)*  
Publisher: A J. Patrick Boyer Book  
ISBN-10: 1459739329  
ISBN-13: 978-1459739321

**WHOSE MISSION, WHOSE ORDERS?**

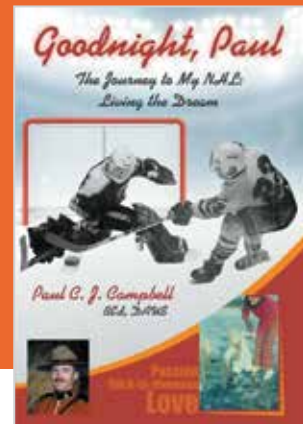
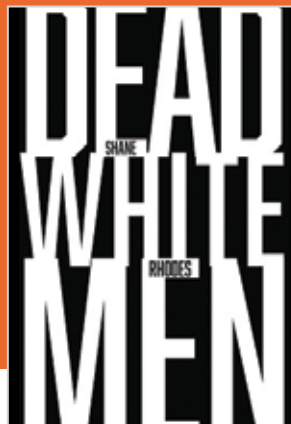
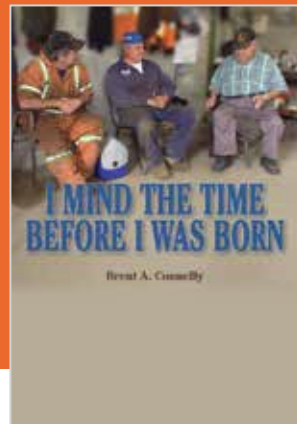
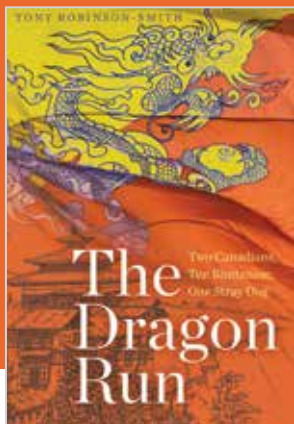
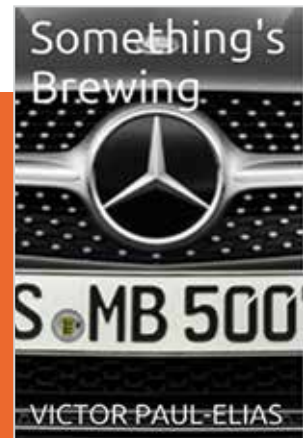
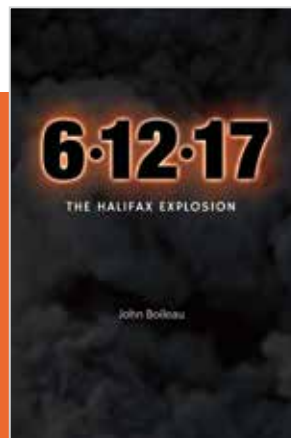
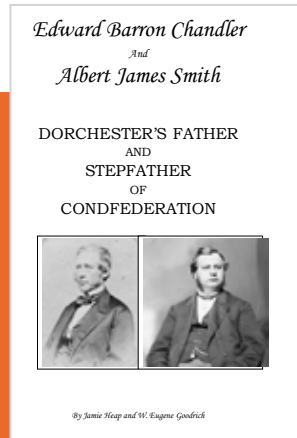
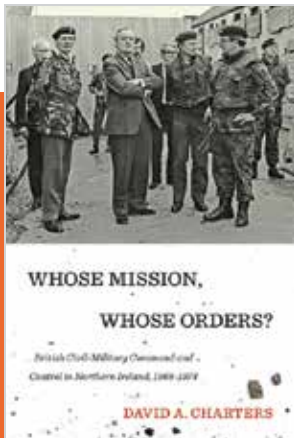
*By: David A. Charters (BA'71, MA'73)*  
Publisher: McGill-Queen's University Press  
ISBN-10: 0773549269  
ISBN-13: 978-0773549265

**EDWARD BARRON CHANDLER AND ALBERT JAMES SMITH: DORCHESTER'S FATHER AND STEPFATHER OF CONFEDERATION**

*By: Jamie Heap (BEd'01) and Dr. W. Eugene Goodrich*  
Publisher: Westmorland Historical Society  
ISBN: 978-0-9693850-8-0

**6•12•17: THE HALIFAX EXPLOSION**

*By: John Boileau (BA'66)*  
Publisher: MacIntyre Purcell  
ISBN: 978-1-77276-066-8



**SOMETHING'S BREWING**

By: Victor Paul-Elias (BA'72, BEd'73)  
 Publisher: Createspace Independent Publishing Platform  
 ISBN-10: 1540438473  
 ISBN-13: 9781540438478

**THE DRAGON RUN: TWO CANADIANS, TEN BHUTANESE, ONE STRAY DOG**

By: Tony Robinson-Smith (MA'05)  
 Publisher: The University of Alberta Press  
 ISBN-10: 1772123005  
 ISBN-13: 978-1772123005

**I MIND THE TIME BEFORE I WAS BORN**

By: Brent A. Connelly (BScF'61)  
 Publisher: Burnstown Publishing House  
 ISBN: 978-1-77257-079-3 (PB)  
 ISBN: 978-1-77257-080-9 (eBook)

**DEAD WHITE MEN**

By: Shane Rhodes (MA'98)  
 Publisher: Coach House Books  
 ISBN-10: 1552453456  
 ISBN-13: 978-1552453452

**GOODNIGHT, PAUL – THE JOURNEY TO MY NHL: LIVING THE DREAM**

By: Paul C.J. Campbell (BEd'93, D-AUS'95)  
 Publisher: Strategic Book Group, LLC  
 ISBN-10: 1681811189  
 ISBN-13: 9781681811185



# HERE IS WHAT SOME OF OUR ALUMNI HAVE BEEN UP TO THIS YEAR

@ RECEIVED FROM READERS

## FREDERICTON

'50

**ELEANOR DONALDSON**, née Barker, (BA) of Renfrew, ON, received the Governor General's Sovereign Medal for Volunteers by Renfrew Mayor Don Eady, in recognition of more than 30 years of volunteer work.

'58

**JENNIFER WADE**, née Prosser, (BA, DLitt'96) of Vancouver, BC, received the Governor General's Sovereign Medal for Volunteers at Government House in Victoria, BC, in June. She was previously honoured with the BC Civil Liberties Award in 2014 for her contribution to civil rights and human rights in BC and Canada; the Queen's Diamond Jubilee Medal in 2012; an honorary degree from UNB in 1996; and the Renate Shearer Award for Human Rights, given by the BC Human Rights Commission and United Nations Association. @

'62



*The Class of '62 Electrical Engineers celebrated their 55th reunion at Homecoming.*

EVERY FIVE-YEAR MILESTONE IS CAUSE FOR CELEBRATION AT UNB. FOR THIS YEAR'S HOMECOMING, ALUMNI WHO RECEIVED THEIR DEGREES IN YEARS ENDING IN "2" AND "7" WERE INVITED TO RETURN TO OUR FREDERICTON CAMPUS TO RECONNECT, RENEW AND CELEBRATE.

'63

**DONALD HENDERSON** (BCL) of Wellandport, ON, has announced his retirement after practising law for over 52 years in the cities of St. Catharines and Thorold, ON. @

'66

**THOMAS MCKENZIE** (BPE, BE'd'69) of San Diego, CA, UNB 2015 Alumni of Distinction Awardee, received the first annual CSPAP Distinguished Research Award from SHAPE America in March. Career details are at [@](http://thomckenzie.com)

'67

**JOHN MCCABE** (BPE, BA'69) of Halifax, NS, was inducted into Dalhousie University's Sports Hall of Fame. John received the Sandy Young Award for his contributions to Nova Scotia sports.



*John (left) and former classmate Rick Colter (BPE'67) reunited at this year's Homecoming where they celebrated their 50th class reunion.*

'69

**JACQUELINE MATHESON**, née Rossiter, (BBA) of Charlottetown, PE, received an honorary doctorate from the University of King's College at its spring Encaenia ceremony on May 25 at the Cathedral Church of All Saints in Halifax.

'70

**RAJ RAJAN** (PhD) of Sherwood Park, AB, retired in June after more than 46 years of service to chemical engineering R&D in Canada; at AECL (Pinawa, MB) in nuclear reactor safety; and in petroleum engineering at Alberta Research Council/Alberta Innovates Technology Futures/InnoTech Alberta (Edmonton, AB) since leaving UNB in January 1974. Raj hopes to enjoy his retirement years spending time with his two grandsons, gardening, music, reading and continuing his volunteer service to both his professional and local communities. @

## '71

**GEORGE BRODY** (MScEng, MCS'73) of Richardson, TX, has joined ilumi as an investor and IoT strategic advisor.

## '74

**EDISON STEWART** (BA) of Ottawa, ON, has retired as the assistant deputy minister of public affairs at the Department of National Defence. @

## '75

**ROLAND LEVESQUE** (LLB) of Halifax, NS, after working as a senior crown attorney for the Nova Scotia Public Prosecution Services in the General Prosecutions unit for several years, accepted a position with the Special Prosecutions Unit in 2016. This is a specialized unit dealing with major case files involving prosecution work throughout the province of Nova Scotia. Roland also continues to prosecute matters in French, being one of several Crowns having the ability to do so within Nova Scotia. @

**MICHAEL MOREHOUSE** (Class of) of Moncton, NB, retired in 2011 after a 36-year career in industrial distribution with Union Carbide/Praxair and engineering services with Johnson Controls and ABB. In 1999, Michael graduated from Harvard Business School's Advanced Management Program. While at Harvard, Michael began a new challenge by embarking on his doctorate in the newly created Engineering Systems Division at MIT. Michael graduated with a PhD in 2014. He also holds a master's in project management from York University (Toronto) and a BSc from California Coast University. (Santa Ana, CA). Michael now lives in Moncton and is married to Constancia Rolle, BSc - University of The East, (Manila). @

## '76

**CAROLYN MACKAY** (BN, MBA'97) of Douglas, NB, was appointed, in November 2016 by the Province of New Brunswick, a commissioner on the NB Electoral Reform Commission. The commission submitted its final report entitled *A Pathway to an Inclusive Democracy* to the clerk of Executive Council in March 2017. @

## '77

**MARC MILNER** (BA, MA'79, PhD'83) of Fredericton, NB, was appointed honorary Colonel of 403 Helicopter Squadron, RCAF; won the Brigadier James Collins Book Prize given out by the US Commission on Military History for his book *Stopping the Panzers*; and was awarded the Admiral's Medal by the Royal Canadian Navy and the Naval Association of Canada for his work on Canadian naval history. @

**RICHARD WARD** (BScCS, MCS'82) of Hanwell, NB, retired from NB Government DNR and IT Services the end of June 2013. Richard is still teaching motorcycle riding as the longest serving instructor of 38 years and was appointed as an BMW MOA Ambassador in July 2016 for his service to the motorcycle community. @

## '78

**JOE BRAZIL** (BScF) of Pasadena, NL, was appointed to the Wilderness and Ecological Reserves Advisory Committee of Newfoundland & Labrador.

**BRYAN DISHER** (BBA) of Reno, NV, was appointed to Lexington Biosciences, Inc.'s board of governors.

**CHERYL HUBLEY-KOZEY** (BPE) of Halifax, NS, was recognized for 35 years of service at Dalhousie University.

**NELDA ROBBINS** (BEd, MEd'10) of Fredericton, NB, has retired after 35.124 years of teaching in the New Brunswick public school system. She is looking forward to travelling the world and reconnecting with old friends and former classmates (robbmarq@nbnet.nb.ca). @

## '81

**CAMILLE CAMERON** (LLB) of Halifax, NS, was appointed to a seven-member advisory board that will be tasked with recommending Canada's next Supreme Court justice.

**JOHN MURRAY** (BScF) of Dartmouth, NS, retired after 32 years with Natural Resources. John has accepted the position of finance/office manager for the Maritime Conservatory of the Performing Arts. @

## '82

**GARY BIZZO** (BA) of Vancouver, BC, is a partner at Equifaira - Liquidity Event Planners, specialists in strategy & execution, corporate finance, capital formation & investor relations. He is a weekly writer for *Equities.com* (largest platform for emerging growth companies), *Stockhouse.com*, North America's largest small cap investor communities and author of *How to Start a Successful Business - the First Time* on Amazon. London-based Richtopia said Bizzo was on the list of the Top 200 Social Influencers in the World for 2017. Forbes in May 2017 said Bizzo was one of the Top 25 Small Business Accounts on Twitter. @

**BETH STYMIEST**, née Cain, (BEd) of Bathurst, NB, retired from Anglophone North School District after spending 35 years in education, with the last three and a half as the superintendent for the district.

## '83

**CHARLES DIAB** (BBA) of Abu Dhabi, UAE, was appointed executive director of advancement and alumni affairs with The American University of Sharjah.

**KELLY WINCHESTER**, née Bonner, (LLB) of Rothesay, NB, was named a provincial court sitting judge based in Saint John.

## '84

**ANDREW CARROTHERS** (BScEng) of St. Andrews, NB, was the recipient of the 2016 UPEI Janet Pottie Murray Award for Educational Leadership, which recognizes an outstanding leader in education who demonstrates a consistent commitment to university teaching. In 2017, Andrew was inducted as a fellow in the John Dobson Enactus Fellowship. Enactus is an organization dedicated to student development in the areas of entrepreneurial leadership and social responsibility. Andrew is on the tenure track at UPEI's faculty of business and currently teaches in the areas of corporate, personal, entrepreneurial, and international finance. @

**BILL MAYBERRY** (BScEng) of Saint John, NB, attended a gathering of the Men of Aitken in July 2016 in Cambridge-Narrows, NB, with Grads representing years 1977 to 1987. It was hard to believe that so much time had passed, but none of the attendees had changed one bit. The stories remained as sharp and original as our hairlines and waistlines. "Eyes Bright". @ (Entry reposted to include photo.)



*Men of Aitken (members from Classes '77 to '87)*

## '86

**JOHN CLARK** (BBA) of Woodstock, NB, was re-appointed to the board of directors of CPA NB at its annual general meeting in June. John and his wife Evelyn Clark, née Yeomans, (BBA'87), CPA, CA, are partners in public practice in Woodstock NB. John also serves as chair of the practice inspection committee for CPA NB. @

**DAMIEN HORIGAN** (MA) of Kabul, Afghanistan, has become a member of the Chartered Institute of Arbitrators. CI Arb is a professional body based in London, with branches in various parts of the world. @

**MIKE KELLY** (BEd) of Cornwall, PE, was named assistant coach for the Vegas Golden Knights.

**SUZANNE KRESTA**, née Currie, (BScEng) of Edmonton, AB, was appointed dean of the College of Engineering at the University of Saskatchewan for a five-year term.

**BERNARD LEBLANC** (LLB) of Moncton, NB, was reappointed to the Veterans Review and Appeal Board for an eight-month term by The Hon. Kent Hehr, minister of Veterans Affairs and associate minister of National Defence.

**ELLY SABIITI** (PhD) of Uganda was awarded a Golden Jubilee Medal by the president of Uganda for his outstanding contributions and loyalty to his country. This is the highest honour a civilian/academician can receive in Uganda.

## '88

**CHRIS SIMPSON** (Class of, BSc'90) of Kingston, ON, UNB 2017 Alumni of Distinction Awardee, was awarded with Hotel Dieu Hospital and Kingston General Hospital's Medical Staff Association's Outstanding Clinician Award.

**CATHERINE STEELE** (BA) of Basel, Switzerland, was appointed senior vice-president of corporate affairs with Biogen.

## '89

**SHELLY ELSLIGER** (BA) of Toronto, ON, founded her own company Linked-Express in 2010 and also works at Rotman, University of Toronto, as a career coach and LinkedIn trainer. Shelly was recognized as a Women You Need to Know in 2015 by the Women Speaker's Association, received the Global Goodwill LinkedIn Award in 2016, and just recently a Women of Excellence and a Canadian LinkedIn Expert. @

**LYNN FRENCH**, née Richard, (BScCS, BEd'10) of Rothesay, NB, has retired from Bell and is looking forward to starting supply teaching in Fall 2017. @

## '90

**DAVID HENLEY** (BBA, LLB'00) of Dartmouth, NS, was appointed Queen's Counsel in March 2017. He is currently the vice-president and general counsel for Irving Shipbuilding in Halifax, Nova Scotia. @

**NATALIE DOYLE OLDFIELD** (BA) of Halifax, NS, was named a 2017 Trust Across America Top Thought Leader in Trust.



## UPDATE YOUR INFORMATION

THE ALUMNI OFFICE COMMUNICATES PRIMARILY THROUGH EMAIL. LET US KNOW WHEN YOUR CONTACT INFORMATION HAS CHANGED SO THAT WE CAN KEEP YOU UP-TO-DATE ON WHAT'S HAPPENING AT UNB AND IN YOUR AREA. VISIT UNB.CA/ALUMNI OR EMAIL US AT ALUMNI@UNB.CA

### '91

**MICHAEL COMEAU** (LLB) of Fredericton, NB, has been appointed deputy minister of justice and public safety for New Brunswick. @

**CINDY MURRAY**, née MacInnis, (LLB) of Antigonish, NS, was appointed a judge of the Supreme Court of Nova Scotia in Halifax.

### '92

**CHRISTOPHER BRITTAIN** (BA) of Toronto, ON, was appointed Trinity College's dean of divinity.

**LI-HONG XU** (PhD, D-UT'94) of Saint John, NB, was highlighted as one of the top 25 influential Asian women in Canada by the Asian Heritage Society New Brunswick.

### '93

**JADE SPALDING** (LLB) of Fredericton, NB, was selected as president of Canadian Defence Lawyers. Jade's work as a litigator has been recognized in the Canadian *Lexpert Legal Directory*, where he has been named as a leading practitioner in the fields of commercial insurance litigation and personal injury. Jade has also been recognized by *The Best Lawyers in Canada* for his work in the area of insurance law. Jade is a member of the Defense Research Institute and serves on the board of directors of the Canadian Bar Insurance Association.

### '94

**STEPHANIE DEMMONS-O'BRIEN** (BA) of Houston, TX, and family have returned home to Houston after three exciting years living and travelling in Southeast Asia. @

**IMELDA PERLEY** (BA, MEd'02) of Tobique First Nation, NB, received the Sovereign's Medal for Volunteers in recognition of outstanding Indigenous leadership. The award was presented by the Governor General of Canada at Rideau Hall in June.

**CATHERINE STEWART**, née Brown, (BA) of Fredericton, NB, has been appointed interim chief executive officer at the Maritime Provinces Higher Education Commission. Stewart has previously served as provincial literacy strategy lead with the Executive Council Office in New Brunswick.

### '96

**ANGELA RYAN BOURGEOIS** (LLB) of Springhill, NS, was appointed a full-time member of the Employment Insurance section of the Social Security Tribunal for a two-year term by The Hon. Jean-Yves Duclos, minister of families, children and social development.

**NATHAN MCFADDEN** (BPE) of London, ON, led Fanshawe College to its most national championships ever in one season (three). He was also appointed to the board of directors of Tourism London. @

**ROBERT OTTO** (MScF) of Durham Bridge, NB, has been hired as chief operating officer of the Atlantic Salmon Federation.

### '99

**LOUISE ARBOUR** (LLD) of Montreal, QC, received an honorary degree from Mount Allison University during its 2017 spring Convocation.

**DAVID CONWAY** (LLB) of St. John's, NL, was appointed chair of the Labour Relations Board of Newfoundland & Labrador for a five-year term.

**NEIL PETTIGREW** (BSc) of Thunder Bay, ON, was appointed to Power Americas Minerals Corp.'s board of directors.

**JAMIE WOOD** (LLB) of Miramich, NB, has been named Female Team BC's assistant coach to help lead the team to the 2017 National Women's U18 Hockey Championship, taking place Nov. 1 to 5, in Quebec City, QC.

### '00

**REGAN O'DEA** (LLB) of St. John's, NL, was promoted to vice-president, general counsel with Fotis Inc.

### '04

**MICHAEL REED** (LLB) of Vanderhoof, BC, and Li-Ching Reed are proud to announce the birth of their third child, John-Michael Li Frederick Reed, born May 15, 2017 at Prince George, BC. Jimmy and Tommy are proud brothers. @

### '05

**ERIN HANCOCK** (BPHIL, MPHIL'09) of Halifax, NS, was appointed to the board of the Co-operative Development Foundation at a June meeting of Canada's co-operative sector leaders. @

**BEV MCALLISTER**, née Harnish, (D-CON) of Tracy, NB, received the Certified Educational Facilities Professional credential. Bev is the third person in Atlantic Canada to receive this certification since the program began in 2009.

'06

**CHELSEA SEALE** (BA) of Saint John, NB, received a Saint John Law Society's Young Lawyers Leadership Award. This award recognizes Saint John young lawyers excelling at their profession while helping their community in their off hours.

'07

**ALANNA WABERSKI** (LLB) of Saint John, NB, received a Saint John Law Society's Young Lawyers Leadership Award. This award recognizes Saint John young lawyers excelling at their profession while helping their community in their off-hours.

'08

**ANDREW DALEY** (BA) of Green Mountain, NB, has been appointed the new chair of the Premier's Council on Disabilities.

'09

**GILLIAN GILMORE** (BScKin) of Grand Manan, NB, travelled to the 2017 Summer World University Games as part of the medical staff for the Canadian men's soccer team. The Games were held in Taipei, Taiwan, from Aug. 19 to 30.

'10

**PHIL FONTAINE** (LLD) of Akwesasne, ON, received an honorary degree from the University of Toronto.

'11

**MIKE ANDERSON** (BBA) of Grand Bay-Westfield, NB, was appointed director of operations for the Saint John Riptide.

'12

**PERCY SACOBIE** (BEd) of Fredericton, NB, received the Meritorious Service Medal (Civil Division) in recognition of outstanding Indigenous leadership. The award was presented by the Governor General of Canada at Rideau Hall in June.

'13

**SAMANTHA STEWART** (BRSS, BA'14) of Fredericton, NB, captured a bronze medal in wrestling in her 53-kilogram weight class at the eighth Jeux de la Francophonie in Abidjan, Ivory Coast.

'15

**LAURA MCNICHOLAS** (BScKin, BEd'16) of Doncaster, UK, has been named soccer co-ordinator at Rothesay Netherwood School.

'16

**ROY STEWART** (JD) of Halifax, NS, is an associate with Burchells LLP in Halifax. @

'17



*Bachelor of science in engineering graduates Chien Dat Nguyen Dinh, Ishtar Al-Tahir, Shawn Randall and Nicholas Pelletier won a UNB Social Impact Award for their invention, Project Qi. Read the story on page 35.*

SAINT JOHN

'95

**PAUL EISNER** (MBA) has been named president of Mariner Innovations. He is responsible for the company's strategic growth and will oversee the business and technical operations.

**SANDRA IRVING**, née Ring, (BA, DLitt'09) of Saint John, NB, received an honorary doctor of humanities degree from Acadia University during its spring Convocation.

'07

**KRISTA LAMONT** (BA) received the University of Maine at Presque Isle's second-ever gold award, which recognizes an alumnus/alumna who has made important contributions in his or her career field and community, and who graduated from the university 10 or fewer years ago.

'17

**HANNAH WALLACE** (BSc) is a third-generation UNB graduate. Joining her in this picture are her parents Susan (BEd'84) and Michael (BEd'89) and grandfather James R. Gillies (BScEng'45). 📸



*Hannah Wallace (BSc'17), with parents Susan (BEd'84) and Michael (BEd'89) and grandfather James R. Gillies (BScEng'45)*

**KEEP IN TOUCH WITH YOUR FELLOW ALUMNI**

NEW JOB? JUST MARRIED?

WANT TO LET YOUR FORMER CLASSMATES KNOW WHAT YOU'VE BEEN UP TO?

SUBMIT YOUR NEWS TO UNB.CA/ALUMNI

SUBMISSIONS IN THE PRINTED VERSION OF HITHER & YON MAY BE EDITED FOR SPACE.

# IN MEMORIAM

## FREDERICTON


SHIRLEY WILSON, née Anderson, (BA'39), Toronto, ON  
 STANLEY PRINGLE (BScF'41), Penticton, BC  
 REBECCA WATSON (BA'41, LLD'86), Fredericton, NB  
 MARY MARJORIE "MM" HUTCHISON, née Blair,  
 (Class of '42), Ottawa, ON  
 BETTY HARDING, née Dunfield, (BA'43), London, ON  
 EVERETT "EV" WISHART (BA'44), Bathurst, NB  
 JOHN "JACK" HARRISON (BScEng'45), Waterloo, ON  
 EILEEN NASON CAMBON (BSc'46, DSc'86),  
 Vancouver, BC  
 ROBERT "BOB" LANYON (Class of '46), Niagara Falls, ON  
 KENNETH FENWICK (BScEng'47), Quispamsis, NB  
 KATHARINE "KAY" ROBINSON (BA'47, MA'67, MEd'84),  
 Lower Queensbury, NB  
 GLADYS TRAER, née Harquail, (BSc'47), Calgary, AB  
 LEILA BUCKINGHAM, née MacKenzie, (Class of '48),  
 Toronto, ON  
 JOHN BLACKMER (BSc'49), Fredericton, NB  
 FRANCES DEVINE, née Beairsto, (BSc'49), Kanata, ON  
 FRANK HARRIS (BA'50, BEd'54), Calgary, AB  
 GEORGE NOBLE (BA'50, BCL'52), Fredericton, NB  
 FRED BUTLAND (BA'51, BEd'52), St. Stephen, NB  
 JOHN RYAN (BCL'51), Queensland, Australia  
 HAROLD BABCOCK (BScF'52, MScF'58), The Villages, FL  
 THOMAS DRUMMIE (BA'52, BCL'54), St. Andrews, NB  
 BEVERLEY "BEV" SMITH (BCL'53), Fanny Bay, BC  
 NORMA BISHOP, née Hatfield, (BEd'54), Rothesay, NB  
 FRANKLIN LEGER (BCL'54), Saint John, NB  
 NITA MCCUTCHEON, née Colwell, (Class of '54),  
 Moncton, NB  
 KEITH SIMPSON (BScF'54), Gatineau, QC  
 ALEXANDER CUNNINGHAM (BScEng'55), Rothesay, NB  
 SHEILA HURLEY, née O'Connor, (BSc'56), Newcastle, ON

ERIC MCALARY (BBA'57), Kamloops, BC  
 PETER DYKEMAN (BA'58, BCL'60), Orleans, ON  
 AVERY STEWART (BBA'58), Sussex, NB  
 ROBERT "BOB" MANCHIP (Class of '59), Nepean, ON  
 ARTHUR WHITE (BScEng'59), Amherst, NS  
 DAWN BREMNER, née McGowan, (BA'60), Jemseg, NB  
 HARRY BOYLES (BScF'61), Rothesay, NB  
 ROY CARSON (BT'61, BA'68), Saint John, NB  
 JULIUS CSABAI (BScEng'61), Baie D'Urfe, QC  
 WALTER DORNAN (BScEng'61), Sacramento, CA  
 LAWRENCE "LARRY" GRIFFIN (Class of '61), Ottawa, ON  
 MURRAY KILFOIL (BScEng'61), New Glasgow, NS  
 MARLENE UNGER, née Parker, (BA'61, BEd'66),  
 Fredericton, NB  
 PETER CUSHING (BScEng'62), Burlington, ON  
 WILLIAM "BILL" MACLEAN (BScEng'62), Moncton, NB  
 CAROL RAYNES, née Harris, (BT'62, BA'67),  
 Saint John, NB  
 WILLIAM "BILL" SPRAY (BA'62, MA'63), Fredericton, NB  
 ROBERT THOMPSON (BA'62), Perth, ON  
 KENNETH COLE (BScEng'63), Montreal, QC  
 MYRON HORN (BScEng'63), Thornhill, ON  
 MURIEL "MIMI" STACKHOUSE (BT'63, BA'67),  
 Saint John, NB  
 GEORGE FORSYTH (MEd'64), Greenwich, NS  
 RONALD GOULD (BEd'64), Riverview, NB  
 BRIAN HALLETT (BA'64), Fredericton, NB  
 JOANNE VEER, née Murphy, (BA'64, MA'70),  
 Charlottetown, PE  
 AL WILSON (BScEng'64), Fredericton, NB  
 NANCY CURRIE, née True, (Class of '65), Chateauguay, QC  
 ROBERT "BOB" NAYLOR (BA'65), Pictou, NS  
 MICHAEL SCHURMAN (BScEng'65), Stratford, PE >>



- » **EDWARD BATES** (BA'66, BCL'68), Vancouver, BC  
**MARION DUNPHY**, née Johnston, (BA'66, BEd'68, MEd'73), Saint John, NB  
**GERTRUDE MOONEY** (BEd'66, PD-Ed'76), Saint John, NB  
**JAY WOOLLVEN** (Class of '66), Williamstown, ON  
**THOR EATON** (Class of '67), Toronto, ON  
**MYRON MITTON** (BA'67, LLB'69), Sackville, NB  
**JAMES "JIM" WALKER** (MSc'67), Victoria, BC  
**JOSEPH "JOE" ESTABROOKS** (BA'68, BEd'71), Waterville-Sunbury, NB  
**JAMES "JIM" MYLES** (BA'68, BEd'72), Fredericton, NB  
**MARY RYAN**, née FitzPatrick, (BA'68), Halifax, NS  
**TOM BREWER** (BSF'69), Grande Prairie, AB  
**KENNETH ELLIOTT** (BScEng'69), Rothesay, NB  
**DAVID HITCHCOCK** (LLB'69), Fredericton, NB  
**KWAN-CHOW LIN** (MScEng'69), Scarborough, ON  
**DWIGHT HUBLEY** (BA'71, LLB'73), Rothesay, NB  
**JEAN TAYLOR**, née Murray, (BT'71, BEd'75, PD-Ed'75), Rothesay, NB  
**STUART BURBINE** (BPE'72), St. Stephen, NB  
**JOHN BURROWS** (BScEng'72, BEd'79), Nepean, ON  
**BETTY HYSLOP** (BT'73), St. Stephen, NB  
**KEITH PHINNEY** (MScEng'73), Halifax, NS  
**GARY CHAPMAN** (BBA'74, BEd'77), New Maryland, NB  
**SUSAN GARRISH-SCRIBNER** (BT'76, BEd'85), Hampton, NB  
**ADELE GRANT**, née Emin, (BA'78), Douglas, NB  
**KARL KETCHUM** (BScCS'78), Nauwigewauk, NB
- MICHIEL OUDEMANS** (Class of '78), River John, NS  
**JUDITH "JUDY" RAMSHAW**, née McGinley, (BT'78, BEd'79, MEd'82), Fredericton, NB  
**LIONEL SOMWARU** (BScEng'79), Bethesda, Maryland  
**CAROL BELANGER** (BA'80), Tay Creek, NB  
**GEORGES WHALEN** (BA'82), Ottawa, ON  
**FRANCINE LOSIER** (BBA'83), Moncton, NB  
**HAROLD HUTCHINSON** (BScCS'86), Saint John, NB  
**THERESA STURGEON**, née Colford, (BEd'87), Doaktown, NB  
**BRENT DEVEREUX** (BBA'88), Riverview, NB  
**JOHN DUTHIE** (Class of '90), Thunder Bay, ON  
**DEAN LANDERS** (BBA'90), Fredericton, NB  
**ANN SHERMAN** (MEd'93), Fredericton, NB  
**JONATHAN KIERSTEAD** (BScF'94, MScF'99), Conquerall Mills, NS  
**VALERIE KINCADE**, née Clements, (C-MHN'95, BN'98), Saint John, NB  
**NATASHA WHITE**, née King, (BN'98), Stephenville, NL  
**TANYA "LILI" MACFARLANE** (BSc'99, BA'11), Fredericton, NB  
**JENNIFER STACKHOUSE**, née Taylor, (BA'99), Quispamsis, NB  
**AHMED ZEWAIL** (DSc'00), Pasadena, CA  
**GILLIAN MACLEAN** (BSc'09), Plaster Rock, NB  
**OLUSEGUN ADEGBITE** (PhD'14), Edmonton, AB  
**MELANIE MITCHELL-DENNY** (C-BA1'15, C-BA2'15), Burnt Church First Nation, NB

## SAINT JOHN

- ELEANOR RANDALL**, née Perry, (BT'76), Saint John, NB  
**WINNONA "WINNIE" PARLEE**, née Johnston, (BT'77), Sussex, NB  
**CONSTANCE SOULIKIAS**, née Whittaker, (BA'77), Saint John, NB
- CONSTANCE WILCOX**, née Hicks, (BT'78), Renforth, NB  
**GORDON KENNEDY** (BBA'83), Toronto, ON  
**MARIE CHRISTIANE PATEL** (BA'88, MA'95), Vancouver, BC  
**DOREEN TONGE**, née Hayes, (BA'89), Nauwigewauk, NB  
**SEAN CLARKE** (BBA'02), Upper Tantallon, NS 

# ETHEL SINGER HALL



## UNDERSTANDING THE IMPACT

For many years, Barbara and Brian Trenholm have fully immersed themselves in the Fredericton community, through their respective roles as an educator and an accountant and through their various community commitments and board service.

Barbara joined UNB's Faculty of Business Administration in 1980, and enjoyed a rewarding career and continues to research and teach after receiving her designation of Professor Emerita in 2008.

Brian's career in accounting and finance was equally successful, as he spent more than three decades as a partner of Grant Thornton LLP, Chartered Accountants and Management Consultants.

The couple possess a unique perspective, as Barbara saw firsthand the various challenges students faced in pursuing their degrees and Brian witnessed the graduates as they expanded their careers in the community.

That combination was one of several reasons they decided to create and fund the Trenholm Scholarship with annual contributions and endow it through a bequest.

Barbara cites her long university career and understanding of the value scholarships provide to those in search of a university degree as other important factors in funding the scholarship.

"When we retired and were considering our philanthropic endeavours, UNB was at the top of our list," Barbara says. "Had I not been able to benefit from scholarships, I

do not know if I would have been able to go to university and be where I am at today."

In 2011, Barbara and Brian established the Trenholm Scholarship, an annual award valued at \$1,000 for a New Brunswick resident who has completed at least the first year of the Bachelor of Business Administration degree program.

"Our firm hired a lot of UNB students over the years, and we also met a lot of UNB graduates through our travels," Brian says. "The university is a great institution and it is clear that it makes a difference in a lot of lives."

## PLAN YOUR BEQUEST HELP TOMORROW'S STUDENTS

For more information or to help us ensure your wishes are fulfilled, please contact:

Mr. Kim Anderson  
Manager of Estate Gifts  
(506) 453-4524  
anderk@unb.ca

Ms. Marion Williams  
Sr. Development Officer  
(506) 648-5989  
mwilliam@unb.ca

[unb.ca/giving](http://unb.ca/giving)

It's easy to have an impact: a \$25,000 bequest in your will creates a \$1,000 scholarship for students forever.

it begins here



THE CAMPAIGN FOR THE  
UNIVERSITY OF NEW  
BRUNSWICK



**J**ump in your time machine and travel back with *UNB Alumni News*. Each issue will feature a Throwback to Yesteryear photo, featuring an alumna/us, faculty or staff member, or campus event.

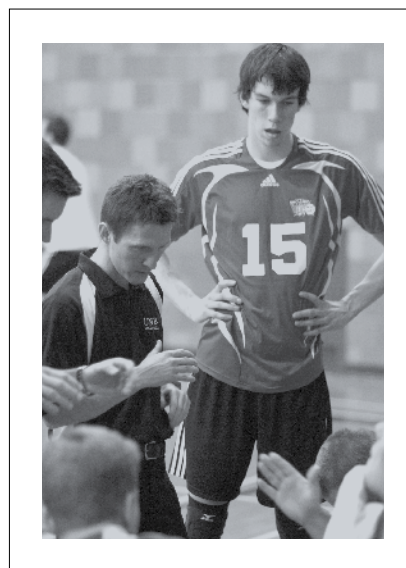
**IF YOU CAN IDENTIFY THE PERSON ON THE LEFT LET US KNOW.**

Send an email to [throwback@unb.ca](mailto:throwback@unb.ca), call Jenna at 506.451.6929 or mail your submission to:

UNB ASSOCIATED ALUMNI  
BOX 4400 FREDERICTON, NB E3B 5A3  
ATTN: JENNA KENNEDY

Include your name, address and phone number. All correct answers will be entered to win UNB gear.

Contest closes Jan. 1. We will reveal the answer, the winner and the next contest image in our spring 2018 issue. 🍷



*The winner of the Proudly UNB clothing for the spring 2017 edition of the Alumni News Throwback contest was Cody Timmons (BScKin'16), who correctly identified alumnus Jacob Kilpatrick (BSEng'10, D-TME'11).*





“The littlest thing tripped me up  
in more ways than one.”

Whatever life brings your way, small or big,  
take advantage of a range of insurance options at  
preferential group rates.

Getting coverage for life-changing events may seem like a given  
to some of us. But small things can mean big changes too. Like an  
unexpected interruption to your income. Alumni insurance plans can  
have you covered at every stage of life, every step of the way.

You'll enjoy affordable rates on Term Life Insurance,  
Major Accident Protection, Income Protection Disability,  
Health & Dental Insurance and others. The protection you need.  
The competitive rates you want.

**Get a quote today. Call 1-888-913-6333 or visit us at  
[manulife.com/unb](http://manulife.com/unb).**



Underwritten by  
The Manufacturers Life Insurance Company.

Manulife and the Block Design are trademarks of The Manufacturers Life Insurance Company and are used by it, and by its affiliates under licence.  
© 2017 The Manufacturers Life Insurance Company (Manulife). All rights reserved. Manulife, PO Box 4213, Stn A, Toronto, ON M5W 5M3.

16.1222 04/17

# MEET MADI.

Madi Banks of Sackville, NB is pursuing a joint honours degree in Classics and Archaeology at the University of New Brunswick.

Now in her fourth year, Madi is one of the many outstanding students receiving support through scholarships, bursaries, awards and prizes at UNB this fall. They are all made possible through gifts from alumni such as you.

*"I love knowing that there are donors who give back because they remember being students and receiving wonderful support like I am today. I can't wait to be able to follow their lead and do the same thing for future UNB students."*



## ALUMNI ANNUAL GIVING

Give each year.  
Create opportunity for students every day.

Our students' success is in part due to our alumni tradition of giving back to UNB, whether that is funding for scholarships and bursaries or support of faculties, research, libraries, athletics and the many other areas directly influencing degree programming.

Every donation from \$20 to \$20,000 makes a positive impact. It begins here. It begins with you.

Make a gift online at [unb.ca/giving](http://unb.ca/giving) or call (506) 458-7594.

it begins here



THE CAMPAIGN FOR THE  
UNIVERSITY OF NEW BRUNSWICK