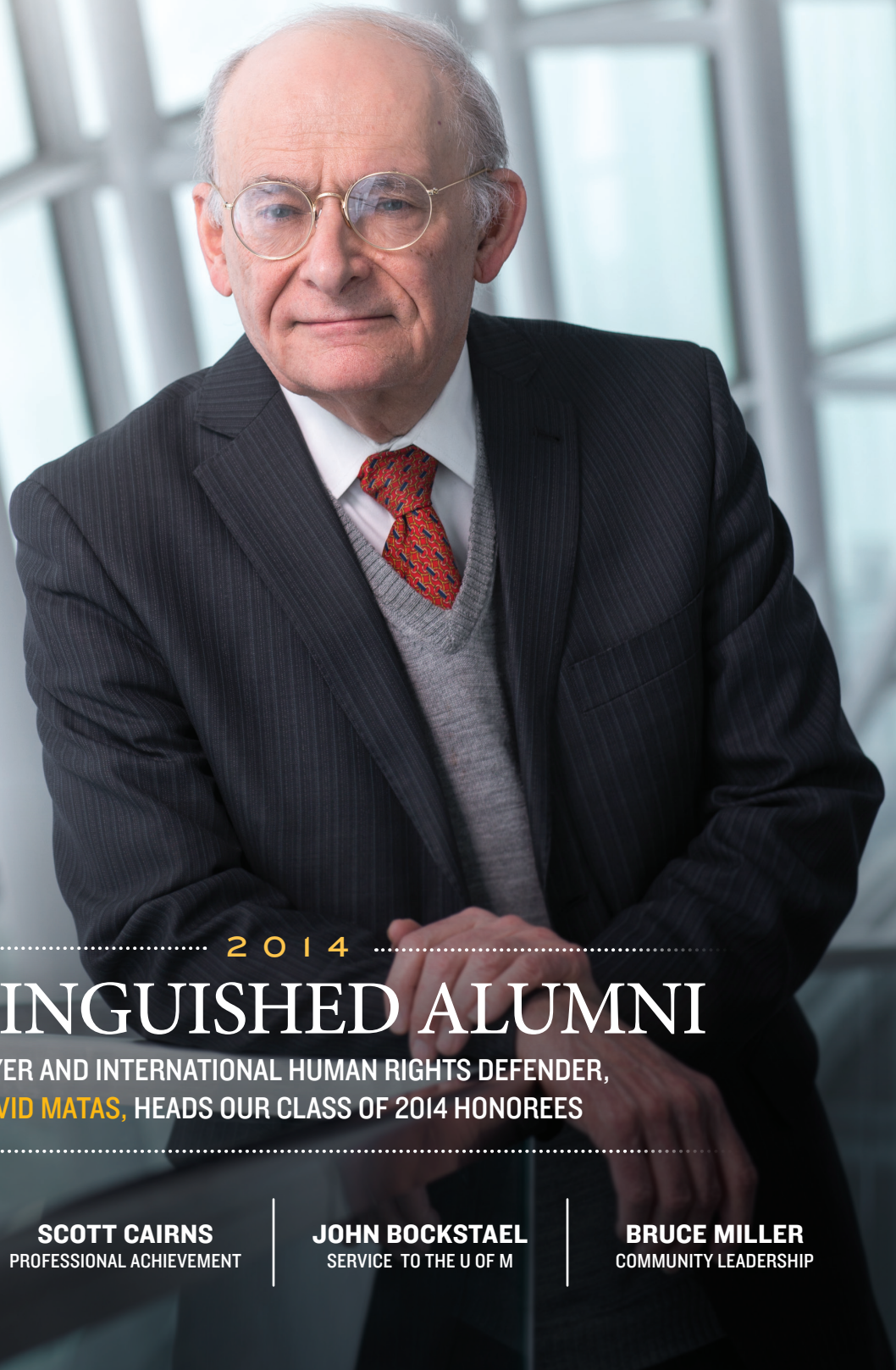


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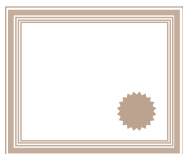
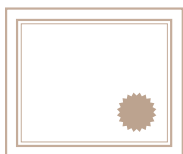
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**DISTINGUISHED ALUMNI** He fights for human rights and fosters humanity around the globe, but David Matas isn't alone in his commitment to make the world a better place. It's a purpose he shares with each of our 2014 Distinguished Alumni Award honorees



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The story behind alumnus James Swirsky and creative partner Lianne Pajot's award-winning documentary on independent video game developers



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For uncovering the genetic cause of Duchenne Muscular Dystrophy and helping build the lab that could one day cure the disease, renowned geneticist Ronald Worton was recently named to the Canadian Medical Hall of Fame



# GRADUATE SUCCESS

## Graduate students like Cassandra Dolovich play an integral role

in the research that will define our future. With a passion for statistics, Cassandra studied a technique that is commonly used to model the frequency of adverse events — which is important in many fields such as insurance, public health, epidemiology and psychology. With the guidance and support of her advisor, she is on her way to making a difference.

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## The GRIND behind the GOLD

There is a famous quotation by Ralph Waldo Emerson: “*Life is a journey, not a destination.*” Achievement can be thought of in this same context, as it is often more meaningful because of the journey—the effort and investment that success requires.

As we approach the end of another academic term, which will see thousands of U of M graduates begin a new journey, it is an opportune time to reflect on the multi-faceted success of our university community and the preparation that gives our achievements such meaning. In the last few months, members of our student, faculty, alumni and research communities have been honoured, recognized and awarded in such a way that we could easily characterize this as a season of achievement.

Jennifer Jones [BA/96, LLB/99] made Olympic history in Sochi, Russia, leading the first womens’ curling team to go undefeated in an Olympic tournament. She shares that moment on page 32. Our Bison womens’ volleyball team won the Canadian Interuniversity Sport championship—their seventh—in a three-set sweep. Exigence Technologies, representing students from the Asper School of Business, prepared a business plan that placed them as the top Canadian team in the 2014 Stu Clark Investment Competition. Pioneering HIV/AIDS researcher Dr. Frank Plummer [MD/76] received the 2014 Killam Prize. We recognized seven rising stars in research as the latest recipients of Rh Awards. We elevated three faculty members to the status of ‘Distinguished Professor’, recognizing their outstanding achievement and exemplary teaching record. As we go to press with this issue, we are preparing for the 25<sup>th</sup> anniversary of the Traditional Graduation Pow Wow on May 3, a free event that welcomes friends, partners, alumni and the community to celebrate our Indigenous alumni and our 2014 Indigenous graduates.

This kind of achievement across the university is part of the rationale for the expansion of our alumni awards program. For the first time since its introduction in 1937, we have flanked our Distinguished Alumni Award with four new awards recognizing outstanding young alumni achievement, community service, service to the university community, and professional achievement. You’ll read more about the first class of recipients

throughout these pages, whom we honoured at the inaugural Distinguished Alumni Awards Celebration of Excellence at the Winnipeg Art Gallery on May 1 (page 15).

What our outstanding alumni share with our award winners, champions, and medalists mentioned above, besides their proud U of M connection, is that the culmination of their efforts is the result of an incredible amount of preparation. They prepare outside of the spotlight for months, years—even decades. Their motivation comes entirely from within—from personal investment and intrinsic rewards—as the acclaim they’ve received was never a guarantee.

I relate to this notion not as an athlete or award winner, but in my role as President of this university. In 2009, the University of Manitoba established a five-year strategic planning framework that provided the basis for institutional focus and decision-making. This involved a considerable amount of preparation to launch the initial framework, and an amazing commitment by our community to pursue initiatives and activities that would help us meet the challenges we set for ourselves. As we reach the end of that five-year period, we have the opportunity to look back on an incredible number of achievements for our university and the communities we serve, all made possible through the investment of time, and the effort and collaboration of our stakeholders.

We recently engaged in a broad consultation across the university to revisit this framework, updating and enhancing it for the next five years. As part of this consultation, we held our first-ever Alumni Forum on March 10, welcoming a group of more than 60 alumni spanning 64 graduating years to participate in a candid discussion about the strategic direction of their alma mater. The engagement and excitement expressed by our alumni that day was inspiring, and reminds us of the incredible connection that you, as graduates, have to the University of Manitoba.

I invite you to join us on this journey as we aim to introduce a new framework document to our community this coming fall. Visit [umanitoba.ca/SPF2014](http://umanitoba.ca/SPF2014) to follow the progress of this important initiative. Together, we will set a new foundation for achievement.

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\*No purchase is required. There is one (1) prize to be won. The winner may choose between an amount of \$60,000 CAD to build a dream kitchen of his/her choosing or \$60,000 CAD cash. The winner will be responsible for choosing a supplier and for coordinating all of the required work. The contest is organized by Security National Insurance Company and Primum Insurance Company and is open to members, employees and other eligible persons who reside in Canada and belong to an employer, professional or alumni group which has entered into an agreement with the organizers and is entitled to receive group rates from the organizers. The contest ends on October 31, 2014. The draw will be held on November 21, 2014. A skill-testing question is required. Odds of winning depend on the number of eligible entries received. The complete contest rules are available at [melochemonnex.com/contest](http://melochemonnex.com/contest).

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# 25<sup>TH</sup> ANNUAL TRADITIONAL GRADUATION POW WOW

## A celebration of Indigenous culture, heritage

BY JACK RACH

**When Florence Paynter [MEd/91] studied for her master's at the University of Manitoba 25 years ago, Indigenous students were few and far between. So too was any form of cultural support for them.**

"I felt isolated because at the masters level there weren't any peers, or any people I could talk to," says Paynter, an Anishinaabe woman from Sandy Bay First Nation, Manitoba. "Even still, there weren't many at the undergraduate level either."

Later that year, in the spring of 1989, a group of Indigenous students organized a Traditional Graduation Pow Wow to celebrate their accomplishments. Paynter participated in the event, which formally honoured Indigenous graduates at the U of M and celebrated First Nations, Inuit and Metis cultures.

Fast forward a quarter of a century to 2014 and find the Traditional Graduation Pow Wow celebrating its 25th anniversary. Once again, the event promises to shine a warm light on the achievements of Indigenous men and women at the U of M.

"Because I'm a graduate of the University of Manitoba, I know how many leaps and bounds we've taken to be where we are as a people," says Paynter, who today is an Elder-in-Residence with the Aboriginal Student Centre in Migizii Agamik-Bald Eagle Lodge. "As a grad of the Pow Wow 25 years later, I see it as a revitalization of our cultural and linguistic practices," she says.

As an Elder, Paynter serves as a mentor to Indigenous students. She helps guide them through difficulties—both personal and school-related—and serves as a bridge between Indigenous and academic cultures. Dené Beaudry is one of the students to benefit from Paynter's guidance.

Before coming to the U of M, Beaudry worked as a youth advocate in the North End, where he helped create a hockey team at St. John's High School. Preaching the importance of their studies to his student athletes was a constant for Beaudry. Then one day, Beaudry recalls, a player asked him, "Why don't you

practice what you preach? We know you only have a Grade 8 education. Why don't you go back to school?"

Accepting this challenge, Beaudry looked into ways to continue his education. Within a week he found out about the U of M's Access program and by fall he had enrolled.

"The Access program gave me an opportunity," says Beaudry. "To have someone open the door meant the world to me."

The opportunity didn't come easily, however, recalls Beaudry. He says he would have quit his first week if it weren't for the support of the Aboriginal Student Centre and the people within it, like Paynter, whom he met at the beginning of his university experience in the fall of 2010.

"To sit in my first class, where there are almost 300 students there, and being 37, I really felt out of place. It was really tough at the beginning," says Beaudry. "Coming to this building [Migizii Agamik – Bald Eagle Lodge] makes all the difference in the world."

Beaudry says no one would let him quit. Despite suffering from health issues and the social and personal struggles he faced as an older student without a high school diploma, he persevered and will graduate this spring. His eyes well up and his voice gets soft when he describes what it will be like to participate in the 25th Traditional Graduation Pow Wow.

"I get to dance with my brothers and sisters, my aunts and uncles, my Kokums and my Moshooms. That's the best feeling in the whole world," he says. "It's such a glorious time and to be able to celebrate the 25th Pow Wow with the first grads and all dance together that's amazing. It's not just me graduating. It's all of us because without the love, the respect, the teachings of my family at home and at Migizii Agamik, I wouldn't be here today."

Florence Paynter and Dené Beaudry



The **POW WOW** is one of the most important cultural events celebrated in First Nations communities and it builds unity far beyond traditional family ties. As such, the **25<sup>th</sup> TRADITIONAL GRADUATION POW WOW** is not a celebration only for Indigenous graduates. It's for every single person who supported the students' academic and personal growth. This year, all Indigenous alumni were invited to participate, be recognized and help honour the continued achievement of Indigenous people at the U of M; the public was welcomed as well.

## HE'S A 'STARMAN'

Dr. Neil deGrasse Tyson, acclaimed astrophysicist and television personality, delivered a lecture at the U of M—his first at a Canadian university on March 13.

The cheering from the roughly 3,000 people in attendance when he came out on stage was similar to what you'd hear at a rock concert. Science is indeed cool.

Tyson delivered this year's Robert and Elizabeth Knight Distinguished Visiting Lecture. His visit coincided with a larger, week-long event on campus hosted by the office of Student Life: Dream Big. Tyson was the honoured guest at the Emerging Leaders Dinner celebrating student leadership, and he took part in a round table discussion in the Faculty of Engineering. His impression of the U of M? "I know this will sound new-agey, but I like the energy here," he said.

*See page 12 for Tyson's one-on-one with President Barnard.*

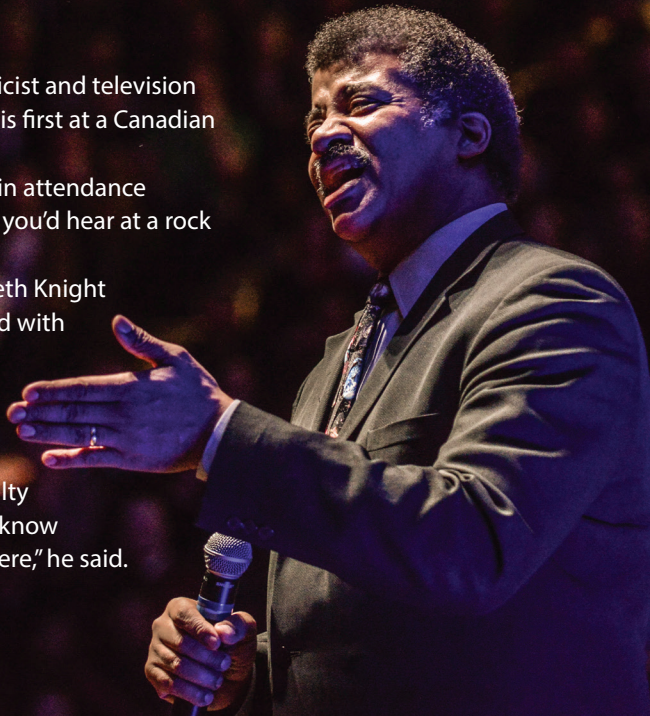


PHOTO: MIKE LATCHISLAW

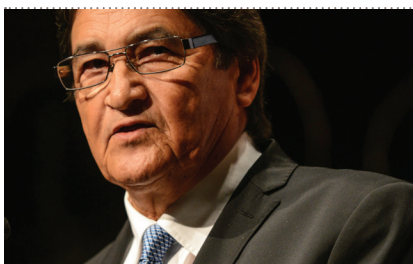
## THE UNIVERSITY OF MANITOBA WELCOMES . . .



**BARBARA AXWORTHY** [BA/81, BComm(Hons)/85] who joined the External Relations team recently as the new director of alumni relations and will work in collaboration with the Alumni Association to continue developing deep and meaningful relationships with alumni in Manitoba and around the world. Axworthy brings to the role 15 years of management experience in marketing and corporate communications—she was most recently director of corporate communications for Qualico Homes and prior to that spent more than a decade in senior marketing and communications roles with Investors Group.



**RY MORAN** who in February was named the director of the National Research Centre for Truth and Reconciliation. Moran, a bilingual member of the Metis Nation, will liaise and coordinate with Aboriginal communities and Survivor organizations, governments, partners, external agencies and university departments to establish the Centre; manage its day-to-day operations once it opens in 2015; and work closely with the Centre's Governing and Survivor Circles comprised of Survivors, partners and community members.



**OVIDE MERCREDI** [LLB/77] who embarked on a four-month term as a senior advisor to the U of M as it updates its Strategic Planning Framework (SPF). Indigenous achievement is foundational to the SPF. With Mercredi's assistance, opportunities will be identified to further enhance innovative programming and supports geared toward First Nations, Metis and Inuit students.



## CONDENSING COUNTLESS HOURS INTO THREE MINUTES



With its popularity rising in its second year at the U of M, the Three-Minute Thesis (3MT®) competition continues to draw out the best creative minds from within the university's graduate student population.

This year, 27 students whittled from a pool of 135, comprised the three heats of the competition that challenges them to explain their thesis in 180 seconds. Andrea Edel [MSc/99], a doctoral student in physiology (pictured with President Barnard) emerged victorious in the nine-person

finale and claimed the \$5,000 grand prize.

Her presentation, titled *Flaxseed: A Modern Prescription for High Blood Pressure and Cholesterol*, explored natural ways to reduce the risk of heart disease and stroke.

As diverse as the presentations were, a common thread can be found in the ways U of M alumni and friends help many of these graduate students shine: six of the nine finalists were the beneficiaries of an alumni-established or funded award.

## NEW INSTITUTE will focus on the 'FOURTH R': RIGHTS

A unique summer institute for teachers will provide training opportunities in teaching and learning about human rights issues.

The Canadian Museum for Human Rights (CMHR) and the Faculty of Education recently announced the creation of a program called The Fourth R: Teaching and Leadership for Human Rights Education (the name recognizing that human rights education is as critical as the traditional "Three Rs" of education: reading, writing and arithmetic).

It represents the first-ever partnership between the CMHR and a university education faculty.



## ASPER STUDENT (BAT)S HIS WAY TO THE HALL OF FAME

He's not bound for Cooperstown thanks to his skills on the baseball diamond, but Stefan Baluta is a hall of famer nonetheless.

Last December, the fifth-year Asper School of Business student took the Bloomberg Aptitude Test (BAT) and scored an amazing 710 out of 800. He is the only Canadian on the global hall of fame list. The test is used to assess the finance knowledge and career aptitude of college and university students.

What's more impressive than the feat itself? At the time of the test, Baluta was an actuarial mathematics major; finance was one of his electives. Not anymore. When Baluta learned of his BAT score, he rearranged his schedule and is now pursuing both disciplines as a double major.

## BEST IN THE LAND

The Bison women's volleyball team dethroned reigning national champions UBC Thunderbirds in a straight set victory. The win marked the team's seventh CIS championship and first since the 2001-02 season.



SUPPLIED PHOTO



A close-up portrait of Neil deGrasse Tyson, looking slightly upwards and to the left with a thoughtful expression. He has a mustache and is wearing a dark jacket over a light blue shirt. The background is a deep blue gradient.

# CONVERSATION WITH A VISIONARY: NEIL DEGRASSE TYSON

PHOTO: THOMAS FRICKE

## AS•TRO•PHYS•I•CIST

Fourteen characters and five syllables seems appropriate for a job title assigned to people, like Neil deGrasse Tyson, who ponder the incomprehensible bigness of the universe and its connections to our lives here on Earth.

But Tyson represents a break from the academic pack, a populist science educator determined to deliver the 'W5' of his esoteric scholarly pursuits to the masses. And he does this as director of the Hayden Planetarium at the Rose Center for Earth and Space in New York; as an award-winning author; as host of the recently rebooted TV series *Cosmos: A Spacetime Odyssey*; and through frequent public talks—like his March 13 visit to the U of M where a crowd of more than 3,000 greeted him like a rock star (*People* magazine did, after all, herald him as the Sexiest Astrophysicist Alive in 2000).

Yet for all his efforts to make science cool, Tyson's daily work occupies a rarefied place of knowledge. In our first Conversation with a Visionary feature, Tyson reveals to President David Barnard what sorts of questions keep him and his colleagues up at night, including, dark energy and dark gravity; and the possibility that our universe is simply someone or something else's computer simulation.



**PRESIDENT DAVID BARNARD:** We've got you on the day after the debut of *Cosmos*. How'd it go last night?

**NEIL DEGRASSE TYSON:** We've been doing heavy media up until then and I said 'I'm going to do this at home, with my family.' So we all just cuddled up on the couch and watched it together and had chocolate fondue and some champagne. So, yeah, you feel the buzz in the air. Twitter was all a-flutter, it was trending and, since it went time zone by time zone, it sort of occupied multiple hours of Internet attention. So, I felt the energy out there. It's an interesting phenomenon.

**DAVID:** Can you tell us two or three things in your area of work or writing that are particularly intriguing or important?

**NEIL:** On the frontier of astrophysics there's some very clear and clean, and ever-present frontiers that, no matter what else we're all working on, they sort of live with us. And one of them is: we have measured the existence of this thing we call dark energy but we have no idea what it is, what's causing it or why it's there. And it's this mysterious pressure in the vacuum of space, forcing the expanding universe to accelerate. And it's just a mystery. To accelerate beyond the wishes of the collective gravity of all the galaxies in the universe which, given its own devices, would slow down an expansion or even reverse it. So that remains a mystery.

Another profound mystery, the longest unsolved problem in the field, is what we call dark matter. I'd rather call it dark gravity because 85 per cent of all the gravity in the universe has no known origin. All of the atoms and molecules and the gas clouds and everything that we know and love and see and touch and feel . . . accounts for one-sixth of the total force of gravity that we see manifesting in the universe. That's another frontier where we measure but we don't know what's causing it.

And also the question about life on Earth. How'd you go from organic molecules to self-replicating life? This is a frontier of biology. Earth didn't seem to have any problem accomplishing this; it happened relatively quickly, but it's a fascinating question that affects not only the biologist but also the astrobiologist. Because we want to know what conditions on another planet might lead to the same thing or life that looks really different from us, biochemically.

Also, we don't know what was around before the universe. We have some ideas but nothing grounded in observation and so that's an intriguing place to spend a few minutes a day, reflecting.

**DAVID:** Those are clearly big and interesting questions. The last one you mentioned—'What came before the universe?'—is particularly intriguing . . . How do you and your professional colleagues explore this notion of what came before the universe?

**NEIL:** That's an excellent question because the broader question that you're in the middle of there is, 'How do you ever know, fear, understand the origin of something?' Because the origin of something is typically a singular thing. Whereas the evolution of something, the change of something, you can see something: what it looked like yesterday, what it looks like today, and wait until tomorrow and see what it looks like tomorrow. You can make measurements of a change. But you can't make measurements of an origin.

So, origin questions are particularly challenging to the scientist. Now, if you are outside of the thing that has an origin—that is, you are not part of it—and this thing is going on all the time, then you got it. [For example] We can watch stars being born. So, even though we weren't around to watch our sun being born, we watch other stars being born and we can draw analogies between what we see going on today and what would have happened five billion years ago in our own solar system. In another example, you can see galaxies collide. Well, no you can't, because that takes a hundred million years to run its course. But you can catch galaxies in different stages of collision across the universe. And so you can basically construct a movie, borrowing frames from different colliding galaxies to see the full unfolding of this dramatic phenomenon. And you can simulate it on a computer putting in the laws of physics.

So, now we can get to the origins of the moon and the Earth and the sun, things that in another day we would have thought would have been completely untrackable. But now there's the universe, the origin of the universe, the origin of life. These, as far as we know, were singular moments. So, it's harder. If you're going to claim that you know how life formed, you want to be able to do that in a laboratory. Here's how life formed, you start with a test tube of organic molecules and at the end of the day, after you pump in some energy and you shake-and-bake it, you get something crawling out of the test tube. And then you say, 'We got this!' The origin is a solved problem, let's go to the next question. So, that, that's where we are right now.

**DAVID:** I'm a computer scientist by training and one of the differences between my discipline and yours is that mine is essentially created. It's a construct. We may not understand all the entailments of all the formal systems we create but we can manipulate them and try and understand them more. With mathematics we can try and derive properties of them. But for a person like me watching you and your colleagues work on the first couple of things that you mentioned—dark energy and dark gravity . . . how do you go about probing the existence of something so esoteric and far from our experience?

**NEIL:** You mentioned a couple of things there. Let me back you up to what you first talked about: contrasting what we do in my field versus what you do. Because when you write code to represent some system, you are putting boundary conditions on that code. Because that's what you'd expect would constrain how the system behaves, not to put words in your mouth, but I'm pretty sure that's what you were getting at. And there's a fascinating question that's been posed recently and that is whether the entire universe is, itself, somebody's computer simulation. Or some entity's computer simulation.

And you might say, 'Well, how did you go about doing that?' And it turns out there are these things called cosmic rays, which are extremely highly energetic particles . . . that come in from the depths of space and collide with Earth. They're the highest energy things that we have ever measured. And you say, 'Okay, I wonder where they're coming from?' and we think we know where they're coming from: supernovas and colliding stars and other high-energy phenomena in the universe.

But, there's no reason to expect that there'd be a limit on the energy that we measure for these cosmic rays. Because there's no limit that we think of in terms of the energetics of the universe.

But it turns out some evidence shows that there's an upper limit to the energies we are measuring from space in the form of these cosmic rays. And so that got people thinking that if they were to write a computer program and they were going to send cosmic rays in every now and then, you'd have to bound that somehow in your code . . . . You're not going to pull infinite energy from your code. Because it doesn't work computationally. So you put some huge number that sets a limit, no one will ever go there anyway, and then you watch your experiment unfold.

Now here we are in this universe, possibly created in someone's graduate lab in some hyper-universe, and they're watching us and we're slowly catching on to the fact that there are things in this universe that are bounded not by the forces of nature but by the limits of their capacity to encode it. And this has been given serious attention. It sounds crazy, like something out of *The Matrix* trilogy. But it's precisely the problem you are suggesting: if you're going to code something up, you're limited to the parameters of the code. And maybe nature has no such limits. So, we always in my field have to be sensitive to that boundary.

**DAVID:** One of the things that fascinates me in computer science as we try to analyze, say, the time complexity of algorithms or the space complexity of algorithms—'How long will this program take?' 'How much space will it take to compute in terms of the input size?'—a lot of that looks like it should be handled by simply discrete mathematics. These are discrete systems, they are clearly finite, observable steps. But it turns out that some of those interesting questions about computational complexity are best-handled using analysis rather than algebra. And that to me is a fascinating use or unexpected thing about the space in which my colleagues and

I work. And I just wonder about the kind of philosophical connection between that unexpectedness, that our continuous mathematics helps us understand what appear to be discrete concepts in computer science, and what you were just saying. What would you say about that?

**NEIL:** Let me give what may not be an exact analogue to this, but it put the physics community through the same type of angst when it happened.

We have the towering achievement of what we call classical physics where you have discrete particles and they move according to forces and, it's been said out of the world of classical physics, if you were given the speed and the momentum and the direction of the forces operating on an object you can forever predict the future of that system. And this is the hubris of the classical physics world.

But it turns out that there are certain phenomena that, if you look microscopically, you say, 'I understand it' but macroscopically there are emerging phenomena that cannot be analyzed by the complete reduction of the system. And they require that you represent them statistically or as part of an ensemble. And that was disturbing to some physicists caught in that transition because it meant, 'No, you can't describe the motion of every single particle in the gas.' You just can't. If you did, you will not recover the macroscopic properties of the gas.

And so at some point you have to step back, put down your weapons and say, 'I need to think of this as a macroscopic system, where I know what the particles are doing statistically.' And by the way, temperature is not a microscopic phenomenon. It is a macroscopic measurement.

This happened in biology as well. There's no understanding of biology without chemistry. And no understanding of chemistry without physics. But there's something in biology that you cannot derive from first principles in chemistry. And that is evolution by natural selection. That is an emergent macroscopic phenomenon of the system. And so, yeah, it is, it's real, get over it. And move on.

Now, about dark matter and dark energy. We measure the gravity that's out there. You can see its effects on the movement of stars and planets and galaxies. We can measure that! And you know something, the gravity force we measure cannot be accounted for by all of the things that we know make gravity. Period. There it is. So, we're stuck with this mystery.

And it wouldn't be the first time we measured things without understanding what's going on. We created calendars before we knew the Earth went around the sun. Because from Earth it looked like the sun went around the Earth. So you base calendars on the movement of things in the sky. And the month is basically derived from the moon, it used to be called 'moonth', and so, you don't have to know what the moon is and how it formed, and what it's made of to derive cycles from these cosmic phenomena.



# DISTINGUISHED AWARDS ALUMNI

PROFILES: JEREMY BROOKS [BA/98] PHOTOS: THOMAS FRICKE

The paths that led them to the U of M are as diverse as the directions they took upon graduation. But each of our **2014 Distinguished Alumni Award honorees** have, in unique ways, made our world a better place.

They've fought for human rights; they've disarmed warlords; they provided critical healthcare in Canada and abroad; they've helped unify Indigenous and non-Indigenous people in Canada by showing them their shared values; they've dedicated their time, their talent and their treasure to fostering a new level of education excellence for students at the U of M.

On May 1, we celebrated the accomplishments of five extraordinary graduates at a gala event but the magic of the evening extended beyond their exemplary contributions. Manitobans know how to have a good time, and in a city as rich in musical and performance talent as Winnipeg, we showcased the wealth of creativity our alumni possess through a series of performances by 2014 Juno nominees Erin Propp [BJazz/11] and Larry Roy [MMus/10], Desiree Dorion [LLB/08], and acclaimed soprano, Andriana Chuchman [BMus(Perf)/04].

At the U of M, we like to pose the question: **'How Far Can We Go?'** Through the achievements of our 2014 Distinguished Alumni Award recipients, we resoundingly answer: as far as our dreams can take us!

Meet your 2014 Distinguished Alumni Award honorees . . . .

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A full-length portrait of David Matas, an older man with thinning grey hair and round glasses. He is wearing a dark pinstriped suit jacket over a grey V-neck sweater and a red patterned tie. He is standing with his hands clasped in front of him against a background of large, light-grey square tiles. A teal banner with a white geometric line pattern is overlaid at the bottom.

**David Matas** [BA/64]  
2014 Distinguished Alumni Award



One could easily mistake the entrance to David Matas's downtown Winnipeg office as a doorway to a filing cabinet. Because that's what it is, essentially.

Shelves, teeming with files, line every available inch of wall space and on the floor a stool enhances the reach of the bantam-sized lawyer, whose willingness to punch above his weight during his 30-plus-year career has made him a giant in the field of international human rights. Matas, in mid-reach for a file, steps down with the nimbleness of someone much younger than 70 and addresses the white elephant in the room, namely, the impossible volume of paper work surrounding him.

"I use it a lot," says Matas matter-of-factly. "I have constant reminders of where everything is. I keep a diary and I have my clients providing me constant reminders of what needs to be done."

Passion for his work, combined with his self-described nature—"stubborn and patient"—propel Matas's furious schedule: he toils seven days a week, about 10 hours a day, in Winnipeg, in Geneva, in Brussels, in Afghanistan, wherever his assistance is required. He says he's never missed a day of work for sickness and though he's of retirement age, plans to stay this course.

"Well, I'm not going to stop my work and become a concert pianist," he quips.

Investigating human rights violations with the grand grotesqueness of, say, the harvesting of Falun Gong practitioner's organs by the Chinese government is not uncommon for Matas. But he credits his longevity—and his effectiveness—to his ability to separate himself from the job.

"My work is my work," he says. "I don't think about

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"I would hope that people would continue to work in human rights and try to do something to combat the violations. And continue to remember the victims of these violations. And learn the lessons from this victimization and try to act on it."

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Those clients have been refugees—a specialty Matas happened upon during an earlier stint in commercial and corporate law, becoming at the time one of only two refugee lawyers in the country. He didn't plan the switch, but it proved a natural fit given its connection to another event that had shaped Matas's life since he was young: the Holocaust.

"I was, from a very early age, trying to deal with the Holocaust and find some meaningful response to it, trying to learn the lessons from the Holocaust and trying to act on it. Certainly one of them was protecting refugees," he says. The other three lessons Matas cites as guiding principles: to combat incitement to hatred; to bring perpetrators to justice; and to protest human rights violations wherever they may occur.

Sadly, they occur everywhere and all the time.

"If you're going to get involved in human rights seriously, you have to accept that the problem isn't going to go away," says Matas, who's been nominated for a Nobel Peace Prize, had his life threatened by China over his work on behalf of Falun Gong, been banned from Russia, and been named to the Order of Canada.

it when I'm not working. This is all harrowing. Torture, killings, arbitrary detention, sexual abuse, this is daily fare for me. Unless I have an emotional detachment from it, I can't function. I see a lot of people in this field who have an emotional attachment . . . They just burn out and they leave."

The more you speak with Matas, the less of a mystery his motivation becomes. He's less concerned with fame or acclaim than with using his profile to inspire others to help him with a seemingly insurmountable task. If more people cared about, and did something to thwart, injustices happening not just next door but halfway around the world, that would probably be a fitting legacy to his remarkable career.

"Hatred is a basic human emotion," he says. "You're not going to end it no matter how much you work in this field . . . [So] I guess I would hope that people would continue to work in human rights and try to do something to combat the violations. And continue to remember the victims of these violations, and learn the lessons from this victimization and try to act on it."

She's survived a harrowing escape from Vietnam and endured the rigours of the emergency medicine residency program at the U of M. As a self-diagnosed, "go-go" type-A personality, she's routinely added new challenges to her restless life: co-founding the charity Canadians Helping Kids in Vietnam (CHKV) when she was 17; developing an ultrasound curriculum for the her residency program while she was an ER resident; and embarking on an MBA at the same time joined the staff in the ERs at St. Boniface Hospital and Health Sciences Centre. But sitting in the dining room of her South St. Vital home, gleefully bouncing her infant son Gabriel on her lap as she takes in her last few weeks of maternity leave, Dr. Chau Pham submits to the reality of parenthood—it is

Canada when Pham was seven—by then, she had already endured two years in a refugee camp battling tuberculosis amidst squalid surroundings. There she met the first of many people who would help her on her journey: a Red Cross doctor who restored her health, renewed her mission to Canada and inspired her career in medicine. In Canada, Pham met her sponsor, Darlene Lindsay, who would become her adoptive mother, reunite her with her biological family and teach her that "the secret to happiness is in giving to others."

The gifts she's received throughout her life, Pham has tried to repay tenfold. La Rivière helps her manage the urgency of her efforts. Where she still tries to do everything *here and now*, she says he helps her focus on

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“When you improve one person’s life, that person has so much capacity to make a difference for other people who look up to them and follow after them.”

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tough, and she is (finally!) tired. She also concedes that she wouldn't have it any other way.

“It's an eternal exhaustion any parent can relate to and, more importantly, there's really no predictability anymore for someone who's such a type-A personality and loves to control their schedule,” says Pham with a laugh. “I'm no longer in control. Gabriel's the driver. And that's okay. That's okay.”

Gabriel arrived on June 23, 2013, exactly one year to the day from another recent life-changing event: her marriage to fellow emergency physician Dr. Christian La Rivière [BSc/98, MD/02]. Pham says her personal motto is “to live with intention”, yet for everything the 35-year-old has already accomplished, she wanted nothing more than to have a family and be a mom. “There is no other calling that I love so much,” she says. “Without Christian and Gabriel, it wouldn't have completed who I am today.”

Who she is today, says Pham, is the product of her past, a dramatic journey that began when waves of Vietnamese immigrants were fleeing oppression in their native country. Pham, under the protective wing of her Aunt Hoa, was among them. They eventually landed in

the 'here and now.' “He's balanced me in an extremely valuable and very healthy frame of mind,” says Pham. “He really values family time.” No small feat when you consider she juggled her pregnancy with full-time work in the ER, her administration of the ultrasound curriculum, her leadership role with CHKV, and an eight-course final year of her MBA (she wanted to graduate before she gave birth).

This dogged desire to give back is a family trait. Shortly after their arrival in Canada, Pham's aunt gave birth to her cousin, Melanie. As her mother dealt with adversity in her own life, Melanie came to live with her older cousin (Pham affectionately refers to as her “surrogate daughter”). She eventually followed in Pham's footsteps to medical school and today complements that grind with what Pham describes as a “full-blown” involvement in the work of CHKV. The charity continues to grow and their sights are set on an ambitious renovation to an orphanage in Vietnam.

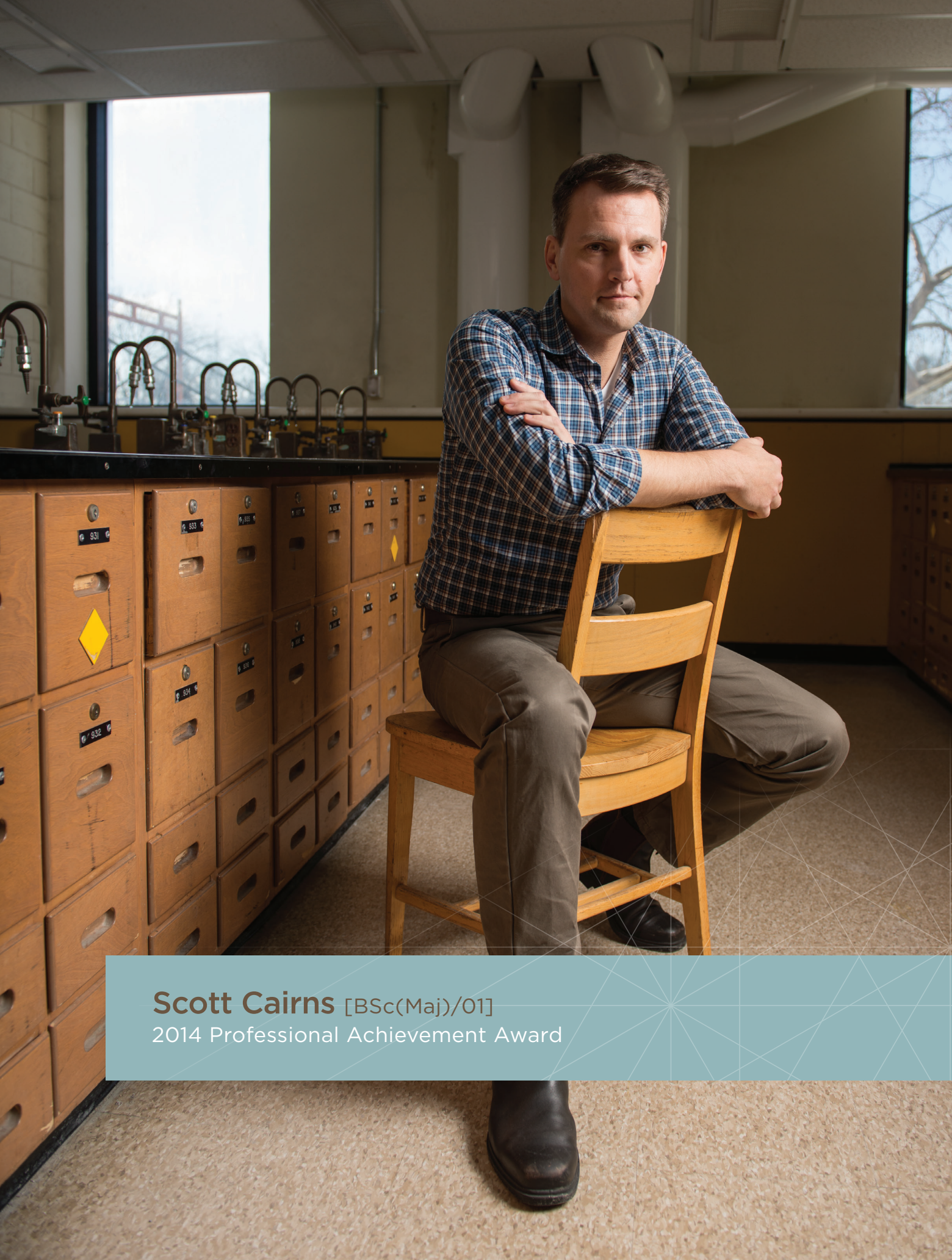
“Melanie's now the model for her family,” says Pham, proudly. “When you improve one person's life, that person has so much capacity to make a difference for other people who look up to them and follow after them.”





**Chau Pham** [BSc/00, MD/05, MBA/13]  
2014 Young Alumni Award





**Scott Cairns** [BSc(Maj)/01]  
2014 Professional Achievement Award



Last November\*, Scott Cairns revealed in sobering detail to *On Manitoba* the challenges he faced when confronted with the human consequence of a chemical attack in Syria, the worst the world had seen in 25 years.

Back in Winnipeg at the time, the chemistry grad attracted a flurry of attention and made special visits to the U of M and his old high school, John Taylor Collegiate, where he spoke to students.

As a team leader for the Organization for the Prohibition of Chemical Weapons (OPCW)—a United Nations-related arms-control organization—Cairns also described how surreal it was to win a Nobel Peace Prize while embedded in a hot zone of anything but harmony and goodwill towards man.

Then he was gone. Back to Syria, back to the new task at hand: disarming, then dismantling, a nationwide

time, however, it is guesswork to determine what sort of weapons program might have been developed in the interest of their national safety. Cairns says what he and his team of 20 inspectors are dealing with is “decades old”, with facilities and weapon caches dotting the country. Compounding their efforts is the fact that Syria continues to be at war.

Cairns says he’s learned a great deal about the need for diplomacy when dealing with the political, cultural and security considerations that affect his team’s work—“a slow and delicate process” is how he describes it—but he commends the Syrian people and their representatives for incredible cooperation at the ground level.

“It’s a great mix of contradictions and culture shock that’s somehow working,” says Cairns, who calls the Syrian workers helping them complete the mission, “some of the

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“You kind of forget that what you’re doing,  
in some cases, is part of history . . .  
our actions here are resonating around the world.”

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network of chemical weapons factories.

In a recent interview from Damascus, Cairns echoed the sentiments of one of his colleagues who observed how being at the centre of events attracting global interest, oddly enough, allows them to focus on their work, and not on the world’s reaction.

“When you’re at the centre, you sort of miss out on that sort of storm around you,” says Cairns. “You also kind of forget that what you’re doing, in some cases, is a part of history. Not to inflate what we’re doing by any means, simply [saying] that you have to remember that our actions here are resonating throughout the world. There’s a lot of focus on what we’re doing here.”

The magnitude of work Cairns is currently helping oversee is staggering. Countries must voluntarily join the United Nations’s Chemical Weapons Convention, which is overseen by the OPCW. Syria did in October of 2013, following the deadly August attack. Until such

hardest working people I’ve ever seen in my life.”

A positive working relationship is a boon, considering the aggressive timelines Cairns and his colleagues face. “I’m very anxious to get the chemicals out of the country by the end of April,” says Cairns. “And most likely by the end of the year conclude all the activities here related to the Joint UN-OPCW mission’s mandate.”

In spite of the risk he courts and the intensity of his work, Cairns speaks of his job in terms of excitement. He’s grateful for the opportunity he’s been given and hopeful he will inspire others to realize how far their education can take them.

“I never in my wildest dreams imagined I would have been here doing this,” says Cairns. “It’s not an insignificant leap from my degree to where I am. That’s an important message for others: that you can pretty much do whatever you want.”

\* *What the Watchdog Saw* (*On Manitoba*, Winter 2013)

Like a true engineer, John Bockstael loves to build. When he talks about the work his family-owned company, Bockstael Construction Ltd., thrives on it's clear he takes delight not only in the challenges a given job presents for his team but also the outcome.

"The wonderful thing about construction is that everything you do has some kind of tangible result in the end," says Bockstael.

Fortunately for the Faculty of Engineering, Bockstael's definition of "construction" is not limited to brick and mortar builds. Since the establishment of the Friends of Engineering ("Friends") in 2008—a group of industry leaders, most of them alumni, who share their expertise with the school—he's helped develop the next generation of engineering students in the province.

The seeds of Friends traces back to the late '90s, when many of its future members were enlisted to help with the Building on Strengths capital campaign that would yield, in 2005, the Engineering and Information

the faculty was shared. Inspired by the examples they'd seen in the Associates of the Asper School of Business and the Faculty of Architecture's Partners Program, Whitmore put forth a similar idea, which Bockstael seconded.

"For many of us it's all about seeing these kids succeed," says Bockstael, who is chair of Friends. "Seeing Manitoba's new arrivals, Manitoba residents, the kids of my neighbour, my nephews and nieces, having an opportunity to pursue a really good education right here at home, and having an opportunity to contribute to Manitoba's success."

The group fosters educational excellence through a variety of activities and support—from acting as advisors to the dean's office to funding student trips and competitions. Students, he says, have such an appetite for learning; sometimes all they need is help with the means to get them to their desired end. He cites one such example where Friends helped student Dario Schor [BSc(CompE)/08, MSc/13] attend the prestigious

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"For many of us it's about seeing these kids succeed . . .  
having an opportunity to pursue a really good  
education right here at home."

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Technology Complex (EITC for short). Walking through the sun-soaked atrium of the EITC, it's hard to imagine a time before this modern facility for student life and learning. "I graduated in 1980 and there were some wings of the building that hadn't changed a whole lot," recalls Bockstael.

With the campaign completed, Doug Ruth, then dean, invited businessmen like Bockstael to see the school and kept them up to date on what challenges still lay ahead. They'd brought a physical space up to par, but the needs of the faculty members and students would continue to outpace the resources available.

"A lot of us kept coming back; it raised concerns," says Bockstael.

Among the concerned was his colleague Don Whitmore [BSc(CE)/59, LLD/10], who originally pulled him in on the capital campaign. Bockstael recalls a dinner they were at, where much discussion around how to help

International Space University in Strasbourg, France.

"If you can help them take off in those different directions and bring that knowledge back here, we're doing everybody a service," says Bockstael.

At the same time, his experiences with Friends have taught Bockstael not to underestimate the power of his mentorship and advice. "You answer a question for a student about what may seem as matter-of-fact to you, because you're old," says Bockstael with a laugh. "That's new knowledge to some of these young people."

Bockstael grew up in construction—he jokingly refers to the construction yard as "his playground"—but he credits the five years he spent at Dominion Bridge, a one-time leading structural steel fabricator in Canada, with preparing him to eventually join his brothers at the family firm. It comes as little surprise then when he reveals one of his best pieces of advice for current engineering students: patience.

"There's no experience like the calendar," he says.





**John Bockstael** [BSc(CE)/80]

2014 Service to the U of M Award





**Bruce Miller** [BRS/99]  
2014 Community Leadership Award



Walking through St. John's College towards the Daily Bread Café, Bruce Miller smiles as he passes a wall of prints by Indigenous artists like the late Jackson Beardy. Back in the '90s, when Miller studied at the U of M, banks of lockers hid these works of art from view. He and a classmate requested that the lockers be removed; the university obliged.

Today, those paintings and drawings bring visual interest to an otherwise generic student space. They are beautiful celebrations of Indigenous culture and traditions for everyone on the university campus to share. And, as evidenced by Miller's grin, a proud example of how he's helped raise awareness and respect for the identity of Indigenous people in Canada.

"I believe what is different now from when I grew up is a stronger identity in the community for Aboriginal people," says Miller, who credits the work of the Truth and Reconciliation Commission for helping bring about this change.

that education and a good quality of life were directly connected, and that the true leaders in a community were those people who served the best interests of the community, and not simply their professions.

"For some Indigenous leaders, especially my age or older, despite that we were few and far between, there was almost like a sense of obligation to give back," says Miller. "Because we'd done something that, in the eyes of the community at that time, was unfortunately rare: to get a good education and to move on."

Miller's athletic talent helped propel him to a post-secondary education—he played varsity volleyball at Cambrian College and varsity badminton at Canadore College—and introduced him to a group of coaches who helped him discover his potential. The power of coaching, and the capacity for athletics to create positive impact, stayed with Miller when he arrived at the U of M to study in the Faculty of Kinesiology and Recreation Management. Miller channeled his experiences into his

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**"We have this opportunity, this unprecedented opportunity to work together on these shared common values. And I've figured out that it's really about understanding each other."**

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"I think there's less shame. And what I mean by that, I mean that we do know more about our history, we do know why we are who we are today, and what we need to do to be who we are tomorrow and in the future . . . I think that's really, really critical to one's identity. Especially in an urban area like Winnipeg."

Miller's own Indigenous heritage finds its roots in the Matachewan First Nation, Ont. of which he is a member. But Miller's upbringing and education—he's among the first generation of kids to not attend residential school—happened in the nearby municipality of Cochrane. There, he and his two brothers were raised by their mother, Josephine; Miller's father, Michael, died when he was a child. Though the community split fairly evenly between Indigenous, French and English, Miller says he was nevertheless among a small number of Aboriginal students in school; a distinction that would at times invite racism.

"I was often reminded of being an Aboriginal but not in a good way," recalls Miller. "But having said that, there was a lot of opportunity through education to do well. So, of course, I went with it and I'm quite fortunate."

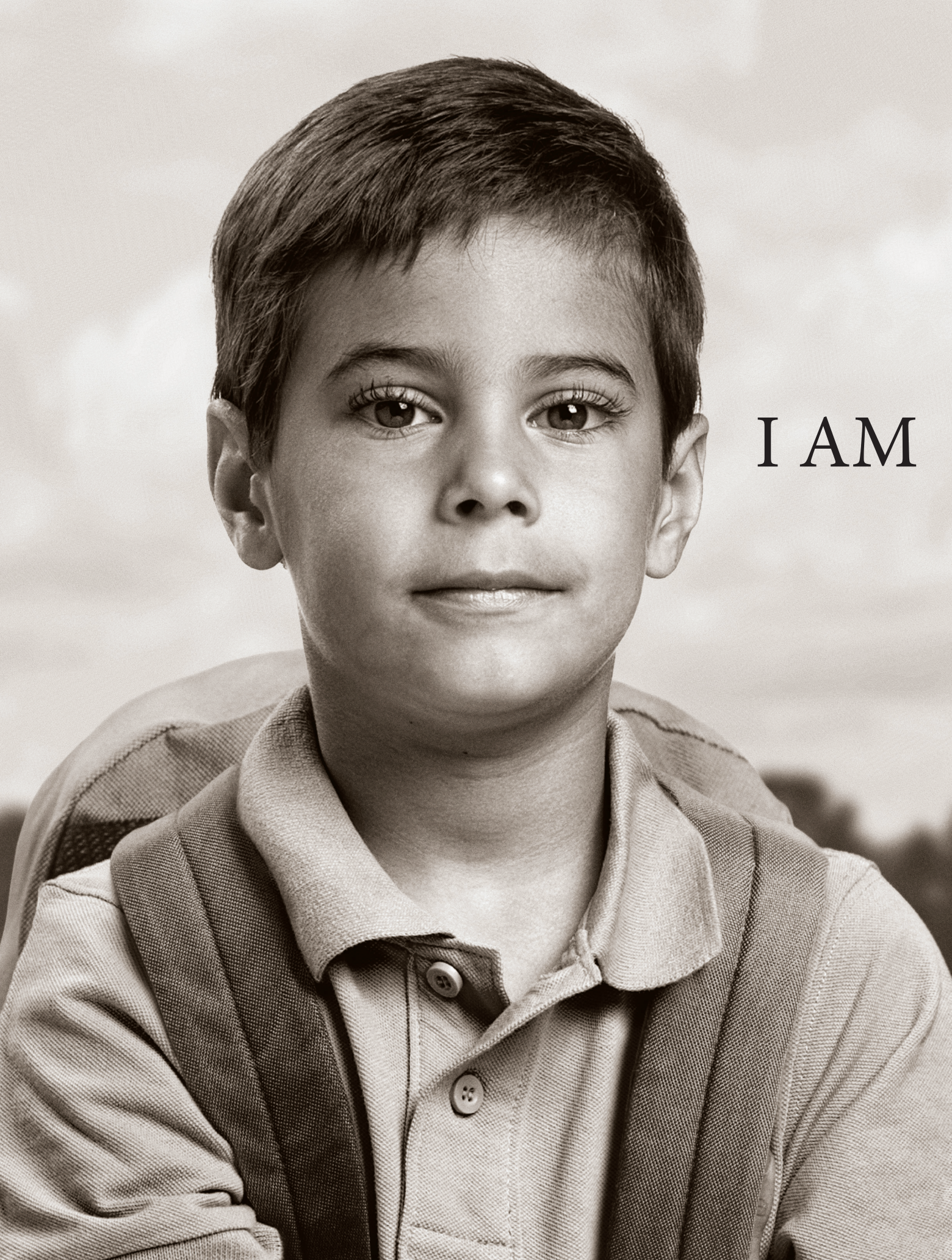
Combining his optimism and intelligence, Miller focused on the positive lessons from his childhood that he could apply to create his own success, namely,

role as an academic advisor to fellow Indigenous students; he also cast the spotlight on the importance of, and lack of access to, sport and athletic opportunities in Indigenous communities throughout Canada.

That desire to raise the profile of his community, and build relationships through awareness, understanding and respect continues to guide Miller's work in philanthropy and his role with the United Way of Winnipeg. He's coined the phrase, "the exquisite irony" to describe the lack of understanding that exists between Indigenous and non-Indigenous people when it comes to charitable opportunities, even though research has shown they share common goals and values: sharing, caring, giving and making a creative difference. Bridging that gap with Manitoba's largest growing urban population is crucial, says Miller.

"We have this opportunity, this unprecedented opportunity to work together on these shared common values," says Miller. "And I've figured out that it's really about understanding each other. Once we gain knowledge about each other there's an element of trust and understanding that are the pillars of relationship building. And that really guides me in my work. To really lower the barrier in exchange of ideas and thoughts. To demystify this exquisite irony."





I AM



# A PIONEER.

I was born to explore. My home. My yard.  
My land. But I want to do more than see  
this world. I want to know the details.  
I am inspired by the power of the land  
and what it gives us.

The researchers at the University of Manitoba  
share my interest. They are breaking new  
ground in agricultural science, and together  
with industry partners they are uncovering  
and examining the health benefits of crops  
grown on prairie land. Right now, they are  
exploring the potential of wheat, canola  
and other ingredients to improve our health.

These researchers are like me. This land fascinates  
them and they are driven to unlock its potential  
to provide for us. They know that what we  
eat plays a critical role in how well we live.

Feed your mind.

For more information about the University of Manitoba's  
groundbreaking researchers, visit

[umanitoba.ca/trailblazer](http://umanitoba.ca/trailblazer)



UNIVERSITY  
OF MANITOBA







# STAYING AFLOAT

Alumnus developed scholarship as a lasting tribute to his son, and an invaluable show of support to dozens of student rowers

BY SARAH RICHARDS

**When you're a full-time student and Olympic rower like Kevin Kowalyk, even plain old grocery bills can be a daunting expense—especially during Rowing Canada's men's team tryouts held every year in British Columbia.**

"When you're living in camp, you're typically consuming 7,500 to 9,000 calories a day and it has to be reasonable food," says Kowalyk, who spends considerable time in Victoria training with the national team each season.

In comparison, an active healthy man in his thirties should consume only 2,900 calories per day. It's not just any food, either; Kowalyk also has to be careful about what he's eating in a sport where power and weight matter for the events he competes in.

"It has to be good calories," says Kowalyk. "It has to have a decent portion of protein. On the weekend, I made a big batch of lasagna muffins with wontons from Safeway."

Grocery store bills are one reason winning this year's Peter Nykoluk Rowing Award was such great news to Kowalyk. He's using the money to help pay for food and textbooks, and he also bought some new running shoes.

"I've been a student and an athlete for a couple of years," says 33-year-old Kowalyk, who won the award last year as well. "I wish I had some kind of exciting purchase to flaunt but no, it's just keeping my head above water."

The Peter Nykoluk Award is for rowers like Kowalyk: full-time post-secondary students in Manitoba who make outstanding contributions and achievements in the sport of rowing. Started in 1995, the scholarship has provided financial assistance to 26 student athletes over the years. This year, Kowalyk is splitting the \$6,000 award with Ashleigh Milani, a third-year student in the Faculty of Kinesiology and Recreation Management.

The award is in memory of Peter Nykoluk, who attended Red River College but rowed with the University of Manitoba team. Nykoluk died in 1990 as he came to the rescue of his teammates who were involved in a car accident. The U of M crews had been travelling to a regatta in Minneapolis.

Jim Nykoluk [BSc(ME)/58], Peter's father and a master rower himself, says his family has continued to add capital to the endowment every year in order to increase the financial aid to deserving student athletes. The award amount has grown by more than 500 per cent since its initial amount of \$900 in 1995.

Jim remains involved with the Winnipeg Rowing Club since his son's passing, and actively follows Kowalyk's career.

"Kevin really represents a lot about what the scholarship is attempting to do: to help needy students who are competing at

a high level for their province or country at the same time as trying to obtain a university degree," says Nykoluk. "The demands are immense and a little bit of financial help sometimes makes a difference. Kevin is really a terrific guy and I've enjoyed seeing him develop over the years and become a fine young man."

Kowalyk started rowing when he was 25 as a way to stay fit without aggravating a prior concussion he'd received playing hockey. In 2007, he entered the Royal Canadian Henley Regatta, the top amateur rowing event in Canada, with the goal of one day making the finals in men's single sculls. He ended up taking first place and gaining the attention of Jeff Powell, a former national team rower who volunteered to coach him to the next level.

Kowalyk went on to win the event again in 2009, as well as compete at the 2011 World Championships in the men's coxless four and the 2011 World Rowing Cup in the coxless four and double sculls. At the 2012 Summer Olympics, he and partner Michael Braithwaite finished 12th in the men's double sculls event. He continues to race internationally.

He's been rowing on Canada's national team since 2011 and now hopes to qualify for the 2016 Summer Games in Rio de Janeiro. To succeed, he's been following a brutal training regimen.

When he's not in class studying civil engineering (Kowalyk is slated to graduate in 2015), his rowing schedule includes workouts at the Canadian Sport Centre Manitoba and intense three-hour stints with a rowing machine and weights. "None of the workouts are light and none of them are the way you want them—it's always push, push, push, push," says Kowalyk.

For a glimpse of Kowalyk's competitive mentality, there's this: faced with the task of rowing 300 strokes on a rowing machine, Kowalyk says every single stroke he takes involves maximum effort.

"I have to pull so hard that I can only imagine pulling 10 more strokes," explains Kowalyk. "And when I finish those 10 strokes, I just reset and tell myself 10 more. I lie, plainly lie to myself, that after the next 10 I can just quit. And then I repeat the cycle. It's every 30 seconds that I'm telling myself this."

Kowalyk plans to write his final exams in the spring and then make the annual drive out to Victoria to try out for this year's national team. Balancing engineering studies with his athletic career has not been easy, but Kowalyk still considers the experience a blessing.

"It's a dream come true," says Kowalyk. "It's even beyond my wildest dreams."





PHOTO: NIK THAVISONE





# INSIDE A HIDDEN WORLD

Award-winning documentary filmmaker James Swirsky [BComm(Hons)/00, MBA/05] casts the spotlight on the high-stakes world of independent video game developers

BY WENDY HELFENBAUM

## James Swirsky grew up obsessed with videogames.

"I was a Commodore 64/Sega Genesis kid, and games pretty much defined my life up until age 16, when I drifted away from them," recalls Swirsky, now 36.

After graduation in 2000, Swirsky landed what he thought was his dream job: testing games at Vancouver's Electronic Arts.

"It was the most depressing job: You have to play for eight hours a day, and every time you find a bug, which is often, you have to write a three-page report," he says. "That completely killed my love for games, and I didn't touch [them] again until I discovered indie games nine years later."

By this time, Swirsky had moved on from his stint as a game-tester, earned his MBA, and formed a commercial production company in Winnipeg: Blink Works (blink-works.com). But the mystery surrounding games created by independent developers proved irresistible to Swirsky, and soon he was transported back to his childhood.

"They reminded me of when I was a kid, popping in early Nintendo 64 games; you'd know very little going in—the rules weren't really defined, and you could feel a sense of authorship to it," he explains. "With indie games, I got that feeling again—that sense of discovery of someone new who was also trying to tell you something about themselves through their game."

When Swirsky and his creative partner Lianne Pajot, a former CBC journalist, were commissioned by New Media Manitoba to do a short video profile of local game developer Alec Holowka, they figured they'd complete the five-minute feature and move on. Instead, they became fascinated with the idea that games expressed something much more personal. Once Swirsky and Pajot realized that no one had yet made a film showcasing the underdog game developers, they knew they had a winning idea—*Indie Game: The Movie*.

In 2010, they began exploring the inner world of independent video game creators, meeting dozens through Holowka at trade shows in San Francisco. Each outlined how emotionally draining yet exhilarating the creative process was. In May of that year, after three days of shooting, they put together a short trailer, posted it online and launched a Kickstarter campaign to fund production. They were hoping to scrape together \$12,000 within two months. They raised it in two days.

"Kickstarter was only six months old at the time, so it was actually unprecedented to fund a film that way," recalls Swirsky. "When you do a Kickstarter campaign, your phone buzzes every time you get a donation. Our phone kept buzzing for 48 hours.

We didn't expect that reaction. We knew we were tapping into something, and it felt amazing."

A second Kickstarter campaign raised that total to about \$93,000. "It was this huge overwhelming, 'Yes! Please make this movie!' from the Internet that gave us the inspiration to push us through the next three years."

Swirsky and Pajot started with a list of about 30 different developers, and ultimately chose to follow four. Ironically, their journey as filmmakers eerily mirrored the stories they were following, as the game developers tirelessly toiled away on labour-of-love projects with no guarantee of success.

"It became as if we were living the movie—like we were filming ourselves in the future," explains Swirsky, who along with Pajot, directed, produced, shot, edited and distributed the documentary.

"We'd film [game developers] having some kind of breakdown, and five months later, we'd have the same kind of breakdown, with the exact same types of issues. The parallels were very interesting, because *Indie Game* is really about people making art, pouring their hearts into something and putting it out there, which is what we did with our movie."

In fact, Swirsky and Pajot hoped their 96-minute feature documentary—which focuses on the making of the mega-successful games *Super Meat Boy*, *FEZ* and *Braid*—would appeal to gamers and non-gamers alike.

Once the film's rough-cut was assembled, Swirsky and Pajot reached out to Toronto musician Jim Guthrie to compose the score, expecting him to politely refuse. Guthrie loved the film, however, and delivered the quirky soundtrack six weeks later.

*Indie Game's* release was as innovative as its featured gamers and developers. Swirsky and Pajot were sipping coffee at Starbucks when they learned their film would premiere at the Sundance Film Festival in January 2012. Two weeks before Sundance, producer Scott Rudin (*The Social Network*) optioned *Indie Game*, for a potential fictional television series on HBO.

"That was very weird and surreal, because they contacted us after seeing the trailer on a website," recalls Swirsky. "They were excited to lock up the rights before the festival. It worked out great for us, because we went into Sundance with a little bit of buzz that came from outside of the festival."

After *Indie Game* won Sundance's Best Editing Award in World Documentary Cinema, Swirsky and Pajot organized a three-month, 15-city theatrical tour in the U.S., prior to the film's theatrical release in New York. One month later, *Indie Game*

CONTINUED ON PAGE 35





"I feel like all of Canada was supporting us and it's great to feel like we're sharing [the victory] with Canada and Winnipeg."



# GOLDEN MOMENT

BY SARAH RICHARDS

It—you know, that round, shiny, four-inch disc otherwise known as an Olympic gold medal—isn't sitting behind glass or tucked away in a bank safe. Not yet, anyway.

No, the gold medal for which Jennifer Jones [BA/96, LLB/99] missed all those life moments—the birthdays, goofy nights out with friends, 15 consecutive Thanksgivings at home or simple quiet time alone—happens, on this morning, to be sitting in her purse.

"Everybody wants to see it," says Jones from her home in Winnipeg. "I feel like all of Canada was supporting us and it's great to feel like we're sharing it with Canada and Winnipeg."

Jones had only been home a few days since her astounding victory in Sochi, Russia when she picked up the phone to speak with *On Manitoba*. After blowing through the Americans, Koreans and Brits, Team Jones knocked out the formidable Swedes 6 to 3 in the final.

"I honestly believe it was the toughest field to ever be assembled for women's curling," reflects Jones. "We knew we were going to have to play at our very best to beat them and we did."

It's been an intense few years for Jones, who tore her anterior cruciate ligament in 2012 and had to undergo surgery and rehabilitation before returning to the ice. In December, Jones and her team qualified to represent Canada at the Olympics for the first time. It was a culmination of years of work, from way back when Jones first juggled curling, high school and a job.

Jones and teammates Dawn McEwen, Jill Officer, Kaitlyn Lawes and Kirsten Wall arrived three days before the opening ceremonies on Feb. 7. The team shared a three-bedroom apartment in the complex where other Canadian athletes were staying.

"Our balcony looked over the Black Sea and we could see dolphins jumping," says Jones. "We could

look at the torch from our other balcony. It was an all-around amazing experience."

When the women weren't practicing or competing, they took time to watch and cheer on other Canadian athletes. Jones's parents, and partner, curler Brent Laing, also made the trip to Sochi, but 15-month-old daughter Isabella stayed with relatives in Ontario.

"Obviously I missed her like crazy, but I always said that if I was going to be away from her, I wanted it to be for a great reason," says Jones. "And I wanted to tell her when she'd be able to understand later in life that I enjoyed every moment. I'm hoping one day she looks up to that and it's an inspiration to her."

Jones, who video conferenced with Isabella every day, says the distance between her and her daughter was not a distraction during the Olympics. Perhaps that's no surprise for someone as focused as she is; Jones considers athletics to be as much a mental game as a physical one. The latter is one of the reasons she's worked with Cal Botterill [BPE/68], a Winnipeg sports psychologist, for roughly a decade.

"You have to go in there with a clear mind," says Jones. "To not be afraid to lose, to want to win."

That steely win against Sweden made Jones's squad the first women's team ever to blow through an Olympics with nary a loss.

So what's next?

For one thing, Jones is hoping to build a career in motivational speaking. There are also marketing opportunities to respond to. And of course, that other important career she has as senior legal advisor for National Bank Financial. Jones has been on extended maternity leave since her daughter was born, and starts her day job again in May.

As for Team Jones, the women have agreed to set aside discussions of their future plans until the end of the year. Until then, Jones will likely spend some of that time reliving the view from the Olympic podium.





## RENOWNED GENETICIST INDUCTED INTO CANADIAN MEDICAL HALL OF FAME

BY WENDY HELFENBAUM

“I didn’t choose Duchenne muscular dystrophy [DMD] research—it chose me,” explains Ronald Worton [BSc/64, MSc/65]. The renowned medical geneticist was recently inducted into the Canadian Medical Hall of Fame in recognition of his exemplary career, which includes the groundbreaking discovery of the gene that causes DMD, a fatal muscle wasting disease.

In the late 1970s, Worton was working at Toronto’s Hospital for Sick Children (SickKids). His lab, which focused on genetics and cells, was also studying chromosome defects. While the work was interesting, he felt it didn’t have any immediate relevance to children’s health.

Enter Dr. Christine Verellen, a young pediatrician from Belgium who came to work with Worton’s team. “She had a female patient with muscular dystrophy—which is relatively rare for females—and when she told me the girl’s chromosomes were rearranged, we realized that maybe the gene that causes muscular dystrophy was at the point of rearrangement in the chromosomes: that rearrangement broke through the gene and destroyed it.”

In 1986, Worton’s team made history by discovering that Duchenne and Becker muscular dystrophy—originally thought to be separate diseases—were caused by different mutations in the same gene. Two years later, they uncovered the protein made by the gene, dystrophin. The team also helped identify female carriers at risk for having an affected son, leading to the first prenatal diagnosis of DMD, which took place at SickKids. All of this revolutionary work, which included the development of diagnostic tools that have reduced the incidence of DMD to a third of its original incidence, led to a better understanding of the disease.

“This was one of the few times in science when a discovery was absolute: there was no question that this gene caused muscular dystrophy, and that dystrophin was the protein made by the gene,” says Worton. “It became crystal-clear that kids with DMD have a mutation of the gene that eliminates the production of dystrophin, so their muscle cells become vulnerable to breakage and disintegration; they just basically lose all of their muscle.”



Worton was delighted that his former colleague and fellow U of M graduate David H. MacLennan [BSA/59] had nominated him for the CMHF honour. “I’ve known David for a long time, and have a huge respect for him,” he says.

As one of Canada’s most esteemed biomedical scientists and a 2013 CMHF laureate for his discovery of the major causal gene for malignant hyperthermia (MH), a toxic reaction to anesthesia, MacLennan’s team also developed diagnostic tools that have saved lives by identifying susceptible individuals.

“Ron and I collaborated on the discovery of the malignant hyperthermia gene. As a biochemist, I had cloned the RyR1 gene and wanted to link it to MH. As a geneticist, Ron knew how to link the gene with family histories of MH and we published this linkage together,” explains MacLennan.

After graduating from the U of M, Worton obtained his PhD in biophysics from the University of Toronto in 1969, and did a two-year postdoctoral study at Yale. After 25 years at SickKids, he moved to Ottawa in 1996 to become the first CEO and scientific director of the Ottawa Hospital Research Institute, which soon became one of the nation’s most respected health research centres.

“It was a wonderful opportunity to start a research enterprise from scratch,” recalls Worton. “What links my two proudest achievements and makes them both important to me is that in

1999, we built a stem cell centre that today is one of the top three research centres in the country, and the only one that focuses on muscle. If the cure for MD is to come from anything to do with stem cells, it will almost certainly be found in that centre.”

Worton adds that the permanent nature of the CMHF makes it different than other recognition he has received.

“Your picture, biography and video go up on their website and people will see it forever, which is important not so much for the individual name that’s attached to that description—people in the future might not know or care who I am—but they might care a lot about how the muscular dystrophy gene was discovered, the fact that it was discovered in Canada and that it had a big impact in the field,” he says. “That’s what pleases me the most.”

In 1994, Worton was named an Officer of the Order of Canada. That distinction introduced him to an entirely non-scientific pursuit: surrogate citizenship judge. Worton has officiated at 10 citizenship ceremonies, speaking to 500 new Canadians.

“It’s fun. Before the ceremony, there’s a welcoming speech and we talk about the importance of citizenship and what it means to the individual. I talk about my role as a scientist, and I give examples of people who have become Canadian citizens and gone on to become Officers of Order of Canada.”

## A DECORATED CAREER

Before retiring in 2007, Worton served on the boards of many organizations, including the Canadian College of Medical Geneticists, the International Human Genome Organization, and the American Society of Human Genetics. His awards and honours span science and medicine and include: Fellow of the Royal Society of Canada (1990), and recipient of their Centenary Medal (1989); Honorary Fellow of the Royal College of Physicians and Surgeons of Canada (2003); recipient of the Gairdner Foundation International Award (1989) as well as the Award of Distinction from the Muscular Dystrophy Association of Canada (1989).

### SWIRSKY CONTINUED FROM PAGE 31

was released online on iTunes and through the film’s website (indiegamethemovie.com). It was the first feature film to be offered on Steam, an online video game retailer. In October, the film made its Netflix premiere.

“The crazy thing is, because we ended up doing self-distribution, we found all these other lives and markets for the film,” says Swirsky. “We didn’t realize how time-consuming (the whole process) would be—in 2012 and 2013, it took up every bit of our time—or how rich the life of the film would be afterwards. We thought it would be a gradual drop-off, and it’s actually been a gradual climb.”

*Indie Game* has screened in more than 50 different countries, and still sells briskly through its website.

“I think the gaming space is rich with potential. HBO has since renewed their option, and we’re super-excited to see what

happens,” says Swirsky. “This experience has been so far beyond what we planned for this documentary. It’s like an embarrassment of riches.”

Swirsky and Pajot hope to start shooting a new film later this year. They also hope to use the lessons learned during *Indie Game* to produce other projects and help filmmakers launch their movies. In mid-March, they presented a case study about *Indie Game* at Austin’s South by Southwest conference to close the chapter on their groundbreaking film.

One message Swirsky has for emerging filmmakers: don’t wait for things to be perfect before pursuing a great idea.

“If we had done that with *Indie Game*, we would’ve started it a year too late and missed the story,” he says. “You can always make things better after the fact, but you’ll miss opportunities, or someone else will take those opportunities.”



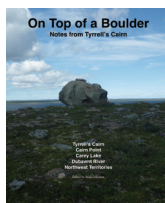
# ACCOMPLISHMENTS

We welcome your news and photographs. Images MUST BE 300 dpi and in jpeg or tiff format. E-mail [jeremy\\_brooks@umanitoba.ca](mailto:jeremy_brooks@umanitoba.ca). Deadline for our Fall 2014 issue is June 3.

**Gray, Derek** [MSc/65, PhD/68] was the 2013 recipient of the prestigious Marcus Wallenberg Prize. The honour, which was presented to Gray by King Carl XVI Gustaf of Sweden, recognizes research relevant to the forestry industry. Gray is currently professor emeritus in the department of chemistry at McGill University where he heads a research group whose investigations focus on: the preparation and properties of cellulose nanocrystals; the surface properties of cellulose and paper; and the liquid crystalline properties of cellulose-derived materials.

**Hrytsak, Roman** [BSA/67, MSc/70] has been a hobbyist wood carver for more than 20 years. In that time, his creations have evolved from duck decoys and songbirds to a unique method of carving stylized wooden boats and shoes. Today, Hrytsak teaches carving classes to the public in Calgary, and he recently wrote a do-it-yourself carving guide for power carvers—*Power Carving Boat & Shoes*—that is slated for publication in June. For more information on Hrytsak's work, visit [lumberjocks.com/detoro](http://lumberjocks.com/detoro).

**Romanowski, Ron** [ExtEd/89] is an avant-garde Winnipeg writer who recently published his fifth poetry collection, *Incantations from the Republic of Fire*. His first book of poetry, *Sweet Talking*, was published in 2004. Romanowski's work has appeared in journals and in numerous anthologies and his poetry has been read on national CBC Radio. Romanowski continues to work with, among many other cutting-edge themes, definitions of authorship and identity in his latest collection.



**Johnston, Brian** [BSc/89, BEd/91] self-published his first book, a work of non-fiction, *On Top of a Boulder: Notes from Tyrrell's Cairn*. The book documents the voices of those who visited the subarctic cairn at Carey Lake on the Dubawnt River in Canada's Northwest Territories. J. B. Tyrrell, of the Geological Survey of Canada, built the cairn in 1893. If you have a liking for canoes or share a kinship in an unbounded land then *On Top of a Boulder* is awaiting your exploration. Books are available by contacting [Brian@JohnstonPursuits.ca](mailto:Brian@JohnstonPursuits.ca).

**Holden, Paul** [BA(Hons)/92, MNRM/00] was recently named president and CEO of Winnipeg Technical College. Holden has more than two decades of experience working with the provincial government, most recently as senior executive director of industry workforce development. Holden has also served on the board of directors of Cambrian Credit Union since 1996, currently as chair.

**Bosiak, David** [BPE/82, BRS/83, MBA/96] recently published his first book, *If You Don't Look After Your Body, Where Are You Going To Live*, available through McNally Robinson Booksellers. The book includes insights, articles and anecdotes from nearly 30 years working in the fitness industry. Bosiak was also recognized as the 2013 recipient of the Prairie Crocus Award from Recreation Connections Manitoba and was also the Manitoba Fitness Association Instructor of the Year in 2013.



**Meisner, Averie** [BA/04, BEd/06] and Eklund, Scott [BSc(ME)/07] had their first child—Kate Meisner Eklund—on Dec.

12, 2013. The couple met at the University of Manitoba and in July of 2008 got married in the Engineering atrium (EITC complex).

**Simner, Patricia** [BSc(Maj)/06, PhD/11] is now a certified diplomate of the American Board of Medical Microbiology.

**Hunter, Diane** [BEd/89, Post Bacc/93] is pleased to announce her second and third titles in a series of jazz piano books for intermediate students. *More Buzz the Keys* and *Christmas Buzz* are published by Debra Wanless Music. For more information please visit [debrawanless.ca](http://debrawanless.ca) or [diane.hunter@music.ca](mailto:diane.hunter@music.ca)



**Christmas, Bob** [MPA/09] recently published the book: *Canadian Policing in the 21st Century: A Frontline Officer on Challenges and Changes*. Christmas, who is a current PhD student in the U of M's Peace and Conflict studies program, is also staff sergeant with the Winnipeg Police Service.



Vancouver-based painter's creations, including the piece featured here—Gulf of Georgia Cannery—are available for viewing on his website [lenshaneart.com](http://lenshaneart.com).

**Shane, Leonard** [CertEd/66, BA/68] retired from a career in teaching and today indulges his passion for art. The



**Meadwell, Kenneth** [BA(Hons)/78, PhD/86] was recently named Knight in the Order of Academic Palms of the Republic of France (Chevalier dans l'Ordre des Palmes Académiques

de la République française) by decree of the Prime Minister of France. Meadwell, who was a professor of French studies at the University of Manitoba until his retirement last September, was named Knight in honour of his exceptional and longstanding contribution to the promotion of French language, literature and culture. Created by Emperor Napoleon Bonaparte in 1808, the Order of Academic Palms is France's oldest civic decoration and honours eminent members of the university.



**London, Steven** [BA(Hons)/92, LLB/96] recently published the first in a series of comic book-inspired chapter books—*The Inconceivable Adventures of Cabbage Boy*—for kids ages eight to 11. The book is available at McNally Robinson

Booksellers, as well as online through Chapters and Amazon. Visit [cabbageboy.com](http://cabbageboy.com) for more information.

**Ravindran, Ravi** [MSc/70, PhD/82] was recently elected president of ASM International.

## FIND A FRIEND

Alumni Relations is pleased to help graduates reconnect with former friends and classmates. Complete the form at: [umanitoba.ca/people/alumni/find\\_a\\_friend.html](http://umanitoba.ca/people/alumni/find_a_friend.html)



# IN MEMORIAM

The Alumni Association Inc. of the University of Manitoba extends their condolences to the family and friends of the following alumni:

## 1930-39

**Billinkoff, Leona Ruth** [BA/39, CertEd/61]  
Jan. 30, 2014

**Elliott (Hooper), Grace V.** [BA/38]  
Jan. 7, 2014

**Irwin, Laura Florence** [BScHEC/39,  
DipSW/40] Jan. 9, 2014

**Kummen, Evangeline** [BA/38] Oct. 19, 2013

**Monnin, Hon. Alfred Maurice**  
[BA(LatPh)/39, LLB/46, LLD/79] Nov. 29, 2013

**Purdie, Dr. Francis J. E.** [BSc/39, MD/44]  
Dec. 26, 2013

**Waldie, William G.** [BA/39] Nov. 27, 2013

## 1940-49

**Abel, M. K.** [BSc/48] Oct. 26, 2013

**Bjarnason, Carl** [BA/48, MEd/64]  
Jan. 30, 2014

**Campbell, Dr. A. Lorne** [LLB/47, LLD/77]  
Jan. 15, 2014

**Duff, James F.K.** [BSc(Hons)/43, DipEd/46]  
Dec. 1, 2013

**Edwards, Nora** [BA/47] Dec. 12, 2013

**Fink, Manuel** [BA/47] Oct. 3, 2013

**Graydon (McAskill), Isabel Margaret**  
[DipID/47] Oct. 7, 2013

**Harman, Margaret I.** [BHEC/49]  
Nov. 27, 2013

**Jamieson, Margaret C.** [BScHEC/48]  
Dec. 27, 2013

**Kay, James F.** [BComm/42] Dec. 8, 2013

**Magee, Dr. Donald R.** [MD/49]  
Dec. 20, 2013

**McClelland, R. George** [BSA/45]  
Jan. 29, 2014

**Mehmel, Rudy E.** [BSc/49, BEd/50]  
Dec. 14, 2013

**Roberts, William J.** [DipAgric/47]  
Oct. 9, 2013

**Rosenfeld, Florence** [LLB/45] Jan. 14, 2014

**Sierens, Laurent R.** [DipAgric/48]  
Dec. 17, 2013

**Sissons (Rutherford), Nancy Ruth**  
[BScHEC/45] Jan. 9, 2014

**Speers, Dr. Edward A.** [BA/44, PhD/93]  
Nov. 3, 2013

**Speers, John J.** [BComm(Hons)/47]  
Jan. 29, 2014

**Stone, Lorna D.** [BA/41] Nov. 21, 2013

**Storey, Taras Philip** [BSc/43] Dec. 27, 2013

**Stuart, Thomas R.** [BSc(CE)/48]  
Dec. 8, 2013

**Vandersteen, Bertha Alida** [BA/44, BEd/48,  
MEd/52] Dec. 7, 2013

**Vogel, Nora M.** [BHEC/42] Dec. 25, 2013

**Volkers, Barend (Barry)** [BSA/49]  
Feb. 3, 2014

**Yole, Eileen M.** [DipID/48, BID/49]  
Jan. 31, 2014

## 1950-59

**Alexander, Gerald M.** [BA/50] Oct. 17, 2013

**Barry, Bernard L.** [BSc(CE)/52]  
Dec. 20, 2013

**Beatson, George** [BComm/50] June 26, 2013

**Berry, John T.** [BSc(ME)/50] Oct. 17, 2013

**Bobey, Nestor** [BSc(CE)/54] Nov. 19, 2013

**Burns, Dr. Charles Mackay** [MD/51]  
Dec. 9, 2013

**Clark, John Eliot** [BA(Hons)/54] Jan. 27, 2014

**de Forest, Claude Pierre** [BArch/55]  
Dec. 30, 2013

**De Jersey, Harold R.** [BA/51, BPed/52, BEd/57,  
MEd/62] Oct. 11, 2013

**Dobrowolski (Klymbiw), Natalie**  
[BA/59, BA(Hons)/60] Nov. 7, 2013

**Einarson, Ronald A.** [BSc(Pharm)/50]  
Jan. 22, 2014

**Fainman, Dr. Jack** [MD/54] March 2014

**Fulton, Dr. E. Margaret F. (Margaret)**  
[BA/55] Jan. 22, 2014

**Furuya, Hironori** [BSc(CE)/50] Oct. 25, 2013

**Goodman, Hon. Mr. Justice Gilbert  
Raymond G.** [BA/56, LLB/60] Oct. 29, 2013

**Gray, David C.** [BSA/50] Nov. 5, 2013

**Gunn, Frances E.** [BScHEC/53] Feb. 3, 2014

**Hunter, Jean** [CertNurs(T&S)/59]  
Nov. 9, 2013

**Kelm, Arthur** [CA/54] Jan. 12, 2014

**Maccoomb, Dr. Richard K.**  
[MD/57, MSc/61, DipSurg/62] Nov. 21, 2013

**McDevitt, Daniel John** [BA/54]  
Oct. 15, 2013

**McDonald, Dr. Ian M.** [MD/53]  
Nov. 25, 2013

**McKay, Donald Alfred** [BSc(EE)/50]  
Dec. 22, 2013

**McLachlan, Rev. Jack** [BA/57]  
Dec. 25, 2013

**McLean, Donald F.** [BSA/50] Dec. 7, 2013

**Miller, Claire W.** [BComm/51] Oct. 8, 2013

**Morry, Manuel** [BSc(Pharm)/53]  
Dec. 20, 2013

**Oliver, Laura May** [BA/59, BEd/63]  
Jan. 23, 2014

**Pressey, Dr. Russell** [BSc(Hons)/58, MSc/60]  
Nov. 19, 2013

**Reid, Dr. Ian L.** [MD/56, DipSurg/60]  
Jan. 12, 2014

**Rohatynski, Stanley** [CA/50] Oct. 21, 2013

**Settle, Colon C.** [BA/54, LLB/59]  
Oct. 16, 2013

**Shnider, Dr. Maurice** [MD/51]  
Nov. 3, 2013

**Sirett, Dr. Morley A.** [MD/52] Nov. 7, 2013

**Smith, Elizabeth A.** [BScHEC/52]  
Dec. 11, 2013

**Sutton, Robert J.** [BA/58, BEd/63]  
Nov. 14, 2013

**Sweeney, Gerald Anthony Stephen**  
[BSc(EE)/52] Nov. 12, 2013

**Toews, Ida H.** [BA/59, BEd/66] Jan. 11, 2014

**Wardrop, Dennis H.** [BSc/54] Nov. 6, 2013

**Wayne (Katchinoski), Phyllis S.**  
[CertNurs(T&S)/53, BN/70] Jan. 2, 2014

**Weinstein, Leonard** [BA(Hons)/51]  
Dec. 13, 2013

## 1960-69

**Bernacki, Bernard S.** [BA/69]  
Dec. 25, 2013

**Bleeks, Philip C.** [BA/61, Cert Ed/62, BEd/64,  
MEd/67] Nov. 9, 2013



**Bryant, Richard (Dick)** [CertBusM/69]  
Oct. 17, 2013

**Dobrowolski, Alexander** [LLB/62]  
Oct. 25, 2013

**Duncan (Biberdorf), Carol I.**  
[CertNurs(T&S)/64] Dec. 20, 2013

**Famega, Raymond Nicholas** [BA/67]  
Nov. 2, 2013

**Gill, Homer W.** [BA/66] Jan. 10, 2014

**Gitt, Manfred W.** [BArch/62] Oct. 28, 2013

**Hnybida, Isadore M. (Izzy)** [BSc/63]  
Nov. 14, 2013

**Johnston, Gail J.** [Cert Ed/65, BEd/68]  
Oct. 9, 2013

**Krahn, Ernie B.** [CA/67] Feb. 2, 2014

**Kurchaba, Louis** [BA/67] Oct. 24, 2013

**Lavery, Raymond Hamilton** [BA/60,  
Cert Ed/61, BEd/63, MEd/83] Dec. 11, 2013

**Liivamagi, Peeter** [BSc(CE)/69]  
Jan. 30, 2014

**Lindsay, Dr. Peter K.**  
[BSc/65, MD/69] Dec. 17, 2013

**Lopuck, Raymond A R**  
[BA/61, BSW/63, MSW/65] Nov. 13, 2013

**Lyons, Jared G. (Jerry)**  
[BA/64, BSW/66, MSW/67] Nov. 2, 2013

**MacLeod, Christine M.** [BSc(Pharm)/62]  
Dec. 1, 2013

**Metrycki, John Z.** [BSc(EE)/68, CertBusM/73]  
Nov. 16, 2013

**Paul, Dr. Gerald M.** [MD/65, BSc(Med)/65]  
Oct. 25, 2013

**Rankin, W. Keith** [BArch/67] Jan. 19, 2014

**Reed, The Very Rev. Allan R.** [BA/67]  
Oct. 19, 2013

**Schroeder, William** [BA/66, BEd/71]  
Dec. 11, 2013

**Schrofel, Dennis H.**  
[BA/63, Cert Ed/67, BEd/69] Nov. 4, 2013

**Scott, Carolyn** [BA/62] Jan. 20, 2014

**Touchette, Louis J. J. M.**  
[BA(LatPh)/66, Cert Ed/70] Oct. 6, 2013

**Turenne (Pelland), Pat Marie** [BA(LatPh)/64,  
Cert Ed/66, CertTrad/86] Oct. 7, 2013

**Verrall, Richard Allan** [BSc(Hons)/69]  
Nov. 14, 2013

## 1970-79

**Ciszewski, Leonard David** [DipAgric/72]  
Dec. 15, 2013

**Cowie, Geraldine H.** [BA/77, MA/85]  
Dec. 1, 2013

**Crocker, Kathleen Sylvia**  
[Cert Ed/75, BEd/77] Jan. 12, 2014

**Current, Marion E. M.** [BPT/71]  
Nov. 18, 2013

**Desrochers, Lily Evelyn** [BA/75, BEd/78]  
Dec. 8, 2013

**Doroshuk, Rose** [BPed/73] Jan. 28, 2014

**Ducharme, Albert Louis** [BA/79]  
Dec. 19, 2013

**Eyolfson, Gunnsteinn Marvin** [BSc(EE)/70]  
Jan. 16, 2014

**Geddes, Margaret E. (Betty)** [BA/74, BEd/76]  
Oct. 5, 2013

**Hildahl, Dr. Craig R.** [BSc/72, MD/78]  
Jan. 30, 2014

**Ingaldson, Murray C.** [BA/70] Jan. 18, 2014

**Israel, Dr. David Alan** [MD/77, BSc(Med)/77]  
Jan. 23, 2014

**Jamieson (Wheeler), Thelma M.** [BEd/79]  
Jan. 8, 2014

**Jefferson, John Robert** [BEd/72, MEd/82]  
Dec. 25, 2013

**Kasdorf, Betty Erna** [BHEC/78]  
Dec. 11, 2013

**Mabindisa, Isaac Kholisile** [MEd/77]  
Nov. 2, 2013

**Martens, Edward N.** [BSA/71] Oct. 18, 2013

**May, William Lawrence** [BA/75, Cert Ed/76]  
Nov. 23, 2013

**McGuinness (Davidson), Shirley L.**  
[BHEC/75] Oct. 23, 2013

**Mickelson, Barry K.** [BA/76] Oct. 31, 2013

**Moore, Ruth I.** [BA/76, BEd/76] Jan. 9, 2014

**Morrison, James D.** [BSc/72, MSc/74,  
MBA/76] Jan. 3, 2014

**Quinlan, Barbara** [Cert Ed/78] Jan. 2, 2014

**Richardson, Allan J.** [BA/70, Cert Ed/71]  
Jan. 21, 2014

**Sherman, Sergei Laurence** [BEd/73]  
Dec. 14, 2013

**Singer, Dr. David Leon** [DipPerio/73, PhD/73]  
Jan. 4, 2014

**Storjord, Sheila Joan** [BPed/77]  
Dec. 17, 2013

**Tracy, Brian Calvin Paul** [BSc(ME)/77]  
Jan. 6, 2014

**Vigier, Claude Marc Gabriel** [BPE/78,  
Cert Ed/79, MEd/89] Jan. 29, 2014

**Walters, Edward P. (Pat)** [BA/76]  
Nov. 15, 2013

## 1980-89

**Bright (Hyde), Karen Elizabeth** [BA/88]  
Jan. 10, 2014

**Browne, W. Douglas** [LLB/81]  
Dec. 2, 2013

**Buchanan, Gordon Lindsay** [BSc(Hons)/82]  
Oct. 29, 2013

**Hueging, Paul John** [BSA/87] Nov. 8, 2013

**Lismer, John Joseph** [BES/85, MArch/92]  
Jan. 13, 2014

**Litz, Reginald Albert** [BComm(Hons)/81]  
Dec. 23, 2013

**Oster, Patricia Joan** [BEd/81, PB CertEd/94]  
Dec. 12, 2013

**Paisley (Peitsch), Maureen E.** [BA/80, Cert  
Ed/81, ExtEd/97, ExtEd/02] Jan. 25, 2014

**Pybus (Blackwell), Vera Jean** [MA/85]  
Jan. 8, 2014

**Rentz, Gregory Alan** [BComm(Hons)/86]  
Oct. 23, 2013

**Sawatzky, Carole L.** [BMR OT/88]  
Jan. 21, 2014

**Weir, Jo-Anne** [BPE/80, MEd/08]  
Oct. 30, 2013

**Wisneski (Slobodian), Lynelle Joy** [BA/89]  
Jan. 5, 2014

## 1990-99

**Belo, Robert Silva** [BSc(Hons)/90]  
Nov. 11, 2013

**Block, Dr. Alvina Florence** [MA/98, PhD/06]  
Dec. 27, 2013

**Borys, Myron** [BComm(Hons)/92]  
Nov. 20, 2013

**Croll, D. Andrew** [BA/94] Oct. 21, 2013

**Fejes (Gabor), Judith Susan** [BHECOL/90]  
Nov. 5, 2013

**Kushniryk, Donald William** [BCSc(Hons)/91]  
Oct. 28, 2013

**Peterson, Robert** [ExtEd/98]  
Nov. 27, 2013

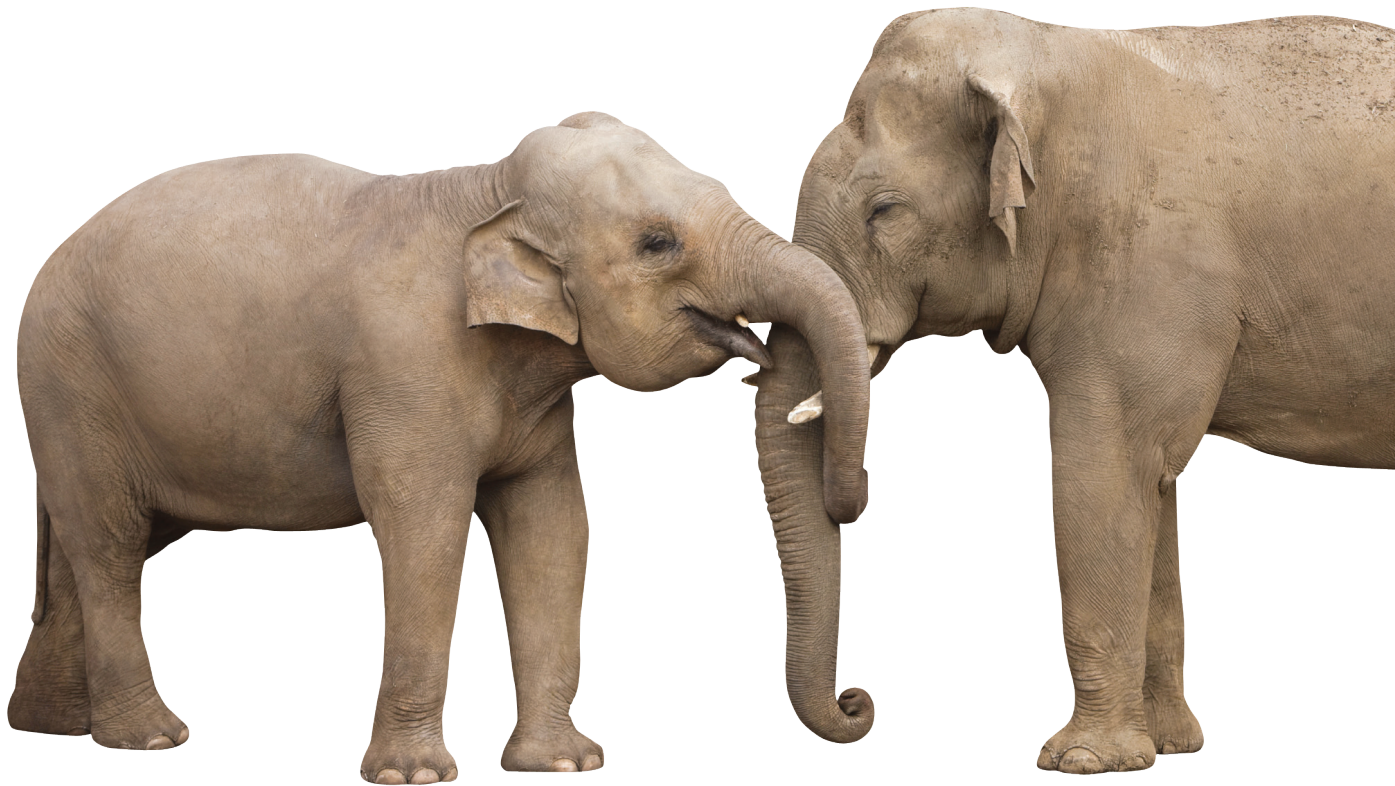
**Pfander, Barbara Elaine** [MSc/94]  
Dec. 12, 2013

**Shum, Shirley Anne** [BSW/95] Jan. 5, 2014

**Thompson, Warren Nels** [BSc/96]  
Nov. 4, 2013



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# HOMECOMING 2014

SEPTEMBER 15 - 21

Homecoming  
Dinner

Saturday, September 20

Homecoming  
Football Game

Saturday, September 20

Faculty Reunions  
and Anniversaries

Events throughout the week

Check [umanitoba.ca/alumni](http://umanitoba.ca/alumni) for dates and locations leading up to Homecoming.



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